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Date: September 29, 2021
Our Ref: 30062947
Subject: **Third Quarter 2021 Groundwater Monitoring Report**
Chevron Facility #6518040
Former Gulf Oil Terminal
3705 Hampton Road, Oceanside, New York
NYSDEC Site #130165

Dear Mr. Scharf,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis of New York, Inc. (Arcadis) has prepared this Third Quarter 2021 Groundwater Monitoring Report for the New York State Department of Environmental Conservation (NYSDEC) in accordance with the Order on Consent and Administrative Settlement for the former Gulf Oil Terminal in Oceanside, New York, NYDEC Site #130165 (site; **Figure 1**). This monitoring report summarizes the August 11 and 12, 2021 groundwater sampling event. On December 7, 2017, NYSDEC and CEMC agreed to quarterly progress reporting in lieu of monthly reporting. Relevant site features and existing groundwater monitoring wells are presented on **Figure 2**.

Groundwater Gauging

On August 11, 2021, 34 monitoring wells (AMW-3, AMW-7R, AMW-13-D1, AMW-13-D2, AMW-13-VD, AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-15-D1, AMW-15-D2, AMW-15-VD, AMW-15-D3, MW-18R, MW-23-D1R, MW-23-D2R, MW-24-D1R, MW-24-D2, MW-24-VDR, MW-26-D1, MW-26-D2, MW-26-VD, MW-27-D1R, MW-28-D1, MW-28-D2R, MW-29-D1, MW-29-D2, MW-29-VD, MW-30-D1, MW-30-D2, MW-30-VD, MW-31-D1R, MW-31-D2R, MW-32D, and OW-2-D1) were gauged prior to extracting HydraSleeves™. Monitoring well MW-27-D2 was gauged but the depth-to-groundwater value was anomalous compared to historical depth-to-groundwaters. Monitoring wells were gauged with a water interface probe.

Monitoring wells were gauged during high tide at the site on August 11, 2021. Measured depth-to-groundwater in the D1 horizon ranged from 2.96 feet below top of inner casing (btic) in MW-29-D1 to 7.69 feet btic in OW-2-D1. Measured depth-to-groundwater in the D2 horizon ranged from 3.10 feet btic in MW-29-D2 to 8.23 feet btic in MW-23-D2R. Measured depth-to-groundwater in the VD horizon ranged from 2.57 feet btic in MW-29-VD to 7.17 feet btic in AMW-15-VD. Groundwater elevation data were used to generate Groundwater Elevation Contour Maps for horizon D1, D2, and VD and are included as **Figures 3, 4, and 5**, respectively. The approximate groundwater flow direction for the D1 horizon is to the south, the D2 horizon is to the west, and for the VD horizon to the northwest. The well gauging data is summarized in **Table 1** and illustrated on **Figures 3, 4, and 5**.

Groundwater Sampling

On August 12, 2021, groundwater samples were collected from HydraSleeves™ that were deployed in 16 monitoring wells (AMW-7R, AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-15-D1, AMW-15-D2, AMW-15-VD, AMW-15-D3, MW-18R, MW-23-D1R, MW-23-D2R, MW-24-D1R, MW-24-D2, MW-26-D1, MW-27-D1R, MW-27-D2, MW-28-D1, MW-28-D2R, and MW-29-D1). Monitoring well MW-26-D2 was not sampled as the HydraSleeve™ was unable to be deployed the previous event and the HydraSleeve™ could not be located/retrieved in the monitoring well MW-24-VDR. Prior to collection, groundwater parameters (pH, temperature, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity) were collected. The groundwater samples were placed in laboratory-supplied containers, packaged on ice, and transported to Pace Analytical Inc. in Mt. Juliet, Tennessee (New York Certification #11742). The cooler containing the groundwater samples for monitoring wells AMW-15-D1, MW-24-D1R, MW-24-D2, and the blind duplicate sample was lost in transport to Pace Analytical Inc. The cooler was not located by shipping carrier. Since interim remedial actions were conducted at the site, 17 groundwater sampling events have been performed and results have shown that trends are either decreasing or stable. It is not anticipated that concentrations of contaminants at these wells are expected to change, nor will receptors be adversely affected. AWM-15-D1, MW-24-D1R, and MW-24-D2 will be sampled during the 2021 4th quarter groundwater sampling event. Groundwater samples were collected for:

- Dissolved-phase volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260C
- Total iron, sodium, and manganese by USEPA Method 6010C
- Nitrite and nitrate by USEPA Method 353.2
- Alkalinity by USEPA Method 2320 B-2011
- Sulfate and chloride by USEPA Method 9056A
- Sulfide by USEPA Method SM 4500S2 D-2011
- Total organic carbon by USEPA Method 9060A
- Ferric and ferrous iron by USEPA Method 3500 Fe B-2011
- Carbon dioxide by USEPA Method 4500CO2 D-2011
- Ethane, ethene, and methane by USEPA Method RSK-175.

The following summarizes the dissolved VOC constituents that were detected above the NYSDEC Technical and Operational Guidance Series (TOGS) guidance values in the samples collected during the Q3 2021 sampling event:

- Benzene exceeded the TOGS Water Guidance value of 1 microgram per Liter (µg/L) at monitoring wells AMW-14-D1 (5.51 µg/L), AMW-15-D3 (15.4 µg/L), MW-18R (33.2 µg/L), MW-26-D1 (5.78 µg/L), MW-27-D1R (3.05 µg/L) and MW-28-D1 (5.94 µg/L).
- Ethylbenzene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-14-D1 (5.46 µg/L).
- Xylene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring wells AMW-15-D3 (5.08 µg/L) and MW-18R (5.64 µg/L).

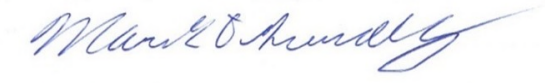
- Methyl tert-butyl ether (MTBE) exceeded the TOGS Water Guidance value of 10 µg/L at monitoring wells AMW-14-D1 (140 µg/L), AMW-14-D2 (26.3 µg/L), AMW-15-D3 (68.5 µg/L), MW-23-D1R (106 µg/L), MW-23-D2R (19.6 µg/L), MW-26-D1 (67.5 µg/L), MW-27-D1R (21.3 µg/L) and MW-29-D1 (20.9 µg/L).
- Vinyl chloride exceeds the TOGS Water Guidance value of 2 µg/L at monitoring wells AMW-15-D3 (4.44 µg/L), MW-26-D1 (38.6 C5 J4 µg/L (C5 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result; J4 = The associated batch QC was outside the established quality control range for accuracy)) and MW-27-D1R (23.9 µg/L).
- Trans-1,2-dichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-14-D1 (22.2 µg/L).
- Trichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-15-D3 (56.8 µg/L).
- Acetone exceeded the TOGS Water Guidance value of 50 µg/L at monitoring wells AMW-15-D3 (84.1 C3 µg/L (C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.)) and MW-18R (68.6 µg/L).
- Cis-1,2-dichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-15-D3 (14.3 µg/L).

A blind duplicate sample was collected from monitoring well MW-24-D1R, however due to the sample being lost in the FedEx transport to the laboratory it was not analyzed. The analytical results are summarized in **Table 2** and are illustrated on **Figure 6**. A Copy of the laboratory analytical report is included in **Attachment 2**. Historical groundwater analytical results are presented in **Table 3**. Following groundwater sampling, HydraSleeves™ were deployed in 21 monitoring wells.

Future Site Activities

The next quarterly sampling event will be completed in November 2021. If you have any questions regarding this progress report or require any additional information, please do not hesitate to contact me at 724.934.9501 or at edwin.ptak@arcadis.com.

Sincerely,
Arcadis U.S., Inc.



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Enclosures:

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Table 1
Groundwater Elevation Data – August 11, 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Monitoring Well ID	Date	Well Depth (feet below TOC)	TOC Elevation (feet NAVD 88)*	Depth to LNAPL (feet below TOC)	Depth to Groundwater (feet below TOC)	Groundwater Table Elevation (feet NAVD 88*)
Shallow Fill Unit Monitoring Wells						
AMW-3	8/11/2021	12.42	9.05	ND	6.08	2.97
AMW-7R	8/11/2021	13.85	9.95	ND	7.43	2.52
MW-18R	8/11/2021	9.93	7.98	ND	4.81	3.17
D1 Horizon Monitoring Wells						
AMW-13-D1	8/11/2021	32.96	9.87	ND	7.44	2.43
AMW-14-D1	8/11/2021	32.65	9.38	ND	7.10	2.28
AMW-15-D1	8/11/2021	35.46	9.74	ND	7.48	2.26
MW-23-D1R	8/11/2021	25.39	9.84	ND	7.51	2.33
MW-24-D1R	8/11/2021	31.51	9.82	ND	7.46	2.36
MW-26-D1	8/11/2021	20.24	9.95	ND	7.56	2.39
MW-27-D1R	8/11/2021	32.28	9.01	ND	6.66	2.35
MW-28-D1	8/11/2021	30.41	8.25	ND	5.99	2.26
MW-29-D1	8/11/2021	23.11	5.21	ND	2.96	2.25
MW-30-D1	8/11/2021	29.90	8.74	ND	7.50	1.24
MW-31-D1R	8/11/2021	30.00	8.39	ND	6.30	2.09
MW-32D	8/11/2021	36.01	8.85	ND	6.64	2.21
OW-2-D1	8/11/2021	33.71	9.94	ND	7.69	2.25
D2 Horizon Monitoring Wells						
AMW-13-D2	8/11/2021	43.01	9.76	ND	7.45	2.31
AMW-14-D2	8/11/2021	42.66	9.37	ND	7.12	2.25
AMW-15-D2	8/11/2021	40.97	9.71	ND	7.42	2.29
MW-23-D2R	8/11/2021	46.03	10.52	ND	8.23	2.29
MW-24-D2	8/11/2021	41.82	10.00	ND	7.70	2.30
MW-26-D2	8/11/2021	40.21	9.40	ND	7.64	1.76
MW-27-D2	8/11/2021	46.30	9.09	ND	NG	NG
MW-28-D2R	8/11/2021	46.52	8.40	ND	7.30	1.10
MW-29-D2	8/11/2021	38.68	5.38	ND	3.10	2.28
MW-30-D2	8/11/2021	40.28	8.72	ND	6.53	2.19
MW-31-D2R	8/11/2021	46.04	8.35	ND	6.08	2.27
D3 Horizon Monitoring Wells						
AMW-15-D3	8/11/2021	48.10	9.81	ND	8.45	1.36
VD Horizon Monitoring Wells						
AMW-13-VD	8/11/2021	70.97	9.43	ND	7.14	2.29
AMW-14-VD	8/11/2021	74.36	9.25	ND	6.83	2.42
AMW-15-VD	8/11/2021	71.72	9.82	ND	7.17	2.65
MW-24-VDR	8/11/2021	32.28	9.72	ND	7.10	2.62
MW-26-VD	8/11/2021	NG	7.03	ND	7.03	0.00
MW-29-VD	8/11/2021	60.24	5.27	ND	2.57	2.70
MW-30-VD	8/11/2021	83.23	8.70	ND	5.78	2.92

Notes:
*Top of casing elevations were surveyed by Borbas Surveying & Mapping, LLC, September 18, 2017 and re-drilled wells on June 1, 2018.
in = Inches
TOC = top of casing
NAVD 88 = North America Vertical Datum of 1988
LNAPL = light non aqueous phase liquid
ND = not detected
NG = not gauged

Table 2
Summary of Groundwater Sampling Results – August 12, 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

		Volatile Organics									GC Volatiles - RSK-175	Inorganics			General Chemistry			
Lab Sample ID	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylene (total)	Methyl-t-butyl ether	Isopropyl-benzene	trans-1,2-Dichloro-ethene	Trichloro-ethene (Trichloro-ethylene)	Vinyl Chloride Chloroethene)	Carbon Dioxide	Iron	Manganese	Sodium	Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Nitrate-Nitrite
NYSDEC TOGS 1.1.1		1	5	5	5	10	5	5	5	2	NE	300	300	20,000	NE	250	NE	10,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L
AMW-14-D1	8/12/2021	**5.51**	**0.455 J**	**5.46**	**3.90**	**140**	**0.901 J**	**22.2**	<1.00	<1.00 J4	**56.1 B T8**	**5,080**	**88.3**	**2,060,000**	**637,000**	**2,480**	<0.100	<1,000
AMW-14-D2	8/12/2021	<1.00	<1.00	<1.00	<3.00	**26.3**	<1.00	**0.198 J**	<1.00	<1.00	**91.0 T8**	**1,450**	**111**	**2,410,000**	**841,000**	**4,350**	**1.20**	<1,000
AMW-14-VD	8/12/2021	<1.00	<1.00	<1.00	<3.00	**0.272 J**	<1.00	<1.00	<1.00	<1.00	**148 T8**	**19,400**	**393**	**8,190,000**	**540,000**	**16,700**	**1.81**	<100
AMW-7R	8/12/2021	**0.109 J**	<1.00	<1.00	<3.00	<1.00	**1.31**	<1.00	<1.00	<1.00	**71.3 T8**	**8,720**	**2,450**	**193,000**	**708,000**	**181**	<0.100	<100
AMW-15-D1*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-15-D2	8/12/2021	<1.00	<1.00	<1.00	<3.00	**3.23**	<1.00	<1.00	<1.00	<1.00	**46.8 B T8**	**1,850**	**100**	**2,010,000**	**578,000**	**3,140**	**0.785**	<1,000
AMW-15-D3	8/12/2021	**15.4**	**2.49**	**2.22 B**	**5.08**	**68.5**	**0.564 J**	**0.533 J**	**56.8**	**4.44**	<20 T8	**92.4 J**	**1.65 J**	**462,000**	**567,000**	**639**	<0.05	<1,000
AMW-15-VD	8/12/2021	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	**53.2 B T8**	**5,030**	**538**	**31,600**	**529,000**	**16,500**	**1.84**	<100
MW-18R	8/12/2021	**33.2**	**3.92**	**0.916 J**	**5.64**	**8.58**	**3.61**	<1.00	<1.00	<1.00 J4	**42.3 B T8**	**1,250**	**59.9**	**609,000**	**206,000**	**1,340**	**0.153**	<100
MW-23-D1R	8/12/2021	**0.151 J**	<1.00	<1.00	<3.00	**106**	**0.312 J**	<1.00	<1.00	<1.00	**30.8 B T8**	**2,970**	**973**	**1,320,000**	**516,000**	**2,330**	**0.611**	**53.3 J**
MW-23-D2R	8/12/2021	**0.134 J**	<1.00	<1.00	<3.00	**19.6**	<1.00	<1.00	<1.00	<1.00	**35.9 B T8**	**1,380**	**1,550**	**1,560,000**	**376,000**	**3,250**	<0.100	<100
MW-24-D1R*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24-D2*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24-VDR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26-D1	8/12/2021	**5.78**	**0.326 J**	**0.973 J**	**1.11 J**	**67.5**	**0.250 J**	**2.54**	<1.00	**38.6 C5 J4**	**46 B T8**	**544**	**32.9**	**1,150,000**	**479,000**	**2,060**	**0.203**	<100
MW-26-D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27-D1R	8/12/2021	**3.05**	**0.544 J**	**0.322 BJ**	**0.820 J**	**21.3**	<1.00	**1.87**	**0.230 J**	**23.9**	**103 T8**	**6,400**	**138**	**2,120,000**	**839,000**	**3,970**	**6.11**	<1,000
MW-27-D2	8/12/2021	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	**127 T8**	**9,250**	**1,600**	**4,250,000**	**338,000**	**7,000**	<0.100	<100
MW-28-D1	8/12/2021	**5.94**	<1.00	**1.48 B**	**1.62 J**	**8.64**	**0.211 J**	<1.00	<1.00	<1.00	**41.9 B T8**	**101**	**36.0**	**867,000**	**485,000**	**1,970**	<0.05	<100
MW-28-D2R	8/12/2021	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	**125 T8**	**7,560**	**2,180**	**4,570,000**	**369,000**	**7,480**	**5.51**	<100
MW-29-D1	8/12/2021	<1.00	<1.00	<1.00	<3.00	**20.9**	**0.105 J**	<1.00	<1.00	<1.00 J4	**51.4 B T8**	**5,200**	**272**	**446,000**	**235,000**	**787**	**4.01**	<100

Notes:
ID = Identification
NYSDEC = New York State Department of Environmental Conservation
TOGS = NYSDEC Technical and Operational Guidance Series ambient water quality standards and guidance values of June 1998
<1.0 = not detected at or above the reporting limit
mg/L = milligrams per liter
ug/L = micrograms per liter
Bold = detected concentration
Shade = concentration was above the TOGS
B = The same analyte is found in the associated blank.
C5 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result
CaCO3 '= calcium carbonate
J = Analyte was detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
J4 = The associated batch QC was outside the established quality control range for accuracy
T8 = Sample(s) received past/too close to holding time expiration.
NE = Not established
-- = Not sampled.
* = Cooler containing the sample was lost in transport to Pace Analytical Inc.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**1**	**5**	**5**	**5**	**0.04**	**0.0006**	**3**	**0.6**	**1**	**3**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	ug/L	**ug/L**	**ug/L**	**ug/L**
AMW-12	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
AMW-13-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-13-D2	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-13-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-14-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.91 J**	**0.46 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.54 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.180 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.606 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.790 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.561 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.739 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.950 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-14-D2	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0
	08/19/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0 J4
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-14-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/12/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	1	3
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-VD (cont.)	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.43 J**	<1.0	<1.0
	12/05/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.45 J**	<1.0	<1.0
	02/12/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.46 J**	<1.0	<1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/20/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.350 J**	<1.00	<1.00 J4
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.119 J**	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.221 J**	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-14-VD	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-15-D1	06/23/2016	< 1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5 J**	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.89 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.87 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<5.00	<5.00
	08/19/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00 J4	<5.00	<5.00	<5.00
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.325 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<5.00	<5.00
	06/02/2021	<1.00 J3	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00 J3	<5.00	<1.00 J3	<1.00	<1.00 J3	<1.00	<1.00
AMW-15-D2	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	1	3
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.187 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.104 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.139 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/01/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-15-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	**0.144 J**	<1.00	<1.00
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	**0.101 J**	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-3	01/13/2016	< 5.0	< 5.0	< 5.0	**4.8 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/11/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**1**	**5**	**5**	**5**	**0.04**	**0.0006**	**3**	**0.6**	**1**	**3**
	Units	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	ug/L	**ug/L**	**ug/L**	**ug/L**
AMW-7R (cont.)	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
ASB-2	06/06/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-3	06/08/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-4	06/07/2016	**4.2 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ASB-5	06/02/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-7	06/02/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
MW-18R	06/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	07/11/2018	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	10/17/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<5.00	<5.00	<5.00 J4	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<5.00	<5.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-23-D2R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	1	3
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	03/18/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-24-D1R	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.56 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**0.72 J [0.69 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/05/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**0.36 J [0.71 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	02/11/2020	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 * [<1.0]	< 1.0 * [<1.0]	< 1.0 [<1.0]	**0.46 J [0.59 J**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	06/09/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]
	08/19/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 J4 [<5.00 J4]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]
	11/05/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]
	03/19/2021	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	**0.457 J [<5.00]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]
	06/01/2021	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 J4 [<5.00]	**0.406 J [<5.00]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00 C3]	<1.00 [<5.00]
MW-24-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	07/05/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.293 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.210 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.553 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.611 J**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.08**	<1.00
	06/01/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.467 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-24-VDR	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**1**	**5**	**5**	**5**	**0.04**	**0.0006**	**3**	**0.6**	**1**	**3**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	ug/L	**ug/L**	**ug/L**	**ug/L**
MW-24-VDR (cont.)	08/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/01/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26-D1	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/22/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/05/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	08/27/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.285 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.218 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.159 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.403 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.302 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26-D2	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.102 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
MW-26-VD	01/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-27-D1R	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	08/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	1	3
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D1R (cont.)	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/19/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<5.00	<5.00 J4
	11/06/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<5.00	<5.00
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.359 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.278 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.268 J**	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-27-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.28 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.38 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.430 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.483 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.118 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.242 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.149 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-28-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.76 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.58 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.69 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.209 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.172 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.741 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.163 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.213 J**	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-28-D2R	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.48 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.21 J**	< 1.0	< 1.0
	07/28/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	0.74 J	< 1.0	**0.79 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	1	3
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.155 J**	<1.00	<5.00	<1.00	**0.205 J**	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.186 J**	<1.00	<5.00	<1.00	**0.251 J**	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.342 J**	<1.00	<5.00	<1.00	**0.109 J**	<1.00	<1.00	<1.00
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.217 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.211 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.147 J**	<1.00 J4	<5.00	<1.00	**0.401 J**	<1.00	<1.00	<1.00
MW-29-D1	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	08/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29-D2	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**7.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-29-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D1	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D2	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**3.2 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/14/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**2.9**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.87 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D1R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D2R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.94 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	01/14/2016	< 5.0	< 50	< 25	< 25	**25 J**	**80**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
AMW-13-D1	06/24/2016	< 1.0	< 10	< 5.0	< 5.0	**6.5 J**	< 1.0	**0.99 J**	**3.4**	< 1.0	**2.7**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**3.4 J**	**4.5**	< 1.0	**1.1**	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
AMW-13-D2	06/23/2016	< 1.0	< 10	< 5.0	**3.3 J**	**3.2 J**	< 1.0	**0.97 J**	**4.2**	< 1.0	**0.66 J**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**4.8 J**	< 1.0	< 1.0	**0.62 J**	< 1.0	**12**	< 1.0	< 1.0	< 1.0
AMW-13-VD	06/23/2016	< 1.0	**3.2 J**	< 5.0	< 5.0	**18**	< 1.0	< 1.0	**3.1**	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	**5.8 J**	< 5.0	**2.4 J**	**46**	< 1.0	< 1.0	< 1.0	< 1.0	**7.9**	< 1.0	< 1.0	< 1.0
AMW-14-D1	06/24/2016	< 1.0	< 10	< 5.0	< 5.0	**4.6 J**	< 1.0	**0.85 J**	**2.5**	< 1.0	**2.6**	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 10	< 5.0	< 5.0	**3.9 J**	**4.3**	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 40	< 20	< 20	< 40	**2.0 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 20	< 10	< 10	< 20	**4.7**	< 2.0	< 2.0	< 2.0	**1.3 J**	< 2.0	< 2.0	< 2.0
	07/12/2018	< 8.0	< 80	< 40	< 40	< 80	**5.3 J**	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	**0.98 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**7.0**	< 1.0	< 1.0	< 1.0	**0.79 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.64 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	<5.0	<5.0	<5.0	<5.0	**3.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.533 J**	<1.00	<1.00	<5.00	**0.294 J**	<1.00	<1.00	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.40**	<1.00	<1.00	<5.00	**0.615 J**	<1.00	<1.00	<5.00
	11/04/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**7.94**	<1.00	<1.00 C3 J4	<5.00	**<1.00**	<1.00 C3	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	**1.41 J**	<50.0	**3.41**	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**6.24**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**5.51**	<1.00	<1.00	<5.00	**0.713 J**	<1.00	<1.00	<5.00
AMW-14-D2	06/23/2016	< 1.0	< 10	< 5.0	**3.2 J**	**3.3 J**	< 1.0	**0.99 J**	**4.6**	< 1.0	**5.5**	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 10	< 5.0	< 5.0	**3.1 J**	**0.88 J**	< 1.0	**1.3**	< 1.0	**12**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**9.6 J**	< 1.0	< 1.0	< 1.0	< 1.0	**8.4**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**2.7**	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.94 J**	< 1.0	< 1.0	< 1.0
	07/12/2018	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.32 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<10.0	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0	<50.0
	08/19/2020	<10.0 J4	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0	<50.0
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.533 J**	<1.00	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.249 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00	**1.10 B**	<1.00	<1.00	<5.00
AMW-14-VD	06/23/2016	< 1.0	**3.9 J**	< 5.0	**2.1 J**	**22**	< 1.0	**0.87 J**	**3**	< 1.0	**0.63 J**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**8.9 J**	< 1.0	< 1.0	< 1.0	< 1.0	**9.9**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	**3.7 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.25 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0
	07/12/2018	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-VD (cont.)	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/13/2019	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/05/2019	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/12/2020	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00 J4	<5.00
	08/20/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3 J4	<5.00	<1.00	<1.00 C3	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.120 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
AMW-14-VD	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00	**1.23 B**	<1.00	<1.00	<5.00
AMW-15-D1	06/23/2016	< 1.0	< 10	< 5.0	**2.1 J**	**4.2 J**	**0.48 J**	< 1.0	**2.2**	< 1.0	**0.46 J**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 5.0	< 50	< 25	< 25	< 50	**3.9 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 100	< 50	< 50	< 100	**11**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/26/2016	< 4.0	< 40	< 20	< 20	< 40	**5.1**	< 4.0	< 4.0	< 4.0	**1.7 J**	< 4.0	< 4.0	< 4.0
	07/05/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	**12**	< 4.0	< 4.0	< 4.0	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 20	< 10	< 10	< 20	**11**	< 2.0	< 2.0	< 2.0	**2**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 250	< 50	< 50	< 130	**12**	< 5.0	< 5.0	< 5.0	**1.7 J**	< 5.0	< 5.0	< 5.0
	05/09/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.3**	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.2**	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<50.0	<50.0	<50.0	<250	**6.35**	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	<25.0
	08/19/2020	<5.00	<50.0	<50.0	<50.0	<250	**4.70 J**	<5.00	<5.00	<25.0	6.45	<5.00	<5.00	<25.0
	11/04/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**3.55**	<1.00	<1.00	<5.00	**0.777 J**	<1.00	<1.00	<5.00
	03/19/2021	<5.00	<50.0	<50.0	<50.0	<250	**5.80**	<5.00	<5.00 C3	<25.0	<5.00	<5.00	<5.00	<25.0
	06/02/2021	<1.00	<10.0 J3	<10.0	<10.0 J3	<50.0	**1.74**	<1.00 J3	<1.00	**3.35 J**	**0.320 J**	<1.00	<1.00 J3	<5.00 J3
AMW-15-D2	06/23/2016	< 1.0	< 10	< 5.0	< 5.0	**9.3 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	**1.3 J**	< 5.0	< 5.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**3.8 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.42 J**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0	**0.75 J**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	**5.1 J**	**0.47 J**	< 1.0	< 1.0	< 1.0	**0.42 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	**9.8**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	**0.34 J**	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.25 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.123 J**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/19/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.102 J**	<1.00	<1.00	<5.00	**2.33**	<1.00	<1.00	<5.00
	11/04/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.529 J**	<1.00	<1.00 C3 J4	<5.00	<1.00	<1.00 C3	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.230 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.824 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00	**4.08 B**	<1.00	<1.00	<5.00

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	06/23/2016	< 1.0	< 10	< 5.0	< 5.0	**6.9 J**	< 1.0	< 1.0	< 1.0	< 1.0	**4.4**	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	< 10	< 5.0	< 5.0	**7.3 J**	< 1.0	< 1.0	< 1.0	< 1.0	**4.6**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**3.6 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 40	< 20	< 20	**36 J**	**3.7 J**	< 4.0	< 4.0	< 4.0	**1.8 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 20	< 10	< 10	**16 J**	< 2.0	< 2.0	< 2.0	< 2.0	**0.70 J**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	**0.42 J**	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.318 J**	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.664 J**	<1.00	<1.00	<5.00	**1.93**	<1.00	<1.00	<5.00
	11/04/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.430 J**	<1.00	<1.00 C3 J4	<5.00	<1.00	<1.00 C3	<1.00	<5.00
	03/19/2021	<1.00	**11.0**	<10.0	**0.640 J**	**62.4**	**12.8**	<1.00	<1.00	<5.00	**1.23**	<1.00	<1.00	<5.00
	06/01/2021	<1.00	**3.00 C3J**	<10.0	<10.0	**17.1 C3J**	**2.75**	<1.00	<1.00	<5.00	**1.29**	<1.00	<1.00	<5.00
	08/12/2021	<1.00	**22.8**	<10.0	**0.960 J**	**84.1 C3**	**15.4**	<1.00	<1.00 C3	<5.00	**5.26**	<1.00	<1.00	<5.00
AMW-15-VD	06/23/2016	< 1.0	< 10	< 5.0	< 5.0	**3.2 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 10	< 5.0	< 5.0	**8.3 J**	< 1.0	< 1.0	**2.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 10	< 5.0	< 5.0	**5.0 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/04/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3 J4	<5.00	<1.00	<1.00 C3	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.120 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	**3.67 J**	<10.0	<10.0	**16.8 C3J**	<1.00	<1.00	<1.00 C3	<5.00	**1.47 B**	<1.00	<1.00	<5.00
AMW-3	01/13/2016	< 5.0	< 50	< 25	< 25	< 50	**280**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	**3.4 J**	< 5.0	< 5.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0	**0.51 J**	< 1.0	< 1.0	< 1.0
AMW-7R	01/12/2016	< 5.0	< 50	< 25	< 25	**30 J**	**5.7**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 10	< 5.0	< 5.0	**6.2 J**	**1.1**	< 1.0	< 1.0	< 1.0	**0.43 J**	< 1.0	< 1.0	< 1.0
	07/11/2018	< 2.0	< 20	< 10	< 10	< 20	**0.82 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 50	< 10	< 10	**8.1 J**	**0.78 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.69 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.39 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.89 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.82 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.926 J**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**0.566 J**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.214 J**	<1.00	<1.00 C3	<5.00 C3	**0.271 J**	<1.00	<1.00	<5.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-7R (cont.)	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0960 J**	<1.00	<1.00	<5.00	**0.140 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**1.08 B**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.109 J**	<1.00	<1.00 C3	<5.00	**1.06 B**	<1.00	<1.00	<5.00
ASB-2	06/06/2016	< 1.0	< 10	< 5.0	**6**	**20**	**1.8**	**1.9**	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	< 1.0
ASB-3	06/08/2016	< 1.0	< 10	< 5.0	< 5.0	**5.5 J**	< 1.0	**0.75 J**	**2.4**	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0
ASB-4	06/07/2016	< 5.0	< 50	< 25	< 25	< 50	**3.0 J**	< 5.0	< 5.0	< 5.0	**0.95 J**	< 5.0	< 5.0	< 5.0
ASB-5	06/02/2016	< 1.0	**1.4 J**	< 5.0	**5**	**12**	< 1.0	**1.5**	< 1.0	< 1.0	**0.53 J**	< 1.0	< 1.0	< 1.0
ASB-7	06/02/2016	< 2.0	< 20	< 10	**5.3 J**	< 20	< 2.0	**3.3**	< 2.0	< 2.0	**1.1 J**	< 2.0	< 2.0	< 2.0
MW-18R	06/22/2016	< 10	< 100	< 50	< 50	< 100	**310**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	07/11/2018	< 20	**74 J**	< 100	< 100	**330**	**48**	< 20	< 20	< 20	**6.2 J**	< 20	< 20	< 20
	10/17/2018	< 5.0	**70 J**	< 50	< 50	**230**	**69**	< 5.0	< 5.0	< 5.0	**2.4 J**	< 5.0	< 5.0	< 5.0
	09/14/2019	< 1.0	**10**	< 5.0	**2.2 J**	**47**	**85**	< 1.0	< 1.0	< 1.0	**3.2**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	**33**	**3.7 J**	**2.9 J**	**130**	**74**	< 1.0	< 1.0	< 1.0	**2**	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 5.0	< 5.0	< 5.0	**19**	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	**10.7 J**	<50.0	<50.0	<250	**27.0**	<5.00	<5.00	<25.0	**1.26 J**	<5.00	<5.00 J4	<25.0
	03/19/2021	<1.00	**12.6**	**1.62 J**	**1.76 J**	**44.4 J**	**8.34**	<1.00	<1.00	<5.00	**1.28**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	**3.59 C3J**	<10.0	**0.967 J**	**16.8 C3J**	**8.23**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	**14.0**	<10.0	**2.81 J**	**68.6**	**33.2**	<1.00	<1.00	<5.00	**2.58**	<1.00	<1.00	<5.00
MW-23-D1R	10/26/2016	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**0.53 J**	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/12/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 10	< 5.0	< 5.0	**6.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/12/2018	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	**3.8**	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.56 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.408 J**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/19/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.312 J**	<1.00	<1.00	<5.00	**0.671 J**	<1.00	<1.00	<5.00
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0955 J**	<1.00	<1.00 C3	<5.00 C3	**0.400 J**	<1.00	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**0.150 J**	<1.00	<1.00	<5.00	**0.142 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.158 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.151 J**	<1.00	<1.00 C3	<5.00	**8.06**	<1.00	<1.00	<5.00
MW-23-D2R	01/12/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 10	< 5.0	< 5.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	**4.0 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.44 J**	< 1.0	< 1.0	< 1.0
	07/12/2018	<1.0	<5.0	<5.0	<5.0	<5.0	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/19/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.407 J**	<1.00	<1.00	<5.00	**0.253 J**	<1.00	<1.00	<5.00
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3	**0.447 J**	<1.00	<1.00	<5.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	03/18/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00	<5.00	**0.119 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.0948 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.134 J**	<1.00	<1.00 C3	<5.00	**4.96**	<1.00	<1.00	<5.00
MW-24-D1R	01/13/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	< 40	< 20	< 20	< 40	**5.4**	< 4.0	< 4.0	< 4.0	**1.6 J**	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.1**	< 1.0	< 1.0	< 1.0	**1.7**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.9**	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/12/2018	< 8.0	< 80	< 40	< 40	< 80	**11**	< 8.0	< 8.0	< 8.0	**2.1 J**	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 250	< 50	< 50	< 130	**8.3**	< 5.0	< 5.0	< 5.0	**1.4 J**	< 5.0	< 5.0	< 5.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0	**0.62 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	<5.0 [<5.0]	<5.0 [<5.0]	**13 [13]**	< 1.0 [<1.0]	<1.0* [<1.0*]	< 1.0 [<1.0]	**3.2 [1.8]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/05/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	<5.0 [<5.0]	**9.4**	**5.7 [11]**	< 1.0 [<1.0]	<1.0 [<1.0]	< 1.0 [<1.0]	1.0 [1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	02/11/2020	< 1.0 [<1.0]	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	**6[<5.0]**	**8.9 [13]**	< 1.0 [<1.0]	<1.0 [<1.0]	< 1.0 [<1.0]	**1.5 [1.4]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	06/09/2020	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	**10.3 [11.7]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	08/19/2020	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	**10.2 [9.74]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**8.28 [3.68 J]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	11/05/2020	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	**10.9 [8.99]**	<5.00 [<5.00]	<5.00 C3 [<5.00 C3]	<25.0 C3 [<25.0 C3]	**2.27 J [2.18 J]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	03/19/2021	<1.00 [<5.00]	<10.0 [<50.0]	<10.0 [<50.0]	**0.587 J[<50.0]**	<50.0 [<250]	**11.3 [11.5]**	<1.00 [<5.00]	<1.00 [<5.00] [<5.00 C3]	<5.00 [<25.0]	**0.811 J [<5.00**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]
	06/01/2021	<1.00 [<5.00]	0.0 C3 [<50.0 (	<10.0 [<50.0 C3]	:10.0 [<50.0 C3]	<50.0 C3 [<250]	**10.7 [9.19]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0 C3]	**<1.00 [0.994 J]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]
MW-24-D2	01/13/2016	< 5.0	< 50	< 25	< 25	< 50	**3.3 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/13/2016	< 5.0	< 50	< 25	< 25	< 50	**3.1 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**0.97 J**	< 1.0	< 1.0	< 1.0	**0.31 J**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 4.0	< 40	< 20	< 20	**62**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 5.0	< 50	< 25	< 25	**56**	**3.0 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	07/05/2017	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	08/27/2017	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/12/2018	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 50	< 10	< 10	**2.8 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.24 J**	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 5.0	< 5.0	< 5.0	< 5.0	**5.2**	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.367 J**	<1.00	<1.00	<5.00	**0.167 J**	<1.00	<1.00 J4	<5.00
	08/18/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.227 J**	<1.00	<1.00	<5.00	**0.266 J**	<1.00	<1.00	<5.00
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.581 J**	<1.00	<1.00 C3	<5.00 C3	**0.931 J**	<1.00	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**0.662 J**	<1.00	<1.00	<5.00	**0.376 J**	<1.00	<1.00	<5.00
	06/01/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.681 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
MW-24-VDR	07/12/2018	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	**0.64 J**	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.30 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	**5.5**	**7.2**	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.347 J**	<1.00	<1.00 J4	<5.00

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-VDR (cont.)	08/18/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.394 J**	<1.00	<1.00	<5.00
	11/05/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3	**0.423 J**	<1.00	<1.00	<5.00
	03/19/2021	<1.00	<10.0	<10.0	**2.68 J**	**139**	<1.00	<1.00	<1.00	<5.00	**0.150 J**	<1.00	<1.00	<5.00
	06/01/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.126 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
MW-26-D1	01/12/2016	< 5.0	< 50	< 25	< 25	< 50	**9.1**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/22/2016	< 4.0	< 40	< 20	< 20	< 40	**9.3**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 10	< 100	< 50	< 50	< 100	**8.6 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/25/2016	< 4.0	< 40	< 20	< 20	< 40	**12**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/05/2017	< 10	< 100	< 50	< 50	< 100	**8.7 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	08/27/2017	< 10	< 100	< 50	< 50	< 100	**9.5 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/11/2017	< 2.0	< 20	< 10	< 10	**6.5 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 20	< 10	< 10	< 20	**17**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	**4.9**	< 1.0	< 1.0	< 1.0	**0.45 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**6.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**7.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**8.93**	<1.00	<1.00	<5.00	**0.773 J**	<1.00	<1.00	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**6.46**	<1.00	<1.00	<5.00	**0.360 J**	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**5.88**	<1.00	<1.00 C3	<5.00 C3	**0.582 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**8.13**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**5.78**	<1.00	<1.00	<5.00	**0.556 J**	<1.00	<1.00	<5.00
MW-26-D2	01/12/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 20	< 10	< 10	**9.4 J**	< 2.0	< 2.0	< 2.0	< 2.0	**0.60 J**	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 20	< 10	< 10	**37**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.37 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	**0.69 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.79 J**	< 1.0	< 1.0	< 1.0	**0.25 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.46 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.204 J**	<1.00	<1.00	<5.00
MW-26-VD	01/13/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	**170**	< 1.0	< 1.0	< 1.0	< 1.0	**0.19 J**	< 1.0	< 1.0	< 1.0
MW-27-D1R	01/13/2016	< 5.0	< 50	< 25	< 25	**53**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	**1.7 J**	< 5.0	< 5.0	**5.0 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.66 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 2.0	< 20	< 10	< 10	< 20	**1.1 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	08/27/2017	< 2.0	< 20	< 10	< 10	< 20	**1.6 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 20	< 10	< 10	< 20	**7.8**	< 2.0	< 2.0	< 2.0	**0.64 J**	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 50	< 10	< 10	< 25	**3.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**4.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D1R (cont.)	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**6.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/19/2020	<5.00 J4	<50.0	<50.0	<50.0	<250	**3.12 J**	<5.00	<5.00	<25.0	**0.852 J**	<5.00	<5.00	<25.0
	11/06/2020	<5.00	<50.0	<50.0	<50.0	<250	**2.58 J**	<5.00	<5.00 C3	<25.0 C3	**1.74 J**	<5.00	<5.00	<25.0
	03/20/2021	<1.00	<10.0	<10.0	<10.0	<50.0	**2.56**	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**3.98**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**3.05**	<1.00	<1.00 C3	<5.00	**10.7**	<1.00	<1.00	<5.00
MW-27-D2	01/13/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	**8.2 J**	< 20	< 20	**38 J**	**160**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.133 J**	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00	<5.00
	03/20/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.155 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.263 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00	**0.421 B J**	<1.00	<1.00	<5.00
MW-28-D1	06/24/2016	< 1.0	**2.3 J**	< 5.0	< 5.0	**45**	**2.1**	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	< 1.0
	07/28/2016	< 10	< 100	< 50	< 50	**280**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	**8.9**	< 1.0	< 1.0	< 1.0	**0.40 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 40	< 20	< 20	< 40	**3.7 J**	< 4.0	< 4.0	< 4.0	**4.9**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 50	< 10	< 10	**9.3 J**	**5.6**	< 1.0	< 1.0	< 1.0	**0.47 J**	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0	< 1.0	**0.34 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**11.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**17.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**9.35**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.03**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**24.3**	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**4.45**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.94**	<1.00	<1.00 C3	<5.00	**6.60**	<1.00	<1.00	<5.00
MW-28-D2R	06/24/2016	< 1.0	< 10	< 5.0	< 5.0	**3.3 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	07/28/2016	< 1.0	< 10	< 5.0	< 5.0	**4.4 J**	< 1.0	**1.2**	**5.6**	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.38 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.95 J**	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0	**1.0 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/09/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.50 J**	< 1.0	< 1.0	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics												
		1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane
NYSDEC TOGS 1.1.1		3	50	50	NE	50	1	50	50	5	60	5	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	12/06/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.24 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.781 J**	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.404 J**	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3	**0.424 J**	<1.00	<1.00	<5.00
	03/20/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.102 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.174 BJ**	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00	**1.48 B**	<1.00	<1.00	<5.00
MW-29-D1	01/14/2016	< 5.0	< 50	< 25	< 25	**25 J**	**81**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 10	< 5.0	< 5.0	**9.5 J**	**6.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**32**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**5.5**	< 1.0	< 1.0	< 1.0	**0.21 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 2.0	< 20	< 10	< 10	< 20	**9.7**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	08/27/2017	< 2.0	< 20	< 10	< 10	< 20	**19**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/12/2017	< 4.0	< 40	< 20	< 20	< 40	**4.3**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	07/13/2018	< 4.0	< 40	**9.1 J**	< 20	< 40	**5.2**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 50	< 10	< 10	< 25	**3.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	05/10/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.67 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/10/2020	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.307 J**	<1.00	<1.00 J4	<5.00
	08/19/2020	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	11/06/2020	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00 C3	<5.00 C3	**0.364 J**	<1.00	<1.00	<5.00
	03/20/2021	<1.00	<10.0	<10.0	**0.488 J**	<50.0	<1.00	<1.00	<1.00	<5.00	**0.130 J**	<1.00	<1.00	<5.00
	06/02/2021	<1.00	<10.0 C3	<10.0	**0.628 J**	<50.0 C3	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<5.00
	08/12/2021	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00	**0.412 J**	<1.00	<1.00	<5.00
MW-29-D2	01/14/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/21/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.62 J**	< 1.0	< 1.0	< 1.0
MW-29-VD	01/14/2016	< 10	< 100	< 50	< 50	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	06/21/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D1	01/14/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	**0.19 J**	< 1.0	< 1.0	< 1.0
MW-30-D2	01/14/2016	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	01/14/2016	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	01/14/2016	< 10	< 100	< 50	< 50	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	**5.9 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D1R	01/14/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	**11**	**1.1**	< 1.0	< 1.0	< 1.0	**0.32 J**	< 1.0	< 1.0	< 1.0
MW-31-D2R	01/14/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	**12**	< 5.0	< 5.0	< 5.0	**24**	< 13	**32.0**	**5.4**	< 5.0	< 5.0
AMW-13-D1	06/24/2016	**0.37 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	< 1.0	< 1.0	< 1.0	< 2.5	**10**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.82 J**	< 1.0	**1.8**	< 1.0	< 2.5	**63 F1**	< 1.0	< 1.0	< 1.0
AMW-13-D2	06/23/2016	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0	< 1.0	< 2.5	**3.5**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.41 J**	< 1.0	< 1.0	< 1.0	< 2.5	**41**	< 1.0	< 1.0	< 1.0
AMW-13-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0	< 2.5	**5**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**3.4**	< 1.0	< 1.0	< 1.0
AMW-14-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2**	< 1.0	< 1.0	< 1.0	< 2.5	**12**	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 1.0	**1**	< 1.0	**1.9**	< 1.0	< 1.0	**3.6**	< 1.0	< 2.5	**140 E**	**0.97 J**	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	**3**	< 2.0	< 2.0	**7.2**	< 2.0	< 5.0	**170**	**2.4**	**0.95 J**	< 2.0
	07/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**7.5 J**	< 8.0	< 20	**160**	**1.7 J**	< 8.0	< 8.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**1**	< 1.0	< 10	**120**	**0.40 J**	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	**5.9**	**1.0**	<5.0	**250**	**3.0**	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.43 J**	< 1.0	<5.0	**50**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 1.0	<5.0	**94**	**0.74 J**	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	**0.3 J**	< 1.0 *	**0.88 J**	< 1.0 *	< 1.0	**2.7**	**0.44 J**	<5.0	**130**	**1.2**	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	**0.427 J**	<1.00	<1.00	<1.00	<5.00	**0.486 J**	**0.172 J**	<20.0	**37.6**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**6.29**	**1.08**	<20.0	**181**	**3.18**	<5.00	<1.00
	11/04/2020	<5.00	<2.50	**0.221 J**	<1.00	**2.02**	<1.00	<5.00	**6.53**	**1.18**	<20.0	**190**	**3.97**	<5.00	<1.00
	03/19/2021	<5.00	<2.50 C3	**0.214 J**	<1.00	**1.33**	<1.00	<5.00	**3.34**	**0.698 J**	<20.0	**53.9**	**1.86**	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.144 J**	<1.00	**2.30 C5J4**	<1.00	<5.00	**6.68**	**1.26**	<20.0 C3	**164**	**5.18**	<5.00	<1.00
	08/12/2021	<5.00	<2.50 J4	<1.00	<1.00	<1.00	<1.00	<5.00	**5.46**	**0.901 J**	<20.0	**140**	**3.53**	<5.00	<1.00
AMW-14-D2	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0	< 1.0	< 2.5	**3.1**	< 1.0	< 1.0	< 1.0
	07/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	< 1.0	< 1.0	< 1.0	< 2.5	**24**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.58 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**14**	**0.27 J**	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**48**	< 1.0	< 1.0	< 1.0
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**62**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**44**	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	**0.35 J**	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	<5.0	**33**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**37**	< 1.0	**0.59 J**	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**29**	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**36**	< 1.0	< 1.0	< 1.0
	06/10/2020	<50.0	<25.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<200	**33.2**	<10.0	<50.0	<10.0
	08/19/2020	<50.0	<25.0	**2.50 J**	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<200	**32.0**	<10.0	<50.0	<10.0
	11/05/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**31.1**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**20.8**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.244 J**	<1.00	**0.201 JJ4**	<1.00	<5.00	**0.138 B J**	<1.00	<20.0 C3	**20.7**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**26.3**	<1.00	<5.00	<1.00
AMW-14-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	**0.32 J**	**2**	< 1.0	< 1.0	< 1.0	< 2.5	**0.91 J**	**0.36 J**	< 1.0	< 1.0
	07/27/2016	**0.37 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.59 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.51 J**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.42 J**	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.65 J**	**0.58 J**	< 1.0	< 1.0
	07/12/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.49 J**	< 1.0	< 1.0	< 1.0

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-VD (cont.)	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0
	05/10/2019	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
	09/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	**0.54 J**	<1.0	**0.36 J**	<1.0
	12/05/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
	02/12/2020	<1.0	<1.0	<1.0	< 1.0 *	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
	06/10/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**0.317 J**	<1.00	<5.00	<1.00
	08/20/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.303 J**	<1.00	<5.00	<1.00
	11/05/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.434 J**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.270 J**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<1.00
AMW-14-VD	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.272 J**	<1.00	<5.00	<1.00
AMW-15-D1	06/23/2016	**0.51 J**	< 1.0	**20**	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	< 1.0	< 2.5	**29**	< 1.0	**9.9**	< 1.0
	07/27/2016	< 5.0	< 5.0	**220**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**51**	< 5.0	**140**	< 5.0
	10/26/2016	< 10	< 10	**81**	< 10	< 10	< 10	< 10	< 10	< 10	< 25	**110**	**3.3 J**	**8.9 J**	< 10
	10/26/2016	< 4.0	< 4.0	**38**	< 4.0	**2.0 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**180**	**0.87 J**	**4.1**	< 4.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	**5.1**	< 4.0	< 4.0	< 4.0	< 4.0	**4.1**	< 4.0	< 10	**200**	< 4.0	**2.2 J**	< 4.0
	10/11/2017	< 2.0	< 2.0	**1.6 J**	< 2.0	< 2.0	< 2.0	< 2.0	**4.3**	< 2.0	< 5.0	**300 E**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 5.0	< 5.0	< 5.0	**2.8 J**	< 5.0	< 5.0	**5**	< 5.0	< 50	**170**	**1.2 J**	< 25	< 5.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	< 1.0	< 1.0	**2.6**	< 1.0	<5.0	**120**	**0.50 J**	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	**0.36 J**	< 1.0	**0.66 J**	< 1.0	< 1.0	**2.3**	< 1.0	<5.0	**100**	**0.51 J**	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	**0.63 J**	< 1.0	**0.77 J**	< 1.0	< 1.0	**2.8**	< 1.0	<5.0	**120**	< 1.0	**0.41 J**	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	**0.33 J**	< 1.0 *	< 1.0	**0.99 J**	< 1.0	<5.0	**37**	< 1.0	< 1.0	< 1.0
	06/10/2020	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**4.05 J**	0.535 J	<100	**171**	<5.00	<25.0	<5.00
	08/19/2020	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**2.57 J**	<5.00	<100	**94.3**	<5.00	<25.0	<5.00
	11/04/2020	<5.00	<2.50	**0.362 J**	<1.00	<1.00	<1.00	<5.00	**1.80**	**0.216 J**	<20.0	**76.7**	<1.00	<5.00	<1.00
	03/19/2021	<25.0	<12.5 C3	<5.00	<5.00	<5.00	<5.00	<25.0	**4.74 J**	<5.00	<100	**127**	<5.00	<25.0	<5.00
	06/02/2021	<5.00	<2.50 J3	<1.00 J3	<1.00 J3	**0.674 J J3**	<1.00 J3 J4	<5.00 J3	**1.55**	**0.160 J**	<20.0	**40.2**	<1.00	<5.00	<1.00
AMW-15-D2	06/23/2016	< 1.0	< 1.0	**3.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**68**	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	< 1.0	**3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**66**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	**1.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**43**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	**0.86 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**42**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**110 E**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**120**	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**5.1**	< 4.0	< 10	**350**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**160**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	**0.26 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**120**	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	**61**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**100**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**96**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**91**	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	**0.310 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**126**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**11.0**	<1.00	<5.00	<1.00
	11/04/2020	<5.00	<2.50	**0.188 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**57.1**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	**0.157 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**74.6**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.242 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**57.3**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**3.23**	<1.00	<5.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**2.4**	< 1.0	< 1.0	< 1.0
	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**2.6**	< 1.0	< 1.0	< 1.0
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**23**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	**19**	< 4.0	< 4.0	< 4.0	< 4.0	**3.4 J**	< 4.0	< 10	**64**	< 4.0	**2.4 J**	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 2.0	**3.1**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**22**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	**0.44 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**10**	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**16**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**14**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**7.7**	< 1.0	**0.32 J**	< 1.0
	02/11/2020	< 1.0	< 1.0	**0.99 J**	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<5.0	**51**	<5.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**10.1**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	**1.73**	<1.00	<1.00	<1.00	<5.00	**0.161 J**	<1.00	<20.0	**72.8**	<1.00	<5.00	<1.00
	11/04/2020	<5.00	<2.50	**0.951 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**80.6**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	**13.0**	<1.00	**0.672 J**	<1.00	<5.00	**1.97**	**0.672 J**	<20.0	**63.6**	<1.00	<5.00	**0.147 J**
	06/01/2021	<5.00	<2.50 C3	**3.81**	<1.00	**0.193 J J4**	<1.00	<5.00	**0.562 B J**	**0.155 J**	<20.0 C3	**69.7**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	**14.3**	<1.00	**0.639 J**	<1.00	<5.00	**2.22 B**	**0.564 J**	<20.0	**68.5**	<1.00	<5.00	<1.00
AMW-15-VD	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**1.1**	< 1.0	< 1.0	< 1.0
	07/27/2016	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**1.2**	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.94 J**	< 1.0	< 1.0	< 1.0
	07/13/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.44 J**	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**1.3**	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	**1.0**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**1.1**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**1.1**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**1.0**	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**0.856 J**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.684 J**	<1.00	<5.00	<1.00
	11/04/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.581 J**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.437 J**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**0.376 J**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
AMW-3	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	**57**	< 5.0	< 5.0	**29**	**65**	< 13	< 5.0	**27**	**15**	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.40 J**	< 1.0	< 1.0	< 1.0
AMW-7R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**1.4 J**	**1.5 J**	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	**18**	< 1.0	< 1.0	< 1.0	**2.8**	< 2.5	**0.23 J**	**9.4**	< 1.0	< 1.0
	07/11/2018	< 2.0	< 2.0	< 2.0	< 2.0	**16**	< 2.0	< 2.0	< 2.0	**7.1**	< 5.0	< 2.0	**29**	**1.1 J**	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	**29**	< 1.0	< 1.0	**0.19 J**	**4.9**	< 10	< 1.0	**50**	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	**19**	< 1.0	< 1.0	**0.39 J**	**4.2**	<5.0	< 1.0	**31**	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 1.0	< 1.0	< 1.0	**4.4**	<5.0	< 1.0	**29**	**0.53 J**	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	**0.49 J**	**1.9**	<5.0	< 1.0	**7.7**	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	**17**	< 1.0	< 1.0	**0.49 J**	**3.9**	< 5.0	< 1.0	**24**	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	<1.00	<1.00	**13.5**	<1.00	<5.00	**0.805 J**	**4**	<20.0	<1.00	**14.9**	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	**14.6**	<1.00	<5.00	**0.331 J**	**3.11**	<20.0	<1.00	**25.1**	<5.00	<1.00
	11/06/2020	<5.00	<2.50	<1.00	<1.00	**11.6**	<1.00	<5.00	<1.00	**3.27**	<20.0	<1.00	**18.9**	<5.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-7R (cont.)	03/19/2021	<5.00	<2.50	<1.00	<1.00	**2.77**	<1.00	<5.00	<1.00	**0.968 J**	<20.0	<1.00	**7.03**	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	**11.9 C5 J4**	<1.00	<5.00	**0.892 B J**	**2.37**	<20.0 C3	<1.00	**12.6**	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	**4.00**	<1.00	<5.00	<1.00	**1.31**	<20.0	<1.00	**6.97**	<5.00	<1.00
ASB-2	06/06/2016	**14**	< 1.0	**5.6**	< 1.0	< 1.0	**0.35 J**	< 1.0	< 1.0	< 1.0	< 2.5	**55**	< 1.0	< 1.0	< 1.0
ASB-3	06/08/2016	**0.92 J**	< 1.0	**2.8**	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0	< 2.5	**8.5**	< 1.0	**0.60 J**	< 1.0
ASB-4	06/07/2016	< 5.0	< 5.0	**1600 E**	< 5.0	**5**	< 5.0	< 5.0	**6.7**	< 5.0	< 13	**13**	**4.5 J**	**330**	< 5.0
ASB-5	06/02/2016	**19**	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**4.6**	< 1.0	< 1.0	< 1.0
ASB-7	06/02/2016	**21**	< 2.0	**67**	< 2.0	< 2.0	**0.65 J**	< 2.0	< 2.0	< 2.0	< 5.0	**5.5**	< 2.0	< 2.0	< 2.0
MW-18R	06/22/2016	< 10	< 10	**14**	< 10	**20**	< 10	< 10	< 10	**14**	< 25	**65**	**4.4 J**	< 10	< 10
	07/11/2018	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 50	**11 J**	**5.1 J**	< 20	< 20
	10/17/2018	< 5.0	< 5.0	< 5.0	< 5.0	**8.3 J**	< 5.0	< 5.0	**1.2 J**	**6.8**	< 50	**28**	**6.2 J**	< 25	< 5.0
	09/14/2019	< 1.0	< 1.0	**0.38 J**	< 1.0	**6.7**	< 1.0	< 1.0	**1.4**	**7.4**	< 5.0	**40**	**5.6**	**0.68 J**	< 1.0
	12/05/2019	< 1.0	< 1.0	**0.28 J**	< 1.0	**7.2**	< 1.0	< 1.0	**1.6**	**4.8**	< 5.0	**14**	**3.3**	**0.62 J**	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	**0.66 J**	< 1.0	< 1.0	< 1.0	**0.35 J**	< 5.0	< 1.0	**0.56 J**	< 1.0	< 1.0
	06/09/2020	<25.0	<12.5	<5.00	<5.00	**2.51 J**	<5.00	<25.0	**1.27 J**	**4.03 J**	<100	**3.42 J**	<5.00	<25.0	<5.00
	03/19/2021	<5.00	<2.50	**0.268 J**	<1.00	**4.84**	<1.00	<5.00	**0.672 J**	**3.93**	**1.31 J**	**0.765 J**	**5.86**	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	**1.44 C5 J4**	<1.00	<5.00	**0.274 B J**	**1.11**	<20.0 C3	**1.06**	**1.01**	<5.00	<1.00
	08/12/2021	<5.00	<2.50 J4	<1.00	<1.00	**3.32**	<1.00	<5.00	**0.916 J**	**3.61**	<20.0	**8.58**	**3.73**	<5.00	<1.00
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 2.0	**0.40 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**140**	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**180**	< 5.0	< 5.0	< 5.0
	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**210**	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**30**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**140**	< 4.0	< 4.0	< 4.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**130**	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**150**	< 4.0	< 4.0	< 4.0
	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**91**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	**1.7**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	**0.56 J**	< 10	**94**	< 5.0	< 5.0	< 1.0
	09/13/2019	< 1.0	< 1.0	**0.73 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.35 J**	< 5.0	**92**	< 1.0	**0.53 J**	< 1.0
	12/05/2019	< 1.0	< 1.0	**0.72 J**	< 1.0	**0.41 J**	< 1.0	< 1.0	< 1.0	**0.44 J**	< 5.0	**83**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	**0.35 J**	< 1.0 *	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 5.0	**35**	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	**0.382 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**0.439 J**	<20.0	**106**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	**0.517 J**	<1.00	**0.267 J**	<1.00	<5.00	<1.00	**0.414 J**	<20.0	**85.5**	<1.00	<5.00	<1.00
	11/05/2020	<5.00	<2.50	**0.267 J**	<1.00	**0.259 J**	<1.00	<5.00	<1.00	**0.314 J**	<20.0	**98.5**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	**0.196 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**0.163 J**	<20.0	**38.7**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.245 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00	**0.141 J**	<20.0 C3	**39.0**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	**0.388 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**0.312 J**	<20.0	**106**	<1.00	<5.00	<1.00
MW-23-D2R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**130**	< 5.0	< 5.0	< 5.0
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**26**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**8**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**72**	< 4.0	< 4.0	< 4.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**150 E**	< 1.0	< 1.0	< 1.0
	07/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	**8.8**	<1.0	<1.0	<1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	**8.8**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**63**	< 1.0	**0.47 J**	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**14**	< 1.0	< 1.0	< 1.0
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**42.2**	<1.00	<5.00	<1.00
	11/05/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**71.1**	<1.00	<5.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	03/18/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**57.0**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**32.8**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**19.6**	<1.00	<5.00	<1.00
MW-24-D1R	01/13/2016	< 5.0	< 5.0	**10**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**220**	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	< 4.0	**4.9**	< 4.0	**1.9 J**	< 4.0	< 4.0	**3.1 J**	< 4.0	< 10	**160**	**1.3 J**	< 4.0	< 4.0
	10/26/2016	< 1.0	< 1.0	**4**	< 1.0	**1.6**	< 1.0	< 1.0	**2.3**	< 1.0	< 2.5	**140 E**	**0.64 J**	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	**6.1**	< 1.0	**1.4**	< 1.0	< 1.0	**2.2**	< 1.0	< 2.5	**120 E**	**0.66 J**	< 1.0	< 1.0
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**81**	< 4.0	< 4.0	< 4.0
	07/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**7.1 J**	< 8.0	< 20	**290**	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	**6.1**	< 5.0	< 50	**270**	< 25	< 25	< 5.0
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 5.0	**65**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**1.1**	< 1.0 [<1.0]	< 1.0 [<1.0]	**7.9 [7.2]**	**0.97 J [0.86 J]**	<5.0 [<5.0]	**210 [200]**	**0.63 J [0.57 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/05/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 **[0.99 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	**2.4 [7.2]**	1.0	<5.0 [<5.0]	**180 [210]**	**[0.56 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]
	02/11/2020	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 * [<1.0]	**0.65 J [1.]**	< 1.0 * [<1.0]	< 1.0 [<1.0]	**5.7 [8.9]**	**0.61 J [1.0]**	<5.0 [<5.0]	**210 [220]**	< 1.0 **[0.57 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]
	06/09/2020	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**8.28 [8.90]**	**0.954 J [1.08 J]**	<100 [<100]	**195 [255]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]
	08/19/2020	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**6.80 [6.57]**	**0.712 J [0.681 J]**	<100 [<100]	**220 [206]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]
	11/05/2020	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**7.18 [5.76]**	**0.771 J [0.560 J]**	<100 [<100]	**207 [180]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]
	03/19/2021	<5.00 [<25.0]	<2.50 [<12.5 C3]	**0.131 J [<5.00]**	<1.00 [<5.00]	**0.766 J [<5.00]**	<1.00 [<5.00]	<5.00 [<25.0]	**8.35 [9.32]**	**1.04 [0.940 J]**	<20.0 [<100]	**201 [213]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]
	06/01/2021	<5.00 [<25.0]	<2.50 C3 [<12.5 C3	**0.133 J [<5.00]**	<1.00 [<5.00]	**.814 J J4 [<5.0(**	<1.00 [<5.00]	<5.00 [<25.0]	**7.61 [6.22]**	**0.925 J [0.888 J]**	0.0 C3 [<100 (	**195 [174]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]
MW-24-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**260**	< 5.0	< 5.0	< 5.0
	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**250**	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	**0.84 J**	< 1.0	< 2.5	**140 E**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**120**	< 4.0	**120**	< 4.0
	10/25/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**270**	< 5.0	**84 F1**	< 5.0
	07/05/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 20	**220**	< 8.0	< 8.0	< 8.0
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 20	**87**	< 8.0	< 8.0	< 8.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**60**	< 2.0	< 2.0	< 2.0
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**2.5**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	**0.52 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**2**	< 5.0	< 5.0	< 1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**13**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.0 U	**47**	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	**0.467 J**	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**136**	<1.00	<5.00	<1.00
	08/18/2020	<5.00	<2.50	**0.364 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**0.141 J**	<20.0	**76.4**	<1.00	<5.00	<1.00
	11/05/2020	<5.00	<2.50	**0.809 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**296**	<1.00	<5.00	<1.00
	03/19/2021	**0.197 J**	<2.50	**0.652 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**448**	<1.00	<5.00	<1.00
	06/01/2021	**0.122 J**	<2.50 C3	**0.514 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**358**	<1.00	<5.00	<1.00
MW-24-VDR	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**4.2**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	**0.28 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**2.9**	< 5.0	< 5.0	< 1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	**1.6**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**0.75 J**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**1**	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	**0.206 J**	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**0.998 J**	<1.00	<5.00	<1.00

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-VDR (cont.)	08/18/2020	<5.00	<2.50	**0.140 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**1.16**	<1.00	<5.00	<1.00
	11/05/2020	<5.00	<2.50	**0.218 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.944 J**	<1.00	<5.00	<1.00
	03/19/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**1.01**	<1.00	<5.00	<1.00
	06/01/2021	<5.00	<2.50 C3	**0.141 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**0.782 J**	<1.00	<5.00	<1.00
MW-26-D1	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**380**	< 5.0	< 5.0	< 5.0
	06/22/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**340**	< 4.0	< 4.0	< 4.0
	10/25/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	**310**	< 10	< 10	< 10
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**3.0 J**	< 4.0	< 10	**390**	< 4.0	**3.6 J**	< 4.0
	07/05/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	**290**	< 10	< 10	< 10
	08/27/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	**240**	< 10	< 10	< 10
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.5**	< 2.0	< 5.0	**220 E**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	**0.42 J**	< 1.0	< 5.0	< 1.0	< 1.0	**0.95 J**	**0.43 J**	< 10	**110**	< 5.0	< 5.0	< 1.0
	09/13/2019	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	**0.73 J**	< 5.0	**86**	< 1.0	< 1.0	< 1.0
	12/06/2019	< 1.0	< 1.0	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	**0.56 J**	< 5.0	**77**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	**1.2**	< 1.0 *	< 1.0	< 1.0 *	< 1.0	**1.3**	**0.67 J**	< 5.0	**80**	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	**3.28**	<1.00	<1.00	<1.00	<5.00	**2.47**	**1.06**	<20.0	**115**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	**1.45**	<1.00	<1.00	<1.00	<5.00	**1.38**	**0.555 J**	<20.0	**97.4**	<1.00	<5.00	<1.00
	11/06/2020	<5.00	<2.50	**0.903 J**	<1.00	**0.189 J**	<1.00	<5.00	**1.05**	**0.459 J**	<20.0	**84.1**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.486 J**	<1.00	**0.191 J J4**	<1.00	<5.00	**1.99**	**0.628 J**	<20.0 C3	**105**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50 J4	**0.236 J**	<1.00	**0.276 J**	<1.00	<5.00	**0.973 J**	**0.250 J**	<20.0	**67.5**	<1.00	<5.00	<1.00
MW-26-D2	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0
	06/22/2016	< 1.0	< 1.0	**0.86 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**59**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**85**	< 2.0	**15**	< 2.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**43**	< 2.0	**81**	< 2.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 20	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**14**	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**0.39 J**	< 1.0	< 10	**76**	< 5.0	< 5.0	< 1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.44 J**	< 1.0	< 5.0	**84**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**60**	< 1.0	**0.44 J**	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**29**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	**0.37 J**	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**52**	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	**0.254 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**105**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	**0.398 J**	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**64.4**	<1.00	<5.00	<1.00
MW-26-VD	01/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.96 J**	< 1.0	< 1.0	< 1.0
MW-27-D1R	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**10**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 2.0	< 2.0	**2.2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**84**	< 2.0	< 2.0	< 2.0
	08/27/2017	< 2.0	< 2.0	**3.2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**100**	< 2.0	**0.94 J**	< 2.0
	07/13/2018	< 2.0	< 2.0	**2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**62**	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 1.0	**1**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**38**	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0	**0.57 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**18**	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	**0.80 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.40 J**	< 1.0	< 5.0	**33**	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D1R (cont.)	12/05/2019	< 1.0	< 1.0	**0.95 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.48 J**	< 1.0	< 5.0	**39**	< 1.0	< 1.0	< 1.0
	08/19/2020	<25.0	<12.5	**0.855 J**	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<100	**26.0**	<5.00	<25.0	<5.00
	11/06/2020	<25.0	<12.5	**1.13 J**	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<100	**22.2**	<5.00	<25.0	<5.00
	03/20/2021	<5.00	<2.50 C3	**0.751 J**	<1.00	<1.00	<1.00	<5.00	**0.263 J**	<1.00	<20.0	**21.1**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	**0.790 J**	<1.00	<1.00 J4	<1.00	<5.00	**0.387 B J**	<1.00	<20.0 C3	**27.6**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	**0.635 J**	<1.00	<1.00	<1.00	<5.00	**0.322 BJ**	<1.00	<20.0	**21.3**	<1.00	<5.00	<1.00
MW-27-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0
	06/21/2016	< 4.0	< 4.0	< 4.0	< 4.0	**22 J**	< 4.0	< 4.0	**92**	**38**	< 10	**8.1**	**26**	**5.7**	< 4.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**3.4 J**	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	**7.9**	< 1.0	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**9.0**	< 1.0	< 1.0	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**4.9**	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**4.7**	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	**0.843 J**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**1.21**	<1.00	<5.00	<1.00
	11/06/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
	03/20/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.380 J**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	**0.193 B J**	<1.00	<20.0 C3	**0.132 J**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
MW-28-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**6.2**	< 1.0	< 1.0	< 1.0
	07/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	**4.7 J**	< 10	< 10	< 10
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 2.5	**19**	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**6.6**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	**4.8**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**1.4**	**0.33 J**	< 10	**9.5**	< 5.0	< 5.0	< 1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.49 J**	< 1.0	< 5.0	**7**	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	**0.56 J**	< 5.0	**22**	< 1.0	**0.42 J**	< 1.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**	1.0 U	5.0 U	**21**	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	**2.1**	**0.34 J**	< 5.0	**34**	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	**0.164 J**	<1.00	<1.00	<1.00	<5.00	**2.5**	**0.440 J**	<20.0	**20.1**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.750 J**	<1.00	<20.0	**16.5**	<1.00	<5.00	<1.00
	11/06/2020	<5.00	<2.50	**0.305 J**	<1.00	**0.296 J**	<1.00	<5.00	**3.68**	**0.548 J**	<20.0	**28.8**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	**1.74**	**0.221 J**	<20.0 C3	**7.53**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.48 B**	**0.211 J**	<20.0	**8.64**	<1.00	<5.00	<1.00
MW-28-D2R	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	07/28/2016	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	**3.2**	< 1.0	< 1.0	< 1.0	< 2.5	**0.25 J**	< 1.0	< 1.0	< 1.0
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 10	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0
	05/09/2019	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics													
		Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene
NYSDEC TOGS 1.1.1		7	5	5	0.4	NE	50	5	5	5	NE	10	NE	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	06/09/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<1.00 J4	<20.0	<1.00	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
	11/06/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**0.108 J**	<1.00	<5.00	<1.00
	03/20/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00
MW-29-D1	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	**13**	< 5.0	< 5.0	< 5.0	**24**	< 13	**34**	**5.5**	< 5.0	< 5.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	**8**	< 1.0	< 1.0	< 1.0	**5.4**	< 2.5	**23**	**3.8**	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	**21**	< 1.0	< 1.0	< 1.0	**16**	< 2.5	**44**	**10**	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	< 1.0	**6.4**	< 2.5	**23**	**2.5**	< 1.0	< 1.0
	07/05/2017	< 2.0	< 2.0	< 2.0	< 2.0	**7.6**	< 2.0	< 2.0	< 2.0	**7.7**	< 5.0	**71**	**1.8 J**	< 2.0	< 2.0
	08/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	**12**	< 2.0	< 2.0	< 2.0	**9.3**	< 5.0	**28**	**5.8**	< 2.0	< 2.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	**5.4**	< 4.0	< 4.0	< 4.0	**5.8**	< 10	**20**	**1.5 J**	< 4.0	< 4.0
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	**24**	< 4.0	< 4.0	< 4.0	**19**	< 10	**39**	**11**	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	**20**	< 1.0	< 1.0	**0.31 J**	**16**	< 10	**33**	**11**	< 5.0	< 1.0
	05/10/2019	< 1.0	< 1.0*	< 1.0	< 1.0	**24**	< 1.0	< 1.0*	**0.34 J**	**18**	< 5.0	**51**	**8.6**	< 1.0	< 1.0
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0	**2.2**	< 5.0	**18**	**1.2**	**0.48 J**	< 1.0
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	**0.47 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**12**	< 1.0	< 1.0	< 1.0
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 5.0	**3.1**	< 1.0	< 1.0	< 1.0
	06/10/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	**0.107 J**	<20.0	**22.7**	<1.00	<5.00	<1.00
	08/19/2020	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<20.0	**29.5**	<1.00	<5.00	<1.00
	11/06/2020	<5.00	<2.50	<1.00	<1.00	**0.536 J**	<1.00	<5.00	<1.00	<1.00	<20.0	**28.7**	<1.00	<5.00	<1.00
	03/20/2021	<5.00	<2.50	<1.00	<1.00	**0.452 J**	<1.00	<5.00	<1.00	<1.00	<20.0	**26.4**	<1.00	<5.00	<1.00
	06/02/2021	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	<1.00	<20.0 C3	**1.76**	<1.00	<5.00	<1.00
	08/12/2021	<5.00	<2.50 J4	<1.00	<1.00	**0.556 J**	<1.00	<5.00	<1.00	**0.105 J**	<20.0	**20.9**	<1.00	<5.00	<1.00
MW-29-D2	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**66**	< 1.0	< 1.0	< 1.0
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**51**	< 1.0	< 1.0	< 1.0
MW-29-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	< 10	< 10	< 10	< 10
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.42 J**	< 1.0	< 1.0	< 1.0
MW-30-D1	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	**0.39 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**100 E**	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**53**	< 1.0	< 1.0	< 1.0
MW-30-D2	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	**7.3**	< 5.0	< 5.0	< 5.0
	01/14/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	**8.1**	< 2.0	< 2.0	< 2.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**3**	< 1.0	< 1.0	< 1.0
MW-30-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 25	< 10	< 10	< 10	< 10
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.47 J**	< 1.0	< 1.0	< 1.0
MW-31-D1R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**3.3**	< 1.0	< 1.0	< 1.0
MW-31-D2R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	**0.32 J**	< 1.0	< 1.0	< 1.0

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		5	5	5	0.4	5	5	2	5	NE	NE	NE	NE
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
AMW-12	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
AMW-13-D1	06/24/2016	**0.38 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.3**	< 2.0	NA	NA	NA	NA
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**9.9**	< 2.0	NA	NA	NA	NA
AMW-13-D2	06/23/2016	**0.57 J**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
AMW-13-VD	06/23/2016	**1.5**	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/27/2016	**1**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
AMW-14-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 2.0	NA	NA	NA	NA
	07/26/2016	< 1.0	**7.1**	**7.8**	< 1.0	< 1.0	< 1.0	**1600 E**	**11**	NA	NA	NA	NA
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**78**	**3.2 J**	**130**	< 150	< 140	**1,100**
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**7.6**	< 8.0	**79**	< 330	**200 J**	**550**
	10/11/2017	< 2.0	**1.0 J**	**13**	< 2.0	< 2.0	< 2.0	**3.2**	**20**	**23**	< 170	**190**	**580**
	07/12/2018	< 8.0	< 8.0	**8.6**	< 8.0	< 8.0	< 8.0	< 8.0	**16**	**42**	< 660	**260 J**	**2,000**
	10/17/2018	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0	**32**	**1.6 J**	**120 B**	< 330	< 310	**1,600**
	05/10/2019	< 1.0	**0.84 J**	**11**	< 1.0	< 1.0	< 1.0*	**2.1**	**16**	**73**	**150 J**	**440**	**1,900**
	09/13/2019	< 1.0	< 1.0	**3.5**	< 1.0	< 1.0	< 1.0	**9**	< 2.0	**150**	<83	<77	**3,600**
	12/05/2019	< 1.0	< 1.0	**9.0**	< 1.0	**0.44 J**	< 1.0	**22**	**1.8 J**	**160**	**13**	**210**	**3,800**
	02/12/2020	< 1.0	**0.58 J**	**12.0**	< 1.0	**0.46 J**	< 1.0	**40**	**5.7**	**100 B**	**160**	**690**	**3,000 B**
	06/10/2020	<1.00	<1.00	**3.79**	<1.00	**0.218 J**	<5.00	**5.59**	**0.780 J**	**43.1 T8**	<13.0	**86.3**	**3,200**
	08/19/2020	<1.00	**0.465 J**	**10.8**	<1.00	<1.00	<5.00	**4.74**	**4.86**	**42,500 T8**	**378**	**176**	**3,340**
	11/04/2020	<1.00	**0.552 J**	**12.1**	<1.00	**0.290 J**	<5.00	**6.16**	**3.95**	**28.2 T8**	**816**	**225**	**5,990**
	03/19/2021	<1.00	**0.439 J**	**14.3**	<1.00	**0.342 J**	<5.00	**25.3**	**3.77**	**61.8 P1 T8**	**110**	**661**	**5,200**
	06/02/2021	<1.00	**0.413 J**	**16.2**	<1.00	**0.335 J**	<5.00	**7.18**	**3.61**	**36.4 T8**	**831**	**171**	**6,810**
	08/12/2021	<1.00	**0.455 J**	**22.2**	<1.00	<1.00	<5.00	<1.00 J4	**3.90**	**56.1 B T8**	**437**	**445**	**4,350**
AMW-14-D2	06/23/2016	< 1.0	**0.81 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/26/2016	< 1.0	**0.64 J**	**0.90 J**	< 1.0	< 1.0	< 1.0	**3.6**	< 2.0	NA	NA	NA	NA
	07/27/2016	**0.38 J**	**7.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**18**	< 83	< 77	**210**
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**100**	< 170	< 150	**1,200**
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	**120**	< 330	< 310	**970**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**150 B**	< 330	< 310	**2,200**
	05/10/2019	< 1.0	< 1.0	**0.85 J**	< 1.0	< 1.0	< 1.0	**0.32 J**	<2.0	**150**	< 330	< 310	**1,900**
	09/13/2019	< 1.0	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0	**0.65 J**	<2.0	**160**	<83	<77	**2,600**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.33 J**	<2.0	**170**	**0.74 J**	< 3.0	**2,200**
	02/12/2020	< 1.0	< 1.0	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**120 B**	**1.1 J**	< 3.0	**1,800 B**
	06/10/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	**4.00 J**	**69.7 T8**	<13.0	<13.0	**2,070**
	08/19/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<30.0	**55,800 T8**	<13.0	<13.0	1670
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**26.3 T8**	<13.0	<13.0	**1,970**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**44.6 T8**	<13.0	<13.0	**1,820**
	06/02/2021	<1.00	<1.00	**0.977 J**	<1.00	<1.00	<5.00	**6.49**	<3.00	**47.6 T8**	<13.0	<13.0	**2,330**
	08/12/2021	<1.00	<1.00	**0.198 J**	<1.00	<1.00	<5.00	<1.00	<3.00	**91.0 T8**	<13.0	<13.0	**1,670**
AMW-14-VD	06/23/2016	**0.59 J**	**10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	NA	<13.0	<13.0	1,820
	07/27/2016	**0.41 J**	**8.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	<13.0	<13.0	1,820
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**120**	<13.0	<13.0	**1,820**
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**100**	<13.0	<13.0	**1,820**
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.2**	**82**	<13.0	<13.0	**1,820**
	07/12/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**27**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**0.4**	**5**	**5**	**2**	**5**	**NE**	**NE**	**NE**	**NE**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**mg/L**	**ug/L**	**ug/L**	**ug/L**
AMW-14-VD (cont.)	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**110 B**	< 7.5	< 7.0	**24**
	05/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**130**	<7.5 H	<7.0 H	**12 H**
	09/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**140**	<7.5	<7.0	**20**
	12/05/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**130**	< 4.0	<3.0	**33**
	02/12/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**100 B**	< 4.0	< 3.0	**28 B**
	06/10/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<3.00	**88.9 T8**	<13.0	<13.0	**467**
	08/20/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**82,100 T8**	<13.0	<13.0	**26.4**
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**48.6**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**82.5 T8**	<13.0	<13.0	**51.9**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**99.3 T8**	<13.0	<13.0	**52.7**
AMW-14-VD	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**148 T8**	<13.0	<13.0	**61.1**
AMW-15-D1	06/23/2016	**0.43 J**	**3**	< 1.0	< 1.0	**5.5**	< 1.0	**70**	< 2.0	NA	NA	NA	NA
	07/27/2016	< 5.0	**7.5**	< 5.0	< 5.0	**73**	< 5.0	**410**	**6.5 J**	NA	NA	NA	NA
	10/26/2016	< 10	**18**	< 10	< 10	**48**	< 10	**600 F1**	**15 J**	NA	NA	NA	NA
	10/26/2016	< 4.0	**6.6**	< 4.0	< 4.0	**18**	< 4.0	**240**	**5.5 J**	NA	NA	NA	NA
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**10**	< 8.0	**110**	< 150	< 140	**400**
	08/27/2017	< 4.0	**17**	**28**	< 4.0	< 4.0	< 4.0	**76**	**17**	**27**	**92 J**	**830**	**4,000**
	10/11/2017	< 2.0	**5.9**	**13**	< 2.0	< 2.0	< 2.0	**24**	**12**	**34**	< 330	**470**	**2,400**
	10/17/2018	< 5.0	**1.5 J**	**21**	< 5.0	< 5.0	< 5.0	< 5.0	**19**	**40**	< 660	< 620	**5,100**
	05/09/2019	< 1.0	< 1.0	**7.4**	< 1.0	< 1.0	< 1.0*	**1.1**	**6.3**	**52**	<830	<770	**3,200**
	09/13/2019	< 1.0	< 1.0	**6.7**	< 1.0	< 1.0	< 1.0	**2**	**5.1**	**47**	**290 J**	**150 J**	**4,000**
	12/05/2019	< 1.0	**0.43 J**	**7.1**	< 1.0	< 1.0	< 1.0	**2.2**	**5.8**	**39**	**490**	**550**	**6,200**
	02/11/2020	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0	< 1.0	**1.6 J**	**20 B**	**89**	**49**	**700 B**
	06/10/2020	<5.00	<5.00	**5.47**	<5.00	<5.00	<25.0	<5.00	**6.20 J**	<20.0 T8	**775**	**165**	**6,590**
	08/19/2020	<5.00	<5.00	**4.20 J**	<5.00	<5.00	<25.0	<5.00	**2.96 J**	<20000 T8	**550**	**27.5**	**4,380**
	11/04/2020	<1.00	<1.00	**2.53**	<1.00	<1.00	<5.00	<1.00	**1.61 J**	<20 T8	**722**	<13.0	**5,200**
	03/19/2021	<5.00	<5.00	**5.63**	<5.00	<5.00	<25.0	<5.00	**5.23 J**	**23 T8**	**1,370**	**90.7**	**9,900**
	06/02/2021	<1.00	<1.00	**1.46**	<1.00	<1.00	<5.00	<1.00	**1.14 J**	<20 T8	**298**	<13.0	**1,970**
AMW-15-D2	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 2.0	NA	NA	NA	NA
	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	< 2.0	NA	NA	NA	NA
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**	< 2.0	NA	NA	NA	NA
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.7**	< 2.0	NA	NA	NA	NA
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**30**	< 2.0	NA	NA	NA	NA
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**98**	< 150	< 140	**430**
	08/27/2017	< 4.0	**7.8**	**5.5**	< 4.0	< 4.0	< 4.0	**300**	**12**	**94**	< 170	**37 J**	**880**
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**25**	< 8.0	**68**	< 170	< 150	**280**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**110**	< 330	< 310	**560**
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**130**	<170	<150	**520**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.39 J**	<2.0	**140**	<170	<150	**680**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**120**	**1.3 J**	3 U	**800**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**97 B**	**1.9 J**	< 3.0	**690 B**
	06/09/2020	<1.00	<1.00	**0.209 J**	<1.00	<1.00	<5.00	<1.00	**0.225 J**	**39.8 T8**	<13.0	<13.0	**920**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**46,600 T8**	<13.0	<13.0	**409**
	11/04/2020	<1.00	<1.00	**0.430 J**	<1.00	<1.00	<5.00	<1.00	<3.00	**21.5 T8**	**6.37 J**	<13.0	**809**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	**7.82**	<3.00	**36.2 T8**	<13.0	<13.0	**19.3**
	06/02/2021	<1.00	<1.00	**0.682 J**	<1.00	<1.00	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**1,100**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**46.8 B T8**	<13.0	<13.0	<10.0

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		5	5	5	0.4	5	5	2	5	NE	NE	NE	NE
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
AMW-15-D3	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	**140**	< 4.0	**16**	**17**	**5.1**	< 330	< 310	**2,400**
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 5	< 170	< 150	**610**
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	**20**	< 2.0	< 2.0	< 4.0	**7.6**	< 330	< 310	**1,500**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**	< 1.0	< 1.0	< 3.0	**100**	< 170	< 150	**2,800**
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	**0.39 J**	< 1.0	< 1.0	<2.0	**140**	<330	<310	**1,600**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	**0.54 J**	< 1.0	< 1.0	<2.0	**130**	< 170	< 150	**1,400**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**100**	< 4.0	< 3.0	**1,400**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**	< 1.0	**0.57 J**	<2.0	**85 B**	**3.1 J**	< 3.0	**1,100 B**
	06/09/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**29.8 T8**	<13.0	<13.0	**1,340**
	08/19/2020	<1.00	<1.00	**0.226 J**	<1.00	**8.84**	<5.00	<1.00	**0.376 J**	**52,200 T8**	**19.0**	<13.0	**2,800**
	11/04/2020	<1.00	<1.00	**<1.00**	<1.00	**4.31**	<5.00	<1.00	**0.174 J**	**23.4 T8**	<13.0	<13.0	**2,010**
	03/19/2021	<1.00	**2.41**	**0.435 J**	<1.00	**51.1**	<5.00	**7.44**	**4.59**	<20 T8	**76.3**	**6.25 J**	**6,270**
	06/01/2021	<1.00	**0.448 J**	**0.213 J**	<1.00	**15.3**	<5.00	**1.29**	**0.930 J**	<20 T8	**36.7**	<13.0	**4,700**
	08/12/2021	<1.00	**2.49**	**0.533 J**	<1.00	**56.8**	<5.00	**4.44**	**5.08**	<20 T8	**49.4**	<13.0	**6,110**
AMW-15-VD	06/23/2016	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/27/2016	< 1.0	**15**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**31**	< 7.5	< 7.0	**24**
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3**	**40**	< 7.5	< 7.0	**8**
	07/13/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**41**	< 7.5	< 7.0	**37**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**37**	< 7.5	< 7.0	**27**
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**17**	<7.5 H	<7.0 H	**25 H**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**49**	<7.5	<7.0	**22**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**22**	< 4.0	< 3.0	**51**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	**11 B**	< 4.0	< 3.0	**38 B**
	06/09/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**54.9**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**29,500 T8**	<13.0	<13.0	**44.9**
	11/04/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**63.3**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**21.7 T8**	<13.0	<13.0	**64.5**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**7.310 J T8**	<13.0	<13.0	**76.2**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**53.2 B T8**	<13.0	<13.0	<10.0
AMW-3	01/13/2016	< 5.0	**6.9**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**20**	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
AMW-7R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	NA	NA	NA	NA
	07/11/2018	< 2.0	**1.0 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	**82**	< 330	< 310	**3,500**
	10/17/2018	< 1.0	**0.60 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.61 J**	**94 B**	< 330	< 310	**5,800**
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.3 J**	**94**	< 330 UH	< 310 UH	**3,100 H**
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**110**	<170	<150	**3,600**
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.73 J**	**47**	**1.6 J**	< 3.0	**6,200**
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.86 J**	**52 B**	**2.4 J**	< 3.0	**5,500 B**
	06/09/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	**1.66 J**	**38.1 T8**	<13.0	<13.0	**9,370**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**0.990 J**	**46300 T8**	<13.0	<13.0	**3550**
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**0.241 J**	**44.3 T8**	**4.44 J**	<13.0	**7,880**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**0.4**	**5**	**5**	**2**	**5**	**NE**	**NE**	**NE**	**NE**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**mg/L**	**ug/L**	**ug/L**	**ug/L**
AMW-7R (cont.)	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**32.1 T8**	<13.0	<13.0	**7,700**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**2.53 J**	**36.4 T8**	<13.0	<13.0	**10,100**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**71.3 T8**	<13.0	<13.0	**4,930**
ASB-2	06/06/2016	**1.4**	**0.87 J**	< 1.0	< 1.0	**4.4**	< 1.0	**6**	< 2.0	NA	NA	NA	NA
ASB-3	06/08/2016	**1.3**	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	**81**	< 2.0	NA	NA	NA	NA
ASB-4	06/07/2016	**6.7**	**9**	**13**	< 5.0	**1500 E**	< 5.0	**400**	**36**	NA	NA	NA	NA
ASB-5	06/02/2016	**1.2**	< 1.0	< 1.0	< 1.0	**4.8**	< 1.0	**11**	**0.89 J**	NA	NA	NA	NA
ASB-7	06/02/2016	**1.2 J**	< 2.0	< 2.0	< 2.0	**1.7 J**	< 2.0	**31**	< 4.0	NA	NA	NA	NA
MW-18R	06/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA
	07/11/2018	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40	**2.2 J**	< 660	< 620	**3,800**
	10/17/2018	< 5.0	**4.1 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**5.2 J**	**11 B**	< 660	< 620	**9,700**
	09/14/2019	< 1.0	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**7.1**	**32**	<660	<620	**13,000**
	12/05/2019	< 1.0	**4.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**5.2**	**3 J**	**21**	**0.81 J**	**16,000**
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**3.9 J B**	< 4.0	< 3.0	**89**
	06/09/2020	<5.00 J4	**3.31 J**	<5.00	<5.00	<5.00 J4	<25.0	<5.00	**5.52 J**	<20.0 T8	**8.80 J**	<13.0	**5,640**
	03/19/2021	<1.00	**2.36**	<1.00	<1.00	<1.00	<5.00	<1.00	**4.41**	<20 T8	**19**	<13.0	**8,840**
	06/02/2021	<1.00	**0.979 J**	<1.00	<1.00	<1.00	<5.00	<1.00	**1.50 J**	<20 T8	<13.0	<13.0	**5,700**
	08/12/2021	<1.00	**3.92**	<1.00	<1.00	<1.00	<5.00	<1.00 J4	**5.64**	**42.3 B T8**	**13.5**	<13.0	**12,300**
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA
	10/26/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/05/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**82**	< 150	< 140	**150**
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**75**	< 83	< 77	**1,500**
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**55**	< 170	< 150	**1,300**
	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**64**	< 330	< 310	**4,800**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 3.0	**63**	< 660	< 620	**3,600**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.26 J**	< 2.0	**68**	<83	<77	**1,400**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**660**	**8.2**	< 3.0	**2,100**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**10 B**	**3.3 J**	< 3.0	**770 B**
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**0.190 J**	**29.6 T8**	**6.78 J**	<13.0	**1,560**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**41,200 T8**	**6.95 J**	<13.1	**1,780**
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**23.9 T8**	**7.51 J**	<13.0	**2,040**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**29.3 T8**	<13.0	<13.0	**303**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**22.3 T8**	<13.0	<13.0	**876**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**30.8 B T8**	<13.0	<13.0	**944**
MW-23-D2R	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**130**	< 38	< 35	**73**
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**110**	< 83	< 77	**360**
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 2.0	**100**	< 170	< 150	**200**
	07/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**32**	< 170	< 150	**290**
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**32**	< 170	< 150	**290**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**140**	< 170	< 150	**700**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**69**	**2.9 J**	< 3.0	**1,500**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**54,100 T8**	<13.0	<13.0	**1,190**
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**32.6 T8**	<13.0	<13.0	**1,020**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		5	5	5	0.4	5	5	2	5	NE	NE	NE	NE
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	03/18/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**53.5 T8**	<13.0	<13.0	**61**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**61.5 T8**	<13.0	<13.0	**878**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**35.9 B T8**	<13.0	<13.0	**1,070**
MW-24-D1R	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**99**	< 10	NA	NA	NA	NA
	06/21/2016	< 4.0	< 4.0	**11**	< 4.0	< 4.0	< 4.0	**35**	**9.3**	NA	NA	NA	NA
	10/26/2016	< 1.0	**0.68 J**	**6.5**	< 1.0	< 1.0	< 1.0	**33**	**7.2**	NA	NA	NA	NA
	10/26/2016	< 1.0	**0.64 J**	**6.8**	< 1.0	< 1.0	< 1.0	**15**	**6.6**	NA	NA	NA	NA
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	NA	NA	NA	NA
	07/12/2018	< 8.0	**23**	**22**	< 8.0	< 8.0	< 8.0	**160**	**29**	**67**	**130 J**	**1,100**	**5,900**
	10/16/2018	< 5.0	**17**	**12**	< 5.0	< 5.0	< 5.0	**22**	**25**	**59**	< 660	**550 J**	**6,000**
	05/09/2019	< 1.0	**1.5**	**2.0**	< 1.0	< 1.0	< 1.0	**1.5**	**3.6**	**98**	< 330	< 310	**1,600**
	09/13/2019	< 1.0 [<1.0]	**7.2 [6.4]**	**16**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**8.0 [9.2]**	**33 [30]**	**36 [51]**	**750 [730]**	**100 J [99 J]**	**7,300 [7,700]**
	12/05/2019	< 1.0 [<1.0]	**1.4 [2.3]**	**7.0 [16]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**3.4 [5.4]**	**11 [29]**	**30 [60]**	**320 [880]**	**88 [280]**	**2,400 [8,400]**
	02/11/2020	< 1.0 [<1.0]	**0.9 J [2.5]**	**9.5 [14]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**2.3 [7.9]**	**24 [37]**	**57 B [57 B]**	**520 [520]**	**110 [270]**	**4,500 B [5900]**
	06/09/2020	<5.00 [<5.00]	**1.62 J [<5.00]**	**12.2 [13.8]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**2.86 J [<5.00]**	**31.1 [34.4]**	**47.8 T8 [38.3 T8]**	**419 [549]**	**230 [147]**	**5,930 [6,460]**
	08/19/2020	<5.00 [<5.00]	<5.00 [<5.00]	**12.9 [13.2]**	<5.00	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	**26.9 [26.3]**	**47,000 T8 [46,300 T8]**	**589 [566]**	**116 [111]**	**6,530 [6,280]**
	11/05/2020	<5.00 [<5.00]	<5.00 [<5.00]	**12.8 [9.50]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	**24.1 [18.6]**	**57.2 T8 [48.7 T8]**	**794 [609]**	**274 [219]**	**12,600 [9,970]**
	03/19/2021	<1.00 [<5.00]	**1.42 [<5.00]**	**12.6 [11.4]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	**23.8 [22.7]**	**<20 T8 [38 T8]**	**647 [752]**	**209 [219]**	**10,400 [11,100]**
	06/01/2021	<1.00 [<5.00]	**0.944 J [<5.00]**	**12.9 [10.5]**	<1.00 [<5.00]	**0.214 J [<5.00]**	<5.00 [<25.0 C3]	**1.06 [2.21 C3 J]**	**20.2 [18.0]**	**38.9 T8 [26.2 T8]**	**480 [451]**	**145 [139]**	**7,940 [6,890]**
MW-24-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**180**	< 10	NA	NA	NA	NA
	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**170**	< 10	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	**0.98 J**	< 1.0	< 1.0	< 1.0	**38**	< 2.0	NA	NA	NA	NA
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**20**	< 8.0	NA	NA	NA	NA
	10/25/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**280 F1**	< 10	NA	NA	NA	NA
	07/05/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**250 F1**	< 16	**130**	< 150	< 140	**130**
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**72**	< 16	**110**	< 170	< 150	**980**
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**18**	< 4.0	**54**	< 170	< 150	**410**
	07/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	**15**	< 7.5	< 7.0	**44**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.23 J**	< 3.0	**5.7**	< 170	< 150	**370**
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**5.0**	< 7.5	< 7.0	< 4.0
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**15.0**	< 7.5	< 7.0	< 4.0
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**26**	**1.5 J**	**0.57 J**	**270**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**8 B**	**2.7 J**	< 3.0	**210 B**
	06/09/2020	<1.00 J4	<1.00	**0.716 J**	<1.00	<1.00 J4	<5.00	**0.269 J**	<3.00	<20.0 T8	**25.3**	<13.0	**2,180**
	08/18/2020	<1.00	<1.00	**0.359 J**	<1.00	<1.00	<5.00	<1.00	<3.00	<20,000 T8	**13.7**	<13.0	**1,200**
	11/05/2020	<1.00	<1.00	**1.13**	<1.00	**0.244 J**	<5.00	<1.00	<3.00	<20 J T8	**57.4**	<13.0	**5,720**
	03/19/2021	<1.00	<1.00	**1.19**	<1.00	<1.00	<5.00	<1.00	<3.00	**24.7 T8**	**44.7**	<13.0	**4,500**
	06/01/2021	<1.00	<1.00	**0.720 J**	<1.00	<1.00	<5.00	<1.00	<3.00	**22.5 T8**	**24.8**	<13.0	**1,920**
MW-24-VDR	07/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**89**	**2.1 J**	**2.3 J**	**160**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.55 J**	< 3.0	**79**	< 7.5	< 7.0	**120**
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.40 J**	< 2.0	**92**	< 83	< 77	**13 J**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.35 J**	< 2.0	**92**	<7.5	<7.0	**26**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**3.8 J**	< 4.0	**1.7 J**	**28**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**85 B**	< 4.0	<3.0	**40 B**
	06/09/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<3.00	**57.7 T8**	<13.0	<13.0	**77.0**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		5	5	5	0.4	5	5	2	5	NE	NE	NE	NE
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
MW-24-VDR (cont.)	08/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**75,500 T8**	<13.0	<13.0	**55.8**
	11/05/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**28.5 T8**	<13.0	<13.0	**68.1**
	03/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**81.7 T8**	<13.0	<13.0	**87.1**
	06/01/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**45.7 T8**	<13.0	<13.0	**56.0**
MW-26-D1	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**16**	< 10	NA	NA	NA	NA
	06/22/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**20**	< 8.0	NA	NA	NA	NA
	10/25/2016	< 10	< 10	< 10	< 10	< 10	< 10	**18**	< 20	NA	NA	NA	NA
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**51**	< 8.0	NA	NA	NA	NA
	07/05/2017	< 10	< 10	< 10	< 10	< 10	< 10	**28**	< 20	**120**	< 150	< 140	**250**
	08/27/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	**95**	< 170	< 150	**1,200**
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	**10**	< 7.5	< 7.0	**10**
	07/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**13**	< 4.0	**110**	< 330	< 310	**2,900**
	10/17/2018	< 1.0	**0.23 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**65 B**	< 170	< 150	**1,800**
	09/13/2019	< 1.0	**0.67 J**	**1.0**	< 1.0	< 1.0	< 1.0	**19**	< 2.0	**79**	< 170	< 150	**4,100**
	12/06/2019	< 1.0	**0.4 J**	**0.74 J**	< 1.0	< 1.0	< 1.0	**12**	< 2.0	**64**	5.3	21	**2,400**
	02/11/2020	< 1.0	**0.46 J**	**0.92 J**	< 1.0	< 1.0	< 1.0	**26**	< 2.0	**45 H B**	4.9	21	**1,900 B**
	06/10/2020	<1.00	**0.516 J**	**2.36**	<1.00	<1.00	<5.00	**79.3**	**1.74 J**	**72.0 T8**	**15.0**	**65.8**	**3,260**
	08/19/2020	<1.00	<1.00	**1.57**	<1.00	<1.00	<5.00	**39**	**1.02 J**	**34,800 T8**	**7.93 J**	**23.2**	**2,030**
	11/06/2020	<1.00	<1.00	**1.42**	<1.00	<1.00	<5.00	**38.8 C5**	**0.793 J**	**58.2 T8**	**12.7 J**	**39.2**	**2,820**
	06/02/2021	<1.00	**0.685 J**	**3.67**	<1.00	<1.00	<5.00	**62.4**	**2.02 J**	**69.9 T8**	**31.9**	**113**	**3,910**
	08/12/2021	<1.00	**0.326 J**	**2.54**	<1.00	<1.00	<5.00	**38.6 C5 J4**	**1.11 J**	**46 B T8**	**25.3**	**98.1**	**3,810**
MW-26-D2	01/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 2.0	NA	NA	NA	NA
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**130**	< 7.5	< 7.0	**76**
	08/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 16	**110**	< 83	< 77	**92**
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**55**	< 170	< 150	**670**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**110 B**	< 170	< 150	**1,100**
	05/09/2019	< 1.0	< 1.0	**0.90 J**	< 1.0	**0.50 J**	< 1.0	**1.5**	< 2.0	**130**	< 660	< 620	**750**
	09/13/2019	< 1.0	< 1.0	**0.56 J**	< 1.0	< 1.0	1.0 U	< 1.0	< 2.0	**150**	<83	<77	**1,000**
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**140**	**1.1 J**	< 3.0	**1,300**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**83 B**	**0.8 J**	< 3.0	**710 B**
	06/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**0.218 J**	**57.8 T8**	<13.0	<13.0	**1,340**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**47,900 T8**	<13.0	<13.0	**360**
MW-26-VD	01/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-27-D1R	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.97 J**	< 2.0	NA	NA	NA	NA
	07/05/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**28**	< 4.0	**26**	< 380	< 350	**550**
	08/27/2017	< 2.0	< 2.0	**5**	< 2.0	< 2.0	< 2.0	**110**	< 4.0	**100**	< 170	< 150	**1,100**
	07/13/2018	< 2.0	**1.6 J**	**4.1**	< 2.0	< 2.0	< 2.0	**88**	< 4.0	**140**	< 660	< 620	**3,700**
	10/18/2018	< 1.0	**1**	< 1.0	< 1.0	**0.26 J**	< 1.0	**70**	< 3.0	**150 B**	< 170	< 150	**3,900**
	05/10/2019	< 1.0	**0.44 J**	**0.96 J**	< 1.0	< 1.0	< 1.0	**17**	< 2.0	**97**	< 83	< 77	**1,600**
	09/14/2019	< 1.0	**1.2**	**2.3**	< 1.0	< 1.0	< 1.0	**25**	**1.2 J**	**170**	<330	<310	**1,600**

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Table 3
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Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		5	5	5	0.4	5	5	2	5	NE	NE	NE	NE
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
MW-27-D1R (cont.)	12/05/2019	< 1.0	**1.7**	**3.6**	< 1.0	**0.37 J**	1.0 U	**61**	**1.6 J**	**170**	**5.5**	**40**	**2,600**
	08/19/2020	<5.00	<5.00	**1.52 J**	<5.00	<5.00	<25.0	**33.6**	**1.12 J**	**55,300 T8**	<13.0	**19.9**	**1,530**
	11/06/2020	<5.00	<5.00	**2.01 J**	<5.00	<5.00	<25.0	**26.0 C5**	<15.0	**83.4 T8**	<13.0	**27.8**	**2,010**
	03/20/2021	<1.00	**0.450 J**	**1.82**	<1.00	<1.00	<5.00	**26.9**	**0.593 J**	**56.6 T8**	**9.14 J**	**39.4**	**3,920**
	06/02/2021	<1.00	**0.774 J**	**2.80**	<1.00	**0.349 J**	<5.00	**45.5**	**1.05 J**	**88.9 T8**	<13.0	**46.0**	**2,310**
	08/12/2021	<1.00	**0.544 J**	**1.87**	<1.00	**0.230 J**	<5.00	**23.9**	**0.820 J**	**103 T8**	**6.78 J**	**42.1**	**2,260**
MW-27-D2	01/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/21/2016	< 4.0	**17**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**68**	NA	NA	NA	NA
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**130**	< 75	< 70	**53**
	08/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**100**	< 83	< 77	**180**
	10/12/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**81**	< 170	< 150	**350**
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**140**	< 330	< 310	**1,500**
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**130 B**	< 170	< 150	**1,200**
	05/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**66**	< 170	< 150	**310**
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**150**	< 170	< 150	**1,200**
	12/05/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**150**	< 4.0	< 3.0	**1,600**
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**110 B**	< 4.0	< 3.0	**910 B**
	06/10/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	**0.181 J**	**98.7 T8**	<13.0	<13.0	**1,100**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**75,400 T8**	<13.0	<13.0	**876**
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**60.9 T8**	<13.0	<13.0	**408**
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**93.9 T8**	<13.0	<13.0	**907**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**56.2 T8**	<13.0	<13.0	**794**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**127 T8**	<13.0	<13.0	**180**
MW-28-D1	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**51**	< 150	< 140	**290**
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**15**	< 170	< 150	**1,000**
	10/11/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**3.8 J**	< 170	< 150	**520**
	10/17/2018	< 1.0	**0.39 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.6 J**	**8.9 B**	< 330	< 310	**1,500**
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.47 J**	**120**	< 660	< 620	**1,300**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	**2.2**	**160**	<170	<150	**1,600**
	12/05/2019	< 1.0	**0.53 J**	**0.25 J**	< 1.0	< 1.0	< 1.0	**0.68 J**	**1.9 J**	**75**	**33**	**15**	**2,500**
	02/11/2020	< 1.0	**0.62 J**	**0.35 J**	< 1.0	< 1.0	< 1.0	**1.7**	**3**	**73 B**	**25**	**11**	**1,800 B**
	06/09/2020	<1.00 J4	**0.578 J**	**0.205 J**	<1.00	<1.00 J4	<5.00	**0.625 J**	**3.11**	**26.5 T8**	**12.2 J**	<13.0	**1,140**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**1.02 J**	**23,000 T8**	<13.0	<13.0	**361**
	11/06/2020	<1.00	**0.497 J**	**0.362 J**	<1.00	<1.00	<5.00	<1.00	**4.11**	**73.8 T8**	**46.5**	<13.0	**4,740**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**1.72 J**	**35.7 T8**	<13.0	<13.0	**788**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	**1.62 J**	**41.9 B T8**	<13.0	<13.0	**1,380**
MW-28-D2R	06/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/28/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	07/05/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**67**
	08/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**120**	< 83	< 77	**62**
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**91**	< 170	< 150	**370**
	07/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	**91**	< 330	< 310	**880**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	**140 B**	< 170	< 150	**240**
	05/09/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**42**	< 330	< 310	**730**
	09/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**160**	<7.5	<7.0	**620**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics								GC Volatiles - RSK-175			
		Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**0.4**	**5**	**5**	**2**	**5**	**NE**	**NE**	**NE**	**NE**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**mg/L**	**ug/L**	**ug/L**	**ug/L**
MW-28-D2R (cont.)	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**160**	< 4.0	<3.0	**310**
	02/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**100 B**	< 4.0	< 3.0	**1,000 B**
	06/09/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<3.00	**90.0 T8**	<13.0	<13.0	**239**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**90,300 T8**	<13.0	<13.0	**212**
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**85.8 T8**	<13.0	<13.0	**618**
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**68 T8**	<13.0	<13.0	**416**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**68.1 T8**	<13.0	<13.0	**465**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**125 T8**	<13.0	<13.0	**191**
MW-29-D1	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	06/21/2016	< 1.0	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2**	NA	NA	NA	NA
	10/26/2016	< 1.0	**3.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**9.7**	NA	NA	NA	NA
	10/26/2016	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4**	NA	NA	NA	NA
	07/05/2017	< 2.0	**2.3**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.7 J**	**180**	< 300	< 280	**680**
	08/27/2017	< 2.0	**1.7 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**4.3**	**150**	< 660	< 620	**11,000**
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**4.3 J**	**140**	< 170	< 150	**5,200**
	07/13/2018	< 4.0	**3.0 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**5.5 J**	**180**	< 660	< 620	**15,000**
	10/18/2018	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8.1**	**210 B**	< 1700	< 1500	**19,000**
	05/10/2019	< 1.0	**2.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.3**	**190**	< 83	< 77	**9,300 E**
	09/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**40**	<170	<150	**3,200**
	12/06/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**28**	**1 J**	< 3.0	**1,100**
	02/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	**15 B**	< 4.0	< 3.0	**340 B**
	06/10/2020	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<3.00	**53.4 T8**	**5.33 J**	<13.0	**10,700**
	08/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**39,600 T8**	<13.0	<13.0	**6,710**
	11/06/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**31.7 T8**	**10.6 J**	<13.0	**10,700**
	03/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**30.9 T8**	**9.15 J**	<13.0	**6,640**
	06/02/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<3.00	**27.3 T8**	<13.0	<13.0	**660**
	08/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4	<3.00	**51.4 B T8**	<13.0	<13.0	**4,950**
MW-29-D2	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-29-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA
	06/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-30-D1	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-30-D2	01/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA
	01/14/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-30-VD	01/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-31-D1R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
MW-31-D2R	01/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA
	06/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-12	01/14/2016	NA	NA	NA	NA	NA	NA
AMW-13-D1	06/24/2016	**3,500**	**510 B**	NA	**569,000 B**	**5,69,000 B**	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
AMW-13-D2	06/23/2016	**2,700**	**740 B**	NA	**1100 B**	**7,32,000 B**	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
AMW-13-VD	06/23/2016	**26,100**	**1100 B**	NA	**1100 B**	**7,32,000 B**	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
AMW-14-D1	06/24/2016	**410**	**370 B**	NA	**< 140**	**8,86,000 B**	NA
	07/26/2016	NA	NA	NA	NA	NA	NA
	07/05/2017	**4,700**	**48**	**16,90,000 ^**	NA	**7,16,000 B**	**3,060**
	08/27/2017	**5,200**	**49 B**	**1,730,000**	NA	**5,63,000 B**	**3,130**
	10/11/2017	**4,400**	**48 B**	**1,590,000**	NA	**563,000**	**1,860**
	07/12/2018	**1,600**	**14 B**	**975,000**	NA	**6,23,000 B**	**2,970**
	10/17/2018	**5,000**	**55 B**	**1,560,000**	NA	**673,000**	**3,620**
	05/10/2019	**5,780**	**94.9**	**1,740,000**	NA	**805,000**	**3,700**
	09/13/2019	**3,630**	**70.2**	**1,680,000**	NA	**779,000**	**3,000**
	12/05/2019	**6,940**	**59**	**1,100,000**	NA	**582,000**	**2,100**
	02/12/2020	**5,170**	**41.1**	**967,000**	NA	**386,000**	**2,400**
	06/10/2020	**1,800**	**33.3**	**1,380,000**	NA	**613,000**	**2,750**
	08/19/2020	**8,480**	**131**	**1,930,000**	NA	**678**	**2,950**
	11/04/2020	**3,130**	**22.0**	**986,000**	NA	**581,000**	**3,030**
	03/19/2021	**12,500**	**150**	**1,950,000**	NA	**808,000**	**3,950**
	06/02/2021	**3,040**	**70.9**	**1,890,000**	NA	**719,000**	**3,180**
	08/12/2021	**5,080**	**88.3**	**2,060,000**	NA	**637,000**	**2,480**
AMW-14-D2	06/23/2016	**6,600**	**510 B**	NA	**740 B**	**7,40,000 B**	NA
	07/26/2016	NA	NA	NA	NA	NA	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
	08/27/2017	**34 J**	**16 B**	**13,500**	NA	**4,39,000 B**	**4,930**
	10/11/2017	**17,300**	**760 B**	**3,260,000**	NA	**830,000**	**4,070**
	07/12/2018	**2,500**	**78 B**	**2,210,000**	NA	**7,85,000 B**	**4,380**
	10/17/2018	**2,700**	**100 B**	**2,230,000**	NA	**4,85,000 B**	**4,510**
	05/10/2019	**548**	**80.1**	**2,080,000**	NA	**822,000**	**4,200**
	09/13/2019	**1,870**	**86.3**	**2,070,000**	NA	**823,000**	**3,400**
	12/05/2019	**6,830**	**135**	**2,380,000**	NA	**727,000**	**4,200**
	02/12/2020	**5,590**	**116**	**1,630,000**	NA	**810,000**	**4,500**
	06/10/2020	**5,070**	**119**	**1,990,000**	NA	**744,000**	**4,190**
	08/19/2020	**17,800**	**340**	**2,510,000**	NA	**832**	**4,380**
	11/05/2020	**3,290**	**104**	**1,950,000**	NA	**692,000**	**4,330**
	03/19/2021	**28,300**	**506**	**2,530,000**	NA	**750,000**	**5,310**
	06/02/2021	**4,590**	**137**	**2,340,000**	NA	**473,000**	**3,020**
	08/12/2021	**1,450**	**111**	**2,410,000**	NA	**841,000**	**4,350**
AMW-14-VD	06/23/2016	**28,300**	**506**	2,530,000	**427**	**427,000**	NA
	07/27/2016	28,300	506	2,530,000	NA	NA	NA
	07/05/2017	**28,300**	**506**	**2,530,000**	NA	**4,40,000 B**	**15,200**
	08/27/2017	**28,300**	**506**	**2,530,000**	NA	**4,15,000 B**	**15,400**
	10/11/2017	**28,300**	**506**	**2,530,000**	NA	**454,000**	**16,200**
	07/12/2018	**18,400**	**410 B**	**8,660,000**	NA	**4,72,000 B**	**19,400**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-14-VD (cont.)	10/17/2018	18,500	390 B	9,100,000	NA	4,09,000 B	16,300
	05/10/2019	14,700	387	71,50,000 B	NA	493,000	110,000
	09/13/2019	15,200	376	6,810,000	NA	493,000	14,000
	12/05/2019	18,800	432	8,960,000	NA	493,000	17,000
	02/12/2020	12,800	339	5,740,000	NA	495,000	15,000
	06/10/2020	17,600	381	8,070,000	NA	528,000	18,000
	08/20/2020	16700	389	8,790,000	NA	527	17,000
	11/05/2020	18,000	396	7,940,000	NA	501,000	17,200
	03/19/2021	18,500	395	8,320,000	NA	522,000	17,300
	06/02/2021	18,900	396	8,510,000	NA	542,000	16,100
AMW-14-VD	08/12/2021	19,400	393	8,190,000	NA	540,000	16,700
AMW-15-D1	06/23/2016	2,200	500 B	NA	602	602,000	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
	10/26/2016	1,900 B	70 B	NA	130	130,000	NA
	10/26/2016	95 B	110 B	NA	528	528,000	NA
	07/05/2017	2,100	84	17,50,000 ^	NA	597,000	73.2
	08/27/2017	12,400	170 B	1,520,000	NA	4,71,000 B	2,480
	10/11/2017	6,900	100 B	17,10,000 ^	NA	641,000	2,760
	10/17/2018	3,900	320	989,000	NA	442,000	1,910
	05/09/2019	3,340	335	1,170,000	NA	422,000	2,500
	09/13/2019	3,740	311	1,160,000	NA	254,000	1,700
	12/05/2019	3,550	243	1,200,000	NA	424,000	2,000
	02/11/2020	4,740	303	1,050,000	NA	206,000	1,800
	06/10/2020	512	150	1,050,000	NA	393,000	2,010
	08/19/2020	1,320	126	1,460,000	NA	442	1990
	11/04/2020	800	80.5	1,030,000	NA	425,000	2,250
	03/19/2021	13,700	113	1,210,000	NA	598,000	2,590
	06/02/2021	597	55.6	1,040,000	NA	466,000	2,050
AMW-15-D2	06/23/2016	110	5.8 B	NA	50 B	1,81,000 B	NA
	06/23/2016	120	6.3 B	NA	185	185,000	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
	10/26/2016	50 B	85 B	NA	99.9	99,900	NA
	10/26/2016	< 50	98 B	NA	600	600,000	NA
	07/05/2017	700	110	20,90,000 ^	NA	687,000	3,700
	08/27/2017	3,500	140 B	2,200,000	NA	6,73,000 B	3,650
	10/11/2017	4,500	130 B	21,50,000 ^	NA	811,000	3,710 F1
	10/17/2018	750	55	2,130,000	NA	461,000	3,790
	05/10/2019	328	72	2,030,000	NA	672,000	4,200
	09/13/2019	493	54.6	2,030,000	NA	649,000	3,800
	12/05/2019	739	62.7	1,870,000	NA	636,000	4,000
	02/11/2020	978	69.9	1,820,000	NA	651,000	4,200
	06/09/2020	595	75.7	1,580,000	NA	610,000	3,750
	08/19/2020	10,500	150	2,230,000	NA	413	2410
	11/04/2020	963	76.6	1,940,000	NA	540,000	4,150
	03/19/2021	14,800	258	2,220,000	NA	590,000	3,500
	06/02/2021	10,100	97.9	2,220,000	NA	313,000	935
	08/12/2021	1,850	100	2,010,000	NA	578,000	3,140

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-15-D3	06/23/2016	**98**	**250 B**	NA	**2,980,000 ^**	**6,17,000 B**	NA
	06/23/2016	**120**	**240 B**	NA	**< 5**	**12,200 B**	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
	08/27/2017	**2,300**	**450 B**	**29,80,000 ^**	NA	**4,08,000 B**	**4,230**
	10/11/2017	**450**	**99 B**	**25,00,000 ^**	NA	**508,000**	**7,530**
	07/13/2018	**3,100**	**1,100 B**	**3,870,000**	NA	**5,18,000 B**	**4,670**
	10/17/2018	**260**	**200**	**2,610,000**	NA	**108,000**	**7,380**
	05/10/2019	**301**	**222**	**2,730,000**	NA	**616,000**	**8,800**
	09/13/2019	**612**	**231**	**2,720,000**	NA	**646,000**	**4,400**
	12/05/2019	**349**	**97.4**	**1,550,000**	NA	**594,000**	**5,300**
	02/11/2020	**3,631**	**106**	**1,330,000**	NA	**626,000**	**2,600**
	06/09/2020	**1,130**	**138**	**1,690,000**	NA	**676,000**	**4,630**
	08/19/2020	**3,030**	**871**	**3,930,000**	NA	**479**	**8160**
	11/04/2020	**795**	**131**	**1,660,000**	NA	**649,000**	**4,790**
	03/19/2021	**439**	**484**	**2,960,000**	NA	**310,000**	**3,000**
	06/01/2021	**657**	**628**	**3,350,000**	NA	**493,000**	**683**
	08/12/2021	**92.4 J**	**1.65 J**	**462,000**	NA	**567,000**	**639**
AMW-15-VD	06/23/2016	**4,200**	**200 B**	NA	**303**	**303,000**	NA
	07/27/2016	NA	NA	NA	NA	NA	NA
	08/27/2017	**11,800**	**350 B**	**8,910,000**	NA	**135,000 B**	**16,100**
	10/11/2017	**11,700**	**340 B**	**91,80,000 ^**	NA	**329,000**	**16,000**
	07/13/2018	**10,600**	**320 B**	**8,290,000**	NA	**3,57,000 B**	**19,200**
	10/17/2018	**10,700**	**310**	**8,770,000**	NA	**271,000**	**13,200**
	05/10/2019	**3,600**	**287**	**8,560,000**	NA	**432,000**	**18,000**
	09/13/2019	**7,650**	**192**	**5,240,000**	NA	**429,000**	**16,000**
	12/05/2019	**5,150**	**220**	**6,360,000**	NA	**478,000**	**17,000**
	02/11/2020	**2,850**	**157**	**4,770,000**	NA	**468,000**	**15,000**
	06/09/2020	**5,330**	**213**	**6,680,000**	NA	**517,000**	**18,000**
	08/19/2020	**6,080**	**230**	**6,370,000**	NA	**509**	**17,000**
	11/04/2020	**4,530**	**280**	**8,440,000**	NA	**523,000**	**17,300**
	03/19/2021	**10,200**	**288**	**8,660,000**	NA	**523,000**	**17,300**
	06/02/2021	**663**	**12.8**	**204,000**	NA	**238,000**	**6,130**
	08/12/2021	**5,030**	**538**	**31,600**	NA	**529,000**	**16,500**
AMW-3	01/13/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	**16,200**	**1,400 B**	NA	**351**	**351,000**	NA
AMW-7R	01/12/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	**170**	**74 B**	NA	**2,900 B**	**1,99,000 B**	NA
	07/11/2018	**20,000**	**2,500 B**	**199,000**	NA	**8,81,000 B**	**253**
	10/17/2018	**12,500**	**2,900 B**	**168,000**	NA	**997,000**	**192**
	05/10/2019	**8,080**	**2,770**	**105,000**	NA	**558,000**	**120 F1**
	09/14/2019	**6,840**	**2,770**	**95,700**	NA	**651,000**	**62**
	12/06/2019	**4,790**	**1,420**	**93,300**	NA	**462,000**	**80**
	02/12/2020	**24,900**	**2,730**	**86,900**	NA	**597,000**	**85**
	06/09/2020	**16,000**	**2,270**	**93,200**	NA	**516,000**	**100**
	08/19/2020	**94900**	**3080**	**113,000**	NA	**656**	**86.6**
	11/06/2020	**33,200**	**3,500**	**111,000**	NA	**723,000**	**78.2**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-7R (cont.)	03/19/2021	**35,500**	**2,390**	**234,000**	NA	**615,000**	**547**
	06/02/2021	**21,800**	**2,160**	**168,000**	NA	**514,000**	**262**
	08/12/2021	**8,720**	**2,450**	**193,000**	NA	**708,000**	**181**
ASB-2	06/06/2016	NA	NA	NA	NA	NA	NA
ASB-3	06/08/2016	NA	NA	NA	NA	NA	NA
ASB-4	06/07/2016	NA	NA	NA	NA	NA	NA
ASB-5	06/02/2016	NA	NA	NA	NA	NA	NA
ASB-7	06/02/2016	NA	NA	NA	NA	NA	NA
MW-18R	06/22/2016	**11,500 B**	**470 B**	NA	**20,000 B**	**5,15,000 B**	NA
	07/11/2018	**1,400**	**17 B**	**161,000**	NA	**1,84,000 B**	**367**
	10/17/2018	**450**	**26 B**	**193,000**	NA	**365,000**	**259**
	09/14/2019	**11,700**	**110**	**310,000**	NA	**386,000**	**480**
	12/05/2019	**3,100**	**30.8**	**323,000**	NA	**225,000**	**400**
	02/12/2020	**9,770**	**49.9**	**45,100**	NA	**24,400**	**77**
	06/09/2020	**5,240**	**28.9**	**204,000**	NA	**101,000**	**269**
	03/19/2021	**1,450**	**11.7**	**191,000**	NA	**131,000**	**223**
	06/02/2021	**1,270**	**18.5**	**362,000**	NA	**83,300**	**835**
	08/12/2021	**1,250**	**59.9**	**609,000**	NA	**206,000**	**1,340**
MW-23-D1R	10/26/2016	< 50	**21 B**	NA	**555**	**555,000**	NA
	10/26/2016	**240 B**	**670 B**	NA	**525**	**525,000**	NA
	01/12/2016	NA	NA	NA	NA	NA	NA
	06/20/2016	**660**	**690 B**	NA	**485**	**485,000**	NA
	07/05/2017	**17,100**	**3,100**	**11,90,000 ^**	NA	**500,000**	**1,970**
	08/27/2017	**33,900**	**2200 B**	**11,90,000 ^**	NA	**5,12,000 B**	**2,190**
	10/12/2017	**3,800**	**1000 B**	**12,30,000 ^**	NA	**562,000**	**2,270**
	07/12/2018	**4,300**	**810 B**	**1,360,000**	NA	**4,95,000 B**	**2,250**
	10/17/2018	**1,900**	**930**	**1,220,000**	NA	**360,000**	**2,260**
	09/13/2019	**1,460**	**636**	**971,000**	NA	**467,000**	**2,000**
	12/05/2019	**2,020**	**852**	**389,000**	NA	**309,000**	**1,300**
	02/11/2020	**2,650**	**191**	**474,000**	NA	**173,000**	**730**
	06/10/2020	**1,430**	**511**	**1,240,000**	NA	**320,000**	**1,690**
	08/19/2020	**6,320**	**1,260**	**1,300,000**	NA	**543**	**2,340**
	11/05/2020	**3,260**	**1,050**	**1,300,000**	NA	**401,000**	**2,030**
	03/19/2021	**105,000**	**4,350**	**1,310,000**	NA	**469,000**	**2,470**
	06/02/2021	**5,830**	**1,660**	**1,280,000**	NA	**583,000**	**2,310**
	08/12/2021	**2,970**	**973**	**1,320,000**	NA	**516,000**	**2,330**
MW-23-D2R	01/12/2016	NA	NA	NA	NA	NA	NA
	06/20/2016	**40 J**	**110 B**	NA	**543**	**543,000**	NA
	07/05/2017	**4,400**	**210**	**21,90,000 ^**	NA	**520,000**	**5,260**
	08/27/2017	**1,800**	**170 B**	**19,30,000 ^**	NA	**4,34,000 B**	**5,420**
	10/12/2017	**2,800**	**140 B**	**25,70,000 ^**	NA	**654,000**	**4,460**
	07/12/2018	**1,660**	**279**	**1,930,000**	NA	**587,000**	**3,800**
	05/09/2019	**1,660**	**279**	**1,930,000**	NA	**587,000**	**3,800**
	09/13/2019	**25,700**	**2,350**	**1,600,000**	NA	**415,000**	**2,500**
	12/05/2019	**26,100**	**2,120**	**1,410,000**	NA	**349,000**	**2,400**
	08/19/2020	**46,200**	**290**	**2,340,000**	NA	**505**	**3,710**
	11/05/2020	**12,700**	**2,830**	**1,900,000**	NA	**398,000**	**3,730**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-23-D2R (cont.)	03/18/2021	8,940	139	2,220,000	NA	667,000	4,360
	06/02/2021	1,520	267	2,010,000	NA	540,000	3,500
	08/12/2021	1,380	1,550	1,560,000	NA	376,000	3,250
MW-24-D1R	01/13/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	32 J	60 B	NA	550 J	6,42,000 B	NA
	10/26/2016	< 50	49 B	NA	526	526,000	NA
	10/26/2016	58 B	8.9 B	NA	324	324,000	NA
	10/26/2016	24 J B	59 B	NA	577	577,000	NA
	07/12/2018	10,100	120 B	2,140,000	NA	8,75,000 B	4,220
	10/16/2018	2,900	91	1,070,000	NA	583,000	2,370
	05/09/2019	4,120	79.6	1,720,000	NA	572,000	3,900
	09/13/2019	2,140 [4,060]	32.1 [56.5]	13,20,000 [15,20,000]	NA	4,11,000 [5,88,000]	1,800 [3,000]
	12/05/2019	1,540 [1,410]	40.6 [38.3]	13,40,000 [11,70,000]	NA	3,01,000 [5,14,000]	1,900 [2,000]
	02/11/2020	196 [426]	13.1 J [15]	13,70,000 [15,40,000]	NA	3,78,000 [5,30,000]	2,300 [2,500]
	06/09/2020	1,290 [2,340]	22.6 [40.8]	15,50,000 [16,50,000]	NA	6,03,000 [6,05,000]	2,910 [3,200]
	08/19/2020	674 [819]	9.41 J [14.6]	14,40,000 [14,70,000]	NA	423 [485]	2,360 [2,390]
	11/05/2020	486 [631]	9.69 J [10.4]	1,430,000 [1,420,000]	NA	290,000 [287,000]	2,380 [2,310]
	03/19/2021	415 [4,070]	7.67 J [42.5]	1,430,000 [1,330,000]	NA	461,000 [523,000]	2,640 [2,750]
	06/01/2021	722 [2,570]	12.4 [39.2]	1,480,000 [1,560,000]	NA	475,000 [586,000]	2,730 [2,840]
MW-24-D2	01/13/2016	NA	NA	NA	NA	NA	NA
	01/13/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	40 J	55 B	NA	298,000 B	7,41,000 B	NA
	10/25/2016	49 J	62	NA	512	512,000	NA
	10/25/2016	< 50	56	NA	759	759,000	NA
	07/05/2017	1,800	88	25,20,000 ^	NA	667,000	4,060
	08/27/2017	6,600	160 B	2,260,000	NA	7,74,000 B	4,100
	10/11/2017	5,500	140 B	23,80,000 ^	NA	804,000	3,720
	07/12/2018	1,100	33 B	94,900	NA	1,14,000 B	182
	10/17/2018	610	32	1,08,000 ^	NA	102,000	201
	05/09/2019	391	7.7 J	100,000	NA	112,000	89
	09/13/2019	2,160	35.6	81,400	NA	108,000	49
	12/05/2019	2,090	58.7	366,000	NA	190,000	550
	02/11/2020	1,450	22.2	349,000	NA	482,000	340
	06/09/2020	380	24.8	471,000	NA	267,000	805
	08/18/2020	436	32.8	518,000	NA	235	728
	11/05/2020	491	36.4	819,000	NA	241,000	724
	03/19/2021	1,960	51.9	1,210,000	NA	607,000	2,240
	06/01/2021	1,480	56.0	1,470,000	NA	674,000	2,360
MW-24-VDR	07/12/2018	37900	910 B	8,960,000	NA	4,54,000 B	16,000
	10/17/2018	26,100	740	8,730,000	NA	416,000	13,100
	05/09/2019	25,200	597	6,100,000	NA	461,000	16,000
	09/13/2019	8,910	235	2,520,000	NA	295,000	7,300
	12/05/2019	36,500	694	9,030,000	NA	446,000	17,000
	02/11/2020	31,500	523	7,000,000	NA	474,000	15,000
	06/09/2020	37,100	454	7,320,000	NA	337,000	13,700

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-24-VDR (cont.)	08/18/2020	44,900	578	8,910,000	NA	332	12,800
	11/05/2020	45,100	588	8,850,000	NA	388,000	15,800
	03/19/2021	63,900	687	8,250,000	NA	459,000	17,300
	06/01/2021	53,700	574	8,160,000	NA	413,000	15,500
MW-26-D1	01/12/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	< 50	35 B	NA	569,000 B	5,69,000 B	NA
	10/25/2016	< 50	25	NA	479	479,000	NA
	10/25/2016	< 50	37	NA	591	591,000	NA
	07/05/2017	230	41	15,70,000 ^	NA	542,000	2,520
	08/27/2017	640	48 B	1,500,000	NA	5,32,000 B	2,530
	10/11/2017	190	75 B	304,000	NA	177,000	483
	07/13/2018	320	35 B	1,640,000	NA	558,000	2,810
	10/17/2018	280	24 B	1,510,000	NA	416,000	2,540
	09/13/2019	93.9 J	19.2	1,400,000	NA	542,000	3,000
	12/06/2019	364	18	1,260,000	NA	405,000	2,000
	02/11/2020	1,080	25.6	1,440,000	NA	405,000	2,100
	06/10/2020	553	21.4	1,300,000	NA	438,000	2,400
	08/19/2020	1,340	31.4	1,370,000	NA	500	2,360
	11/06/2020	554	21.4	1,360,000	NA	387,000	2,340
	06/02/2021	805	28.3	1,320,000	NA	443,000	2,330
	08/12/2021	544	32.9	1,150,000	NA	479,000	2,060
MW-26-D2	01/12/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	490 B	700 B	NA	344	344,000	NA
	10/25/2016	55	63	NA	NA	NA	NA
	10/25/2016	< 50	140	NA	653	653,000	NA
	07/05/2017	970	420	39,30,000 ^	NA	348,000	9,010
	08/27/2017	970	310 B	3,370,000	NA	379,000	7,980
	10/11/2017	1,100	160 B	2,770,000	NA	435,000	8,600
	10/17/2018	150	52 B	2,190,000	NA	509,000	3,820
	05/09/2019	466	75.2	2,420,000	NA	684,000	5,000
	09/13/2019	207	65.6	2,270,000	NA	702,000	4,000
	12/06/2019	54.4 J	59.8	2,340,000	NA	628,000	4,000
	02/11/2020	348	88.8	2,500,000	NA	588,000	3,900
	06/10/2020	84.3 J	68.3	2,190,000	NA	671,000	4,390
	08/19/2020	402	99.5	2,280,000	NA	638	4,160
MW-26-VD	01/13/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	74,000 B	2,600 B	NA	61 B	1,76,000 B	NA
MW-27-D1R	01/13/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	430	200 B	NA	51,600	7,95,000 B	NA
	07/05/2017	2,800	56	11,30,000 ^	NA	3,94,000 B	2,860
	08/27/2017	1,300	330 B	960,000	NA	884,000	5,640
	07/13/2018	8,200	170 B	1,690,000	NA	5,26,000 B	2,770
	10/18/2018	2,100	61 B	1,770,000	NA	725,000	3,890
	05/10/2019	51,600	456	1,900,000	NA	579,000	3,500
	09/14/2019	12,800	161	2,090,000	NA	724,000	3,400

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-27-D1R (cont.)	12/05/2019	1,310	51.9	1,920,000	NA	762,000	3,800
	08/19/2020	10,600	156	2,710,000	NA	945	5,060
	11/06/2020	10,900	176	2,140,000	NA	652,000	3,870
	03/20/2021	8,780	150	2,160,000	NA	788,000	4,300
	06/02/2021	59,600	622	2,230,000	NA	795,000	4,330
	08/12/2021	6,400	138	2,120,000	NA	839,000	3,970
MW-27-D2	01/13/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	1,300	38 B	NA	940 B	2,79,000 B	NA
	07/05/2017	12,400	550	26,90,000 ^	NA	4,08,000 B	6,330
	08/27/2017	11,600	1,200 B	31,40,000 ^	NA	303,000	9,140
	10/12/2017	9,500	1,700 B	44,60,000 ^	NA	374,000	8,290
	07/13/2018	4,600	340 B	2,530,000	NA	3,63,000 B	7,510
	10/18/2018	2,800	940 B	3,580,000	NA	195,000	8,300
	05/10/2019	902	197	505,000	NA	599,000	4,100
	09/14/2019	4,080	272	1,120,000	NA	638,000	3,500
	12/05/2019	1,190	174	1,620,000	NA	526,000	3,600
	02/12/2020	1,920	230	1,940,000	NA	511,000	3,800
	06/10/2020	887	97.6	1,880,000	NA	496,000	4,660
	08/19/2020	747	199	2,470,000	NA	397	3,690
	11/06/2020	1,360	996	3,260,000	NA	323,000	7,520
	03/20/2021	10,600	1,610	4,090,000	NA	291,000	8,920
	06/02/2021	12,700 O1	1,600 O1	4,510,000	NA	275,000	9,290
	08/12/2021	9,250	1,600	4,250,000	NA	338,000	7,000
MW-28-D1	06/24/2016	79	68 B	NA	667,000	7,45,000 B	NA
	07/28/2016	NA	NA	NA	NA	NA	NA
	07/05/2017	3,600	67	418,000 ^	NA	457,000	3,120
	08/27/2017	740	19 B	10,40,000 ^	NA	393,000	3,310
	10/11/2017	950	27 B	998,000	NA	196,000	1,530
	10/17/2018	980	22 B	386,000	NA	102,000	945
	05/09/2019	2,480	89	1,940,000	NA	667,000	3,300
	09/13/2019	511	63.1	1,970,000	NA	735,000	2,900
	12/05/2019	169	10.4 J	874,000	NA	337,000	1,800
	02/11/2020	253	49.4	1,160,000	NA	495,000	1,900
	06/09/2020	226	47.8	1,360,000	NA	472,000	2,570
	08/19/2020	167	57.7	1,410,000	NA	496	2,490
	11/06/2020	54.8 J	51.3	1,540,000	NA	548,000	3,110
	06/02/2021	88.9 J	40.0	1,340,000	NA	305,000	1,410
	08/12/2021	101	36.0	867,000	NA	485,000	1,970
MW-28-D2R	06/24/2016	52,800	1,100 B	NA	182	182,000	NA
	07/28/2016	NA	NA	NA	NA	NA	NA
	07/05/2017	6,800	340	38,10,000 ^	NA	334,000	9,090
	08/27/2017	6,000	500 B	5,340,000	NA	3,37,000 B	11,300 B
	10/11/2017	9,300	470 F1 B	4,750,000	NA	412,000	6,670
	07/13/2018	5,200	190 B	3,000,000	NA	4,68,000 B	4,010
	10/17/2018	2,200	710 B	4,670,000	NA	333,000	9,820
	05/09/2019	569	224	2,850,000	NA	385,000	7,600
	09/13/2019	450	241	2,700,000	NA	428,000	4,600

See Notes on Page 41.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

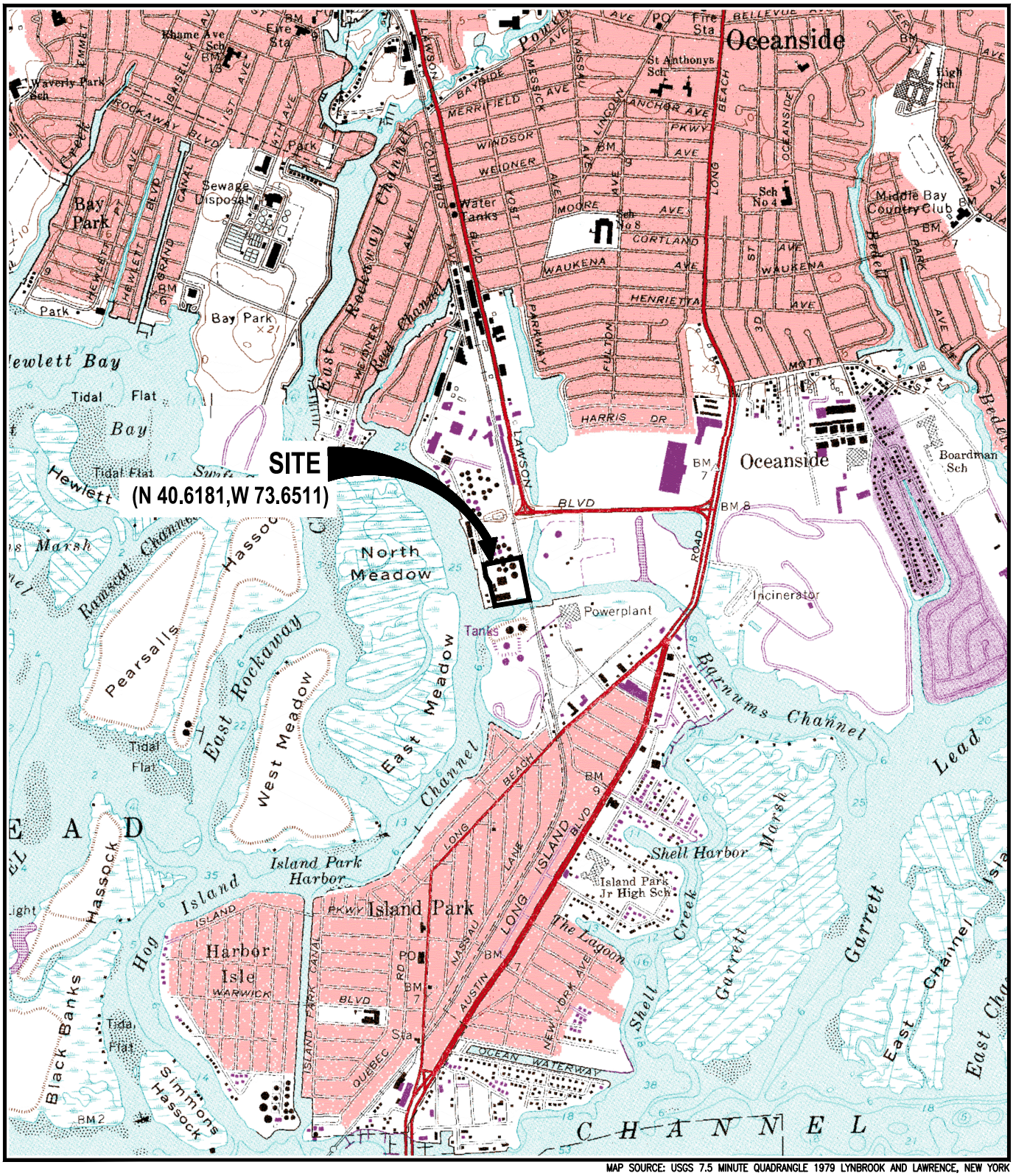
Location ID	Date Sampled	Inorganics			General Chemistry		
		Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		300	300	20,000	NE	NE	250
Units		ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-28-D2R (cont.)	12/06/2019	463	989	4,430,000	NA	349,000	7,400
	02/11/2020	252	184	1,620,000	NA	276,000	3,600
	06/09/2020	5,050	1,730	4,130,000	NA	339,000	18,800
	08/19/2020	48,300	855	5,750,000	NA	343	9,550
	11/06/2020	5,890	370	2,760,000	NA	395,000	6,460
	03/20/2021	4,220	1,190	5,210,000	NA	347,000	10,800
	06/02/2021	7,120	1,290	5,370,000	NA	348,000	10,900
	08/12/2021	7,560	2,180	4,570,000	NA	369,000	7,480
MW-29-D1	01/14/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	520	270 B	NA	4.3 J	5,67,000 B	NA
	10/26/2016	220 B	250 B	NA	540	540,000	NA
	10/26/2016	< 50	5.2 B	NA	547	547,000	NA
	07/05/2017	460	350	9,51,000 ^	NA	556,000	1,610
	08/27/2017	2,400	150 B	24,70,000 ^	NA	5,60,000 B	1,580
	10/12/2017	3,400	300 B	8,93,000 ^	NA	619,000	1,530
	07/13/2018	1,300	340 B	988,000	NA	5,63,000 B	1,680
	10/18/2018	1,500	270 B	960,000	NA	535,000	1,550
	05/10/2019	1,450	470	839,000	NA	469,000	1,700
	09/14/2019	4,370	58.4	23,500	NA	40,100	58
	12/06/2019	673	32.1	75,900	NA	63,500	130
	02/12/2020	2,040	131	105,000	NA	62,700	160
	06/10/2020	741	161	643,000	NA	273,000	1,050
	08/19/2020	1,360	172	574,000	NA	256	950
	11/06/2020	199	146	460,000	NA	208,000	795
	03/20/2021	8,750	205	524,000	NA	285,000	975
	06/02/2021	42,600	484	437,000	NA	174,000	566
	08/12/2021	5,200	272	446,000	NA	235,000	787
MW-29-D2	01/14/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	64	150 B	NA	430 B	4,53,000 B	NA
MW-29-VD	01/14/2016	NA	NA	NA	NA	NA	NA
	06/21/2016	390	62 B	NA	229 B	2,29,000 B	NA
MW-30-D1	01/14/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	360 B	93 B	NA	841 B	8,41,000 B	NA
MW-30-D2	01/14/2016	NA	NA	NA	NA	NA	NA
	01/14/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	< 50	110 B	NA	755 B	7,55,000 B	NA
MW-30-VD	01/14/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	4,900 B	260 B	NA	713 B	7,13,000 B	NA
MW-31-D1R	01/14/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	230 B	25 B	NA	221 B	2,21,000 B	NA
MW-31-D2R	01/14/2016	NA	NA	NA	NA	NA	NA
	06/22/2016	2,200 B	430 B	NA	508 B	5,08,000 B	NA

See Notes on Page 41.

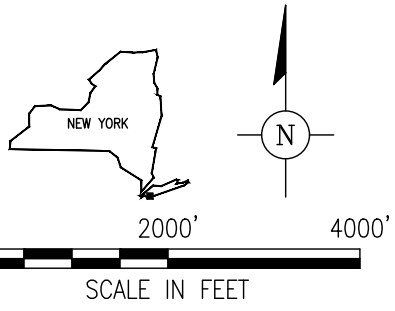
Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2021
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Notes:
ID = Identification
NYSDEC = New York State Department of Environmental Conservation
TOGS = NYSDEC Technical and Operational Guidance Series ambient water quality standards and guidance values of June 1998
ug/L = micrograms per liter
Bolded values = compound was detected
Shaded cells = concentration was above the TOGS
< = Less than indicated reporting limit
NE = Not established
CaCO3 '= calcium carbonate
J = Analyte detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit. Concentrations within this range are estimated.
J0 = The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration metmethod criteria.
J4 = The associated batch QC was outside the established quality control range for accuracy.
J6 = The sample matrix interfered with the ability to make any accurate determination; spike value is low
T8 = Sample(s) received past/too close to holding time expiration.
HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
H = Sample was prepped or analyzed beyond the specified holding time.
B = Compound was found in the blank and sample.
F1 = Matrix spike and/or matrix spike duplicate recovery was outside acceptance limits.
E = Result exceeded calibration range
C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
[ ] = Duplicate analysis results
D = Sample was diluted due to high concentration of target analytes.
O1 = The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
* = LCS or LCSD was above the control limits.
^ = Instrument related QC was outside acceptance limits.
-- = Not available

Figures



MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE 1979 LYNBROOK AND LAWRENCE, NEW YORK



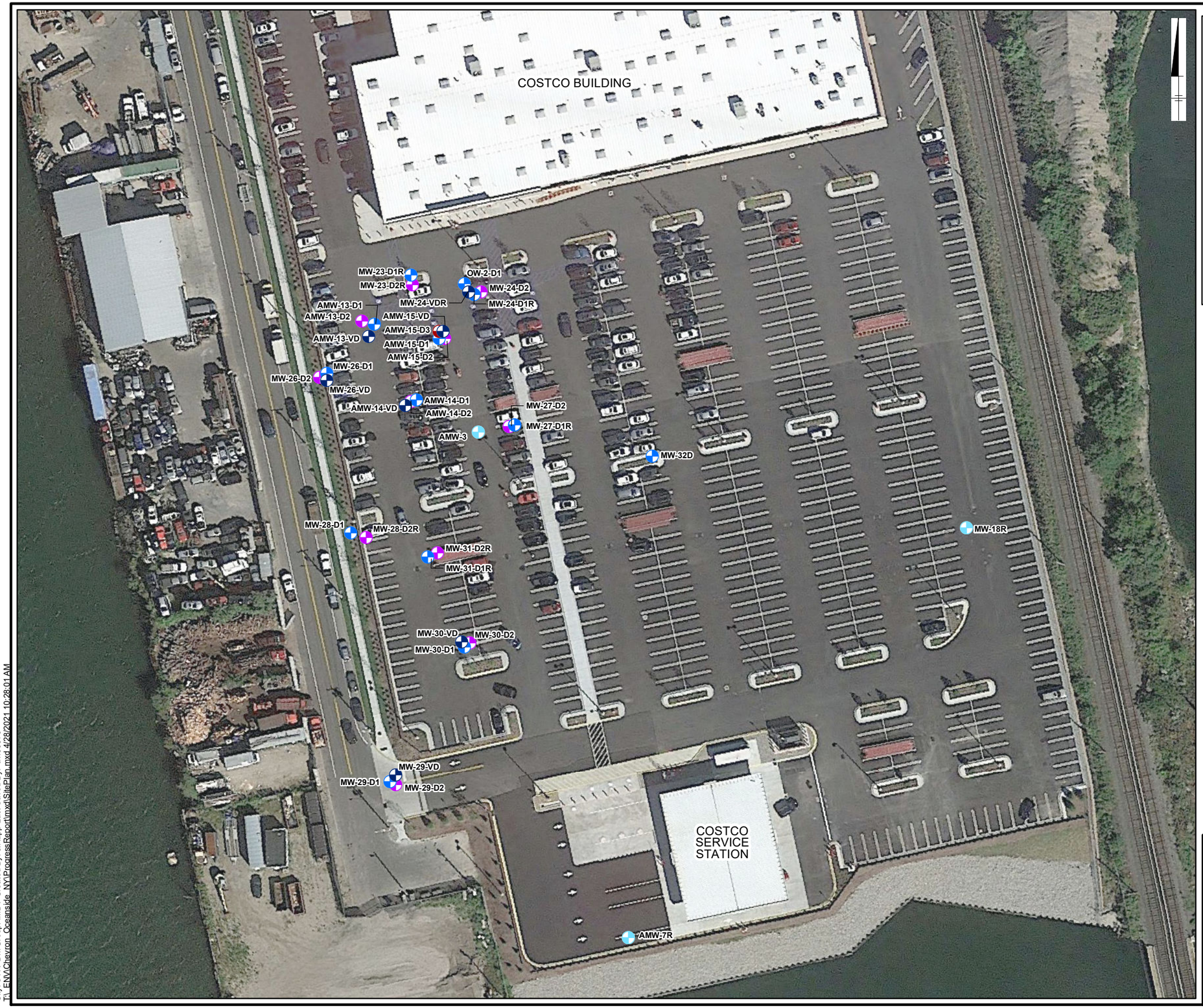
FORMER GULF OIL TERMINAL
(CHEVRON FACILITY #6518040)
OCEANSIDE, NEW YORK

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE
1

CITY: SYRACUSE, NY DIV/GROUP: EBC-IM/DV DB:G.STEINBERGER PIC: A.HEBERT PM: W.MCCUNE LYR:ON=*;OFF=*REF*
C:\Users\posenauer\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\6518040 - MTBE SOURCE AREA INV\2018\B0047517.0023\01-DWG\6518040_SITE LOC MAP_FIG 1.dwg LAYOUT: 1 SAVED: 11/20/2018 10:46 AM ACADVER: 21.0S (LMS TECH) PAGESETUP: C-PA-PDF
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 11/20/2018 1:04 PM BY: POSENAUER, LISA
IMAGES:
NY_Lawrence.TIF
NY_Lynbrook.TIF



SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS

0 70 140 Feet

GRAPHIC SCALE

NOTE:

1. 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

SITE PLAN

ARCADIS

FIGURE
2

City: SYR Div/Group: IMDV Created By: JRapp Last Saved By: avi00976
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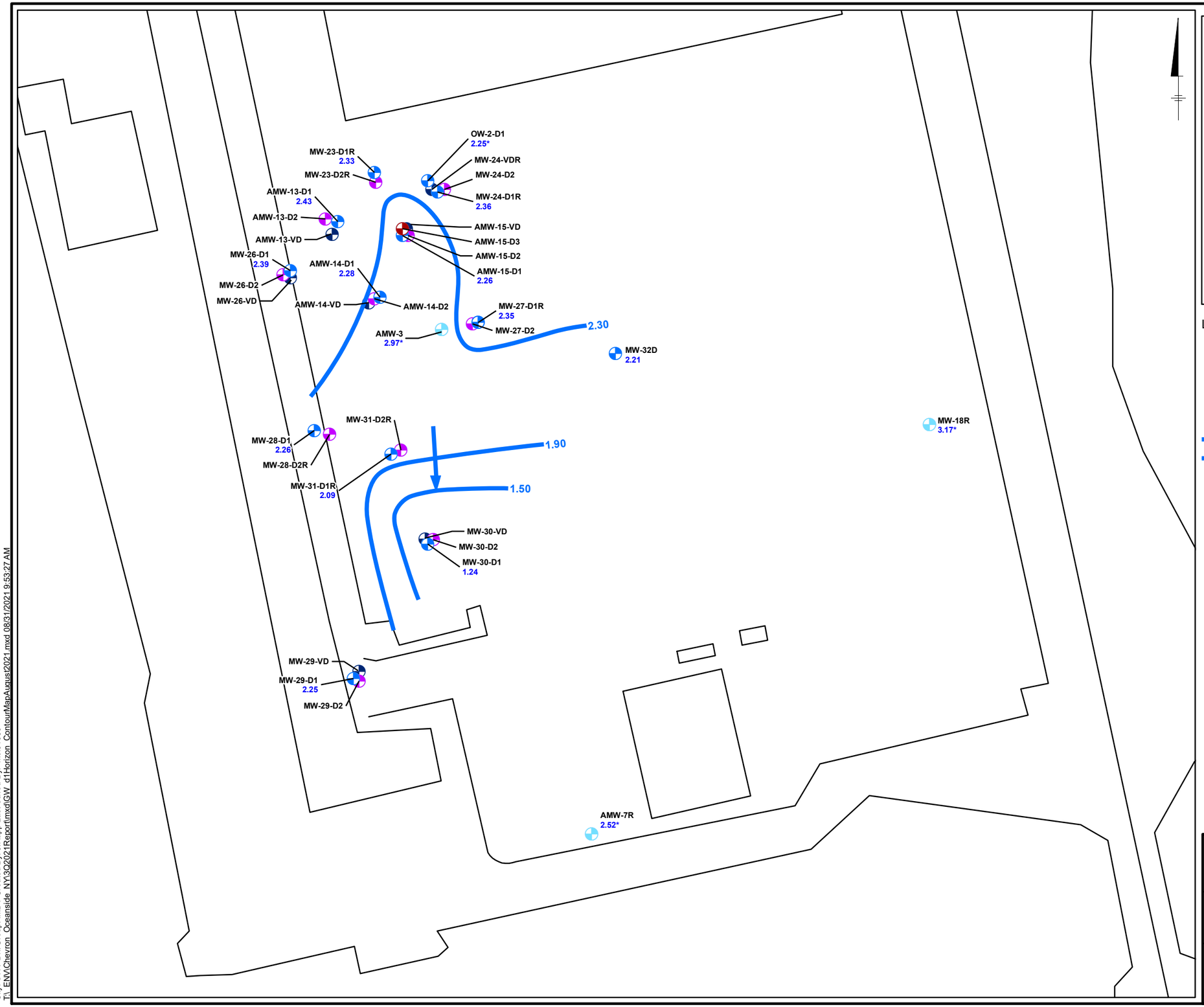

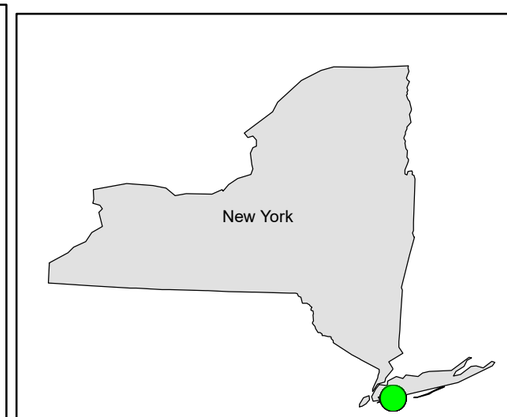

SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS
- GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- APPROXIMATE FLOW DIRECTION
- 2.21 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 2.52* NOT USED TO GENERATE CONTOURS

0 70 140 Feet

GRAPHIC SCALE

NOTE:

1. 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.
2. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

D1 HORIZON GROUNDWATER CONTOUR MAP AUGUST 11, 2021

ARCADIS

FIGURE 3

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: msi01059
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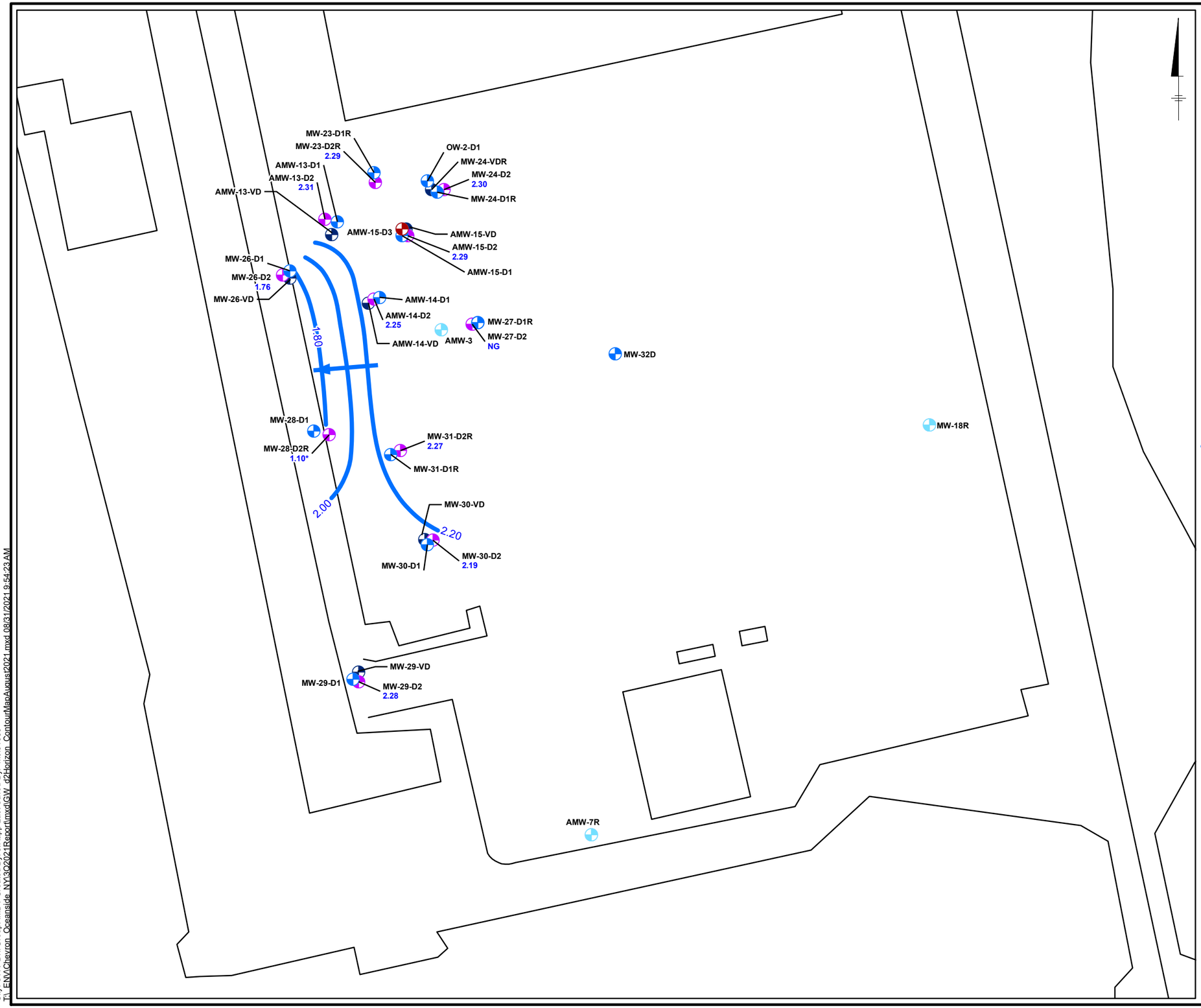

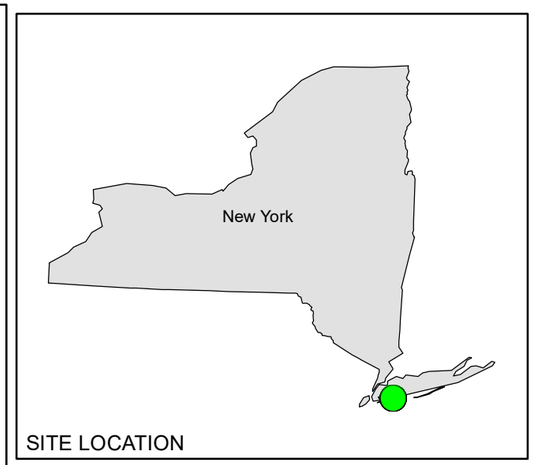

SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS
- GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- APPROXIMATE FLOW DIRECTION
- 2.30 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 1.10* NOT USED TO GENERATE CONTOURS
- NG NOT GAUGED

0 70 140 Feet

GRAPHIC SCALE

NOTE:

1. 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.
2. THE WELLS WERE GAUGED DURING HIGH TIME.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

D2 HORIZON GROUNDWATER CONTOUR MAP AUGUST 11, 2021

ARCADIS

FIGURE 4

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: msi01059
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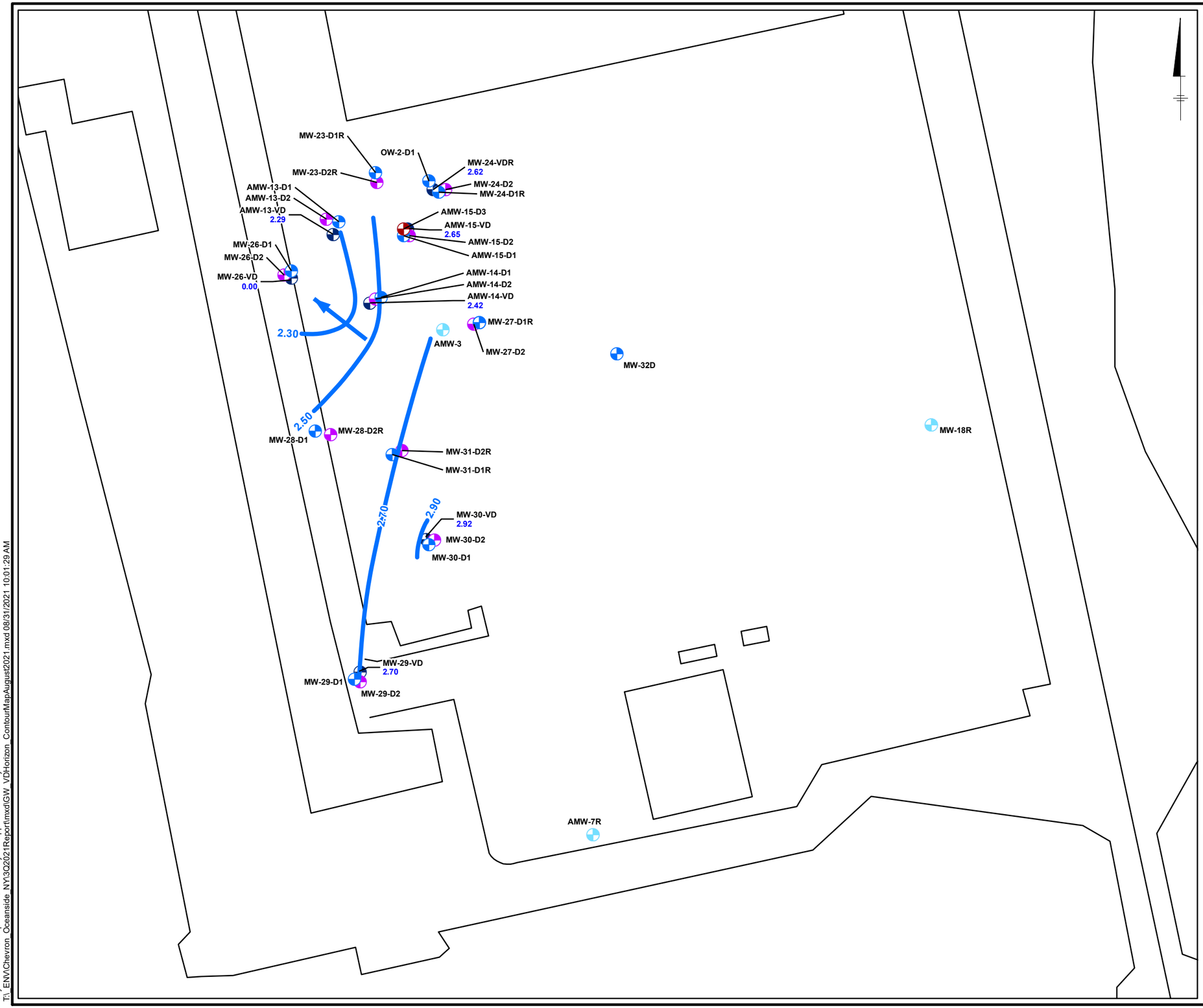

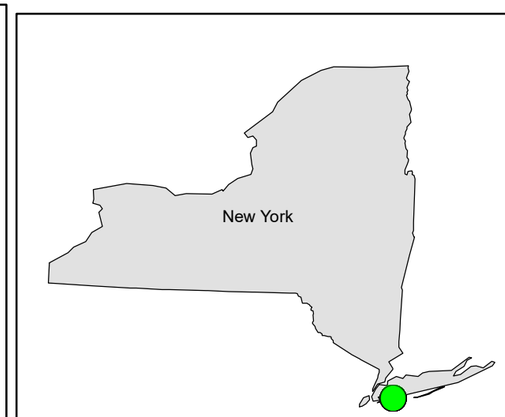

SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS
- 2.92 GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- APPROXIMATE FLOW DIRECTION

0 70 140 Feet

GRAPHIC SCALE

NOTE:

1. 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.
2. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

VD HORIZON GROUNDWATER CONTOUR MAP AUGUST 11, 2021

ARCADIS

FIGURE 5

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: msi01059
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Sample ID	MW-23-D1R
Sample Date	8/12/2021
Benzene	**0.151 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	**106**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	MW-23-D2R
Sample Date	8/12/2021
Benzene	**0.134 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	**19.6**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	MW-26-D1
Sample Date	8/12/2021
Benzene	**5.78**
Ethylbenzene	**0.973 J**
Methyl t-butyl ether	**67.5**
trans-1,2-Dichloroethene	**2.54**
Vinyl Chloride (Chloroethene)	**38.6 C5 J4**
Xylene (total)	**1.11 J**

Sample ID	AMW-14-D1
Sample Date	8/12/2021
Benzene	**5.51**
Ethylbenzene	**5.46**
Methyl t-butyl ether	**140**
trans-1,2-Dichloroethene	**22.2**
Vinyl Chloride (Chloroethene)	<1.00 J4
Xylene (total)	**3.90**

Sample ID	AMW-14-D2
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**26.3**
trans-1,2-Dichloroethene	**0.198 J**
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	AMW-14-VD
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**0.272 J**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	MW-28-D1
Sample Date	8/12/2021
Benzene	**5.94**
Ethylbenzene	**1.48 B**
Methyl t-butyl ether	**8.64**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	**1.62 J**

Sample ID	MW-28-D2R
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	MW-29-D1
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**20.9**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00

Sample ID	AMW-7R
Sample Date	8/12/2021
Benzene	**0.109 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	AMW-15-VD
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	AMW-15-D3
Sample Date	8/12/2021
Benzene	**15.4**
Ethylbenzene	**2.22 B**
Methyl t-butyl ether	**68.5**
trans-1,2-Dichloroethene	**0.533 J**
Vinyl Chloride (Chloroethene)	**4.44**
Xylene (total)	**5.08**

Sample ID	AMW-15-D2
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**3.23**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

Sample ID	MW-18R
Sample Date	8/12/2021
Benzene	**33.2**
Ethylbenzene	**0.916 J**
Methyl t-butyl ether	**8.58**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00 J4
Xylene (total)	**5.64**

Sample ID	MW-27-D1R
Sample Date	8/12/2021
Benzene	**3.05**
Ethylbenzene	**0.322 B J**
Methyl t-butyl ether	**21.3**
trans-1,2-Dichloroethene	**1.87**
Vinyl Chloride (Chloroethene)	**23.9**
Xylene (total)	**0.820 J**

Sample ID	MW-27-D2
Sample Date	8/12/2021
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00

SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS

Parameter Name	NYDEC TOGS 1.1.1
Benzene	1 ug/L
Ethylbenzene	5 ug/L
Methyl-t-butyl ether	10 ug/L
trans-1,2-Dichloroethene	5 ug/L
Vinyl chloride (Chloroethene)	2 ug/L
Xylene (total)	5 ug/L

NOTES:

2017 IMAGERY OBTAINED FROM GOOGLE EARTH.
CONCENTRATIONS ARE IN MICROGRAMS PER LITER (UG/L)
ID = IDENTIFICATION
NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
TOGS = NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES OF JUNE 1998
BOLDED VALUES = COMPOUND DETECTED
GREY SHADED CELLS = CONCENTRATION ABOVE THE TOGS
J = ANALYTE DETECTED AT A LEVEL LESS THAN THE REPORTING LIMIT (RL) AND GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL). CONCENTRATIONS WITHIN THIS RANGE ARE ESTIMATED.
< = LESS THAN INDICATED REPORTING LIMIT
B = THE SAME ANALYTE IS FOUND IN THE ASSOCIATED BLANK
J4 = THE ASSOCIATED BATCH QC WAS OUTSIDE THE ESTABLISHED QUALITY CONTROL RANGE FOR ACCURACY.
C5 = THE REPORTED CONCENTRATION IS AN ESTIMATE. THE CONTINUING CALIBRATION STANDARD ASSOCIATED WITH THIS DATA RESPONDED HIGH. DATA IS LIKELY TO SHOW A HIGH BIAS CONCERNING THE RESULT.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS AUGUST 12, 2021

ARCADIS

FIGURE 6

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: msl01059
T:_ENV\Chevron_Oceanside_NY\3Q2021Report\mxd\Fig6_Site_Analytical Data_August2021.mxd 09/14/2021 12:37:13 PM

Attachment 1

Groundwater Gauging and Sampling Logs

TABLE 2
SUMMARY OF GROUNDWATER GAUGING DATA
FORMER GULF OIL TERMINAL
OCEANSIDE, TOWNSHIP OF HEMPSTEAD, NEW YORK

Monitoring Well	Date	Well Diameter (in)	Well Depth (ft btoc)	Top of Casing Elevation (ft)*	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)
AMW-3	8/11/21	2	12.42	9.05	6.08	12.42
AMW-13-D1	8/11/21	2	34.01	9.87	7.44	32.96
AMW-13-D2	8/11/21	2	43.95	9.76	7.45	43.01
AMW-13-VD	8/11/21	2	71.82	9.77	7.14	70.97
OW-2-D1	8/11/21	2	33.95	9.94	7.69	33.71
MW-26-VD	8/11/21	2	68.25	9.99	7.03	9.17
MW-29-D2	8/11/21	2	39.82	5.38	3.10	38.68
MW-29-VD	8/11/21	2	67.22	5.27	2.57	60.24
MW-30-D1	8/11/21	2	30	8.74	7.50	29.90
MW-30-D2	8/11/21	2	46.63	8.72	6.53	40.28
MW-30-VD	8/11/21	4	83.40	8.70	5.78	83.23
MW-31-D1R	8/11/21	2	30.04	8.39	6.30	30
MW-31-D2R	8/11/21	2	45.15	8.35	6.08	46.04
MW-32D	8/11/21	2	37.45	8.85	6.64	36.01
MW-27-D2	8/11/21	2	46.97	9.09	34.25	46.30
MW-28-D2R	8/11/21	2	46.69	8.40	7.30	46.52
MW-24-D2	8/11/21	2	42.20	10.00	7.70	41.82
MW-24-VDR	8/11/21	2	73.98	9.72	7.10	
AMW-15-VD	8/11/21	2	72.15	9.82	7.17	7172
AMW-7R	8/11/21	2	14.42	9.95	7.43	13.85
AMW-14-VD	8/11/21	2	75.61	9.25	6.83	74.36
AMW-14-D2	8/11/21	2	43.17	9.37	7.12	42.66
MW-28-D1	8/11/21	2	30.38	8.25	5.99	30.41
MW-26-D2	8/11/21	2	43.76	9.40	7.64	40.21
MW-23-D2R	8/11/21	2	44.63	10.52	8.23	46.03
AMW-15-D2	8/11/21	2	36.2	9.71	7.42	40.97
AMW-15-D3	8/11/21	2	48.6	9.81	8.45	48.10
MW-23-D1R	8/11/21	2	25.78	9.84	7.51	25.39
AMW-15-D1	8/11/21	2	36.2	9.74	7.48	35.46
MW-27-D1R	8/11/21	2	32.99	9.01	6.66	~~NO Hydra 27.47~~ 32.28
MW-26-D1	8/11/21	2	28.8	9.95	7.56	20.24
MW-29-D1	8/11/21	2	23.45	5.21	2.96	23.11 — ~~rope off~~
MW-18R	8/11/21	2	10.17	7.98	4.81	9.93
AMW-14-D1	8/11/21	2	33.15	9.38	7.10	32.65
MW-24-D1R	8/11/21	2	32.23	9.82	7.46	31.51

Notes:

*Top of casing elevations were surveyed by Borbas Surveying & Mapping, LLC, September 18, 2017 and re-drilled wells on June 1, 2018.
in - inches
ft btoc - Feet below top of casing
ft amsl - Feet above mean sea level
NG - Not gauged
Highlighted RED Bolded wells **need** to be gauged in that order. Highlighted wells should be gauged before red wells and after regular wells, but in no specific order. Regular wells can be gauged in any order so long as they are before highlighted wells

First, any order | second, any order | Last, in specified order | DTB after Sampling

* Fish Weight out
~~MW-29D1~~ (X)

32.28

24 D1R - BD

(26 D2R - Hydra - MIA
26 VD - "

Well ID	Time	pH	Temp (dep C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mV)	Notes ST	Date
MW-24-D2	0020	7.89	21.21	7.180	4.31	-175.0	0020	8/12/21
MW-24-D1R	0045	7.42	21.63	6.585	2.26	-254.9	0045	8/12/21
~~MW-24-VDR~~	0130						~~0130~~	NO Sample / Hydraulic Sleeve full
AMW-15-VD	0155	8.72	21.44	0.673	3.50	-71.5	0155	8/12/21
AMW-15-D2	0215	9.89	21.10	3.225	3.75	-27.1	0215	8/12/21
AMW-15-D3	0235	12.15	20.38	2.641	2.37	-218.0	0235	8/12/21
AMW-15-D1	0300	9.67	19.60	4.464	2.45	-213.9	0300	8/12/21
MW-18R	1930	6.72	25.39	3.964	2.92	-152.7	1930	8/12/21
AMW-7R	1955	7.21	23.93	1.876	3.15	-146.0	1955	8/12/21
MW-28-D2R	2015	6.79	23.05	25.82	2.89	-78.4	2015	8/12
MW-28-D1	2040	7.30	23.29	8.749	2.78	-262.1	2040	8/12
AMW-14-D2	2100	7.11	20.79	10.60	8.44	-298.7	2100	8/12
AMW-14-D2	2115	7.00	21.19	7.595	0.12	-293.1	2115	8/12
AMW-14-VD	2130	6.75	19.39	38.08	0.42	-178.1	2130	8/12
MW-26-D1	2145	7.26	18.81	8.339	2.75	-277.5	2145	8/12
MW-27-D1R	2200	6.98	20.08	11.35	0.01	-297.7	2200	8/12
MW-27-D2	2215	7.86	21.29	0.736	2.06	-212.2	2215	8/12
MW-23-D2R	2240	6.87	21.45	7.817	1.83	-171.3	2240	8/12
MW-23-D1R	2255	7.18	22.12	7.748	2.33	-257.9	2255	8/12
MW-29-D1	2315	7.30	23.10	7.186	2.89	-189.2	2315	8/12

Attachment 2

Laboratory Analytical Report

ANALYTICAL REPORT

September 01, 2021

Arcadis - Chevron - NY

Sample Delivery Group:	L1390726
Samples Received:	08/14/2021
Project Number:	30062947.19.21
Description:	POD 4 - Oceanside 6518040
Site:	6518040
Report To:	Ryan Merrell 27-01 Queens Plaza North Suite 800 New York City, NY 11101

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

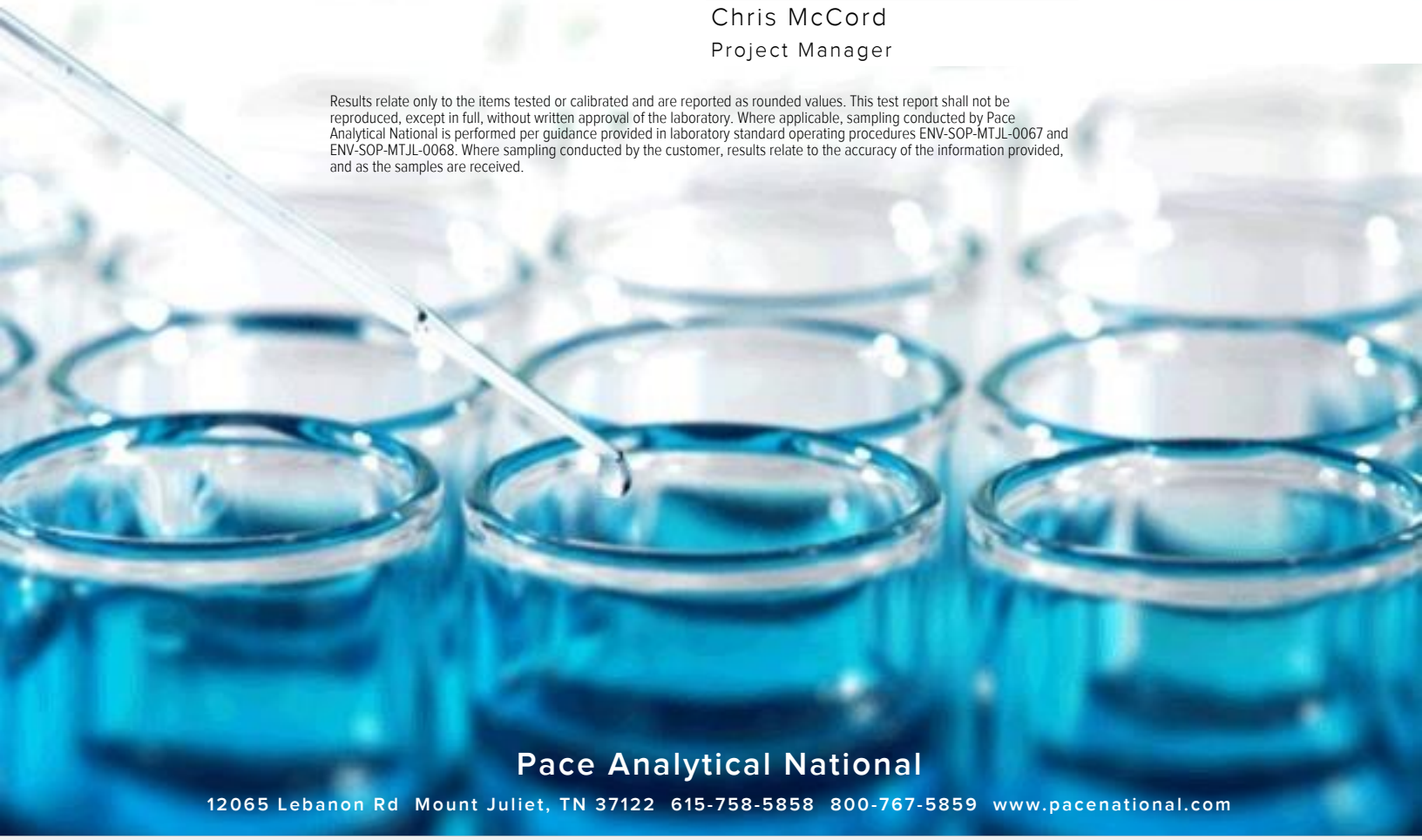

TABLE OF CONTENTS

MW-27-D2-W-210812 L1390726-01 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 22:15 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/31/21 15:59	08/31/21 15:59	ARM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 08:30	08/16/21 08:30	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1732393	25	08/31/21 15:59	08/31/21 15:59	ARM	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:37	08/25/21 11:37	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 08:30	08/16/21 08:30	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:28	08/18/21 13:28	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 18:07	08/19/21 18:07	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 16:44	08/18/21 16:44	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:22	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	5	08/18/21 09:35	08/20/21 09:39	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 14:23	08/17/21 14:23	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 16:30	08/17/21 16:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 12:28	08/20/21 12:28	ADM	Mt. Juliet, TN

MW-28-D2R-W-210812 L1390726-02 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 20:15 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/20/21 08:25	08/20/21 08:25	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 08:34	08/16/21 08:34	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	2	08/15/21 13:37	08/15/21 13:37	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:38	08/25/21 11:38	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 08:34	08/16/21 08:34	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:29	08/18/21 13:29	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 18:24	08/19/21 18:24	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 16:59	08/18/21 16:59	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:25	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	5	08/18/21 09:35	08/20/21 09:42	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 14:33	08/17/21 14:33	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 16:50	08/17/21 16:50	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 12:48	08/20/21 12:48	ADM	Mt. Juliet, TN

AMW-15-VD-W-210812 L1390726-03 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 01:55 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/20/21 08:28	08/20/21 08:28	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 08:38	08/16/21 08:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	2	08/15/21 13:41	08/15/21 13:41	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:39	08/25/21 11:39	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 08:38	08/16/21 08:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:29	08/18/21 13:29	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 19:29	08/19/21 19:29	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	500	08/23/21 13:48	08/23/21 13:48	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	5	08/18/21 17:12	08/18/21 17:12	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:28	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 14:46	08/17/21 14:46	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 17:11	08/17/21 17:11	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 13:09	08/20/21 13:09	ADM	Mt. Juliet, TN

AMW-7R-W-210812 L1390726-04 GW

Collected by	Collected date/time	Received date/time
KV/ST/SM	08/12/21 19:55	08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/31/21 16:00	08/31/21 16:00	ARM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 08:43	08/16/21 08:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1732393	25	08/31/21 16:00	08/31/21 16:00	ARM	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:40	08/25/21 11:40	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 08:43	08/16/21 08:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:31	08/18/21 13:31	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 19:46	08/19/21 19:46	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 17:37	08/18/21 17:37	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:31	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:03	08/17/21 15:03	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 17:42	08/17/21 17:42	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 13:30	08/20/21 13:30	ADM	Mt. Juliet, TN

AMW-14-VD-W-210812 L1390726-05 GW

Collected by	Collected date/time	Received date/time
KV/ST/SM	08/12/21 21:30	08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/31/21 16:00	08/31/21 16:00	ARM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 08:59	08/16/21 08:59	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1732393	25	08/31/21 16:00	08/31/21 16:00	ARM	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:45	08/25/21 11:45	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 08:59	08/16/21 08:59	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:33	08/18/21 13:33	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 20:02	08/19/21 20:02	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	500	08/19/21 20:18	08/19/21 20:18	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 17:55	08/18/21 17:55	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:34	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	10	08/18/21 09:35	08/20/21 09:45	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:06	08/17/21 15:06	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 18:03	08/17/21 18:03	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 13:50	08/20/21 13:50	ADM	Mt. Juliet, TN

AMW-14-D2-W-210812 L1390726-06 GW

Collected by	Collected date/time	Received date/time
KV/ST/SM	08/12/21 21:15	08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724298	1	08/20/21 08:37	08/20/21 08:37	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:07	08/16/21 09:07	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:45	08/15/21 13:45	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	10	08/25/21 13:02	08/25/21 13:02	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:07	08/16/21 09:07	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:33	08/18/21 13:33	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 20:35	08/19/21 20:35	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 20:51	08/19/21 20:51	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 18:13	08/18/21 18:13	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	1	08/18/21 09:35	08/20/21 08:37	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724298	5	08/18/21 09:35	08/20/21 09:48	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:10	08/17/21 15:10	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 18:23	08/17/21 18:23	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 14:10	08/20/21 14:10	ADM	Mt. Juliet, TN

MW-28-D1-W-210812 L1390726-07 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 20:40 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 22:43	08/18/21 22:43	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:12	08/16/21 09:12	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:46	08/15/21 13:46	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:49	08/25/21 11:49	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:12	08/16/21 09:12	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:34	08/18/21 13:34	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 21:08	08/19/21 21:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 21:24	08/19/21 21:24	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 18:32	08/18/21 18:32	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:43	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:14	08/17/21 15:14	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 18:44	08/17/21 18:44	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 14:31	08/20/21 14:31	ADM	Mt. Juliet, TN

MW-23-D2R-W-210812 L1390726-08 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 22:40 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/31/21 16:05	08/31/21 16:05	ARM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:16	08/16/21 09:16	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1732393	5	08/31/21 16:05	08/31/21 16:05	ARM	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:53	08/25/21 11:53	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:16	08/16/21 09:16	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:34	08/18/21 13:34	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 21:41	08/19/21 21:41	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 22:30	08/19/21 22:30	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 18:49	08/18/21 18:49	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:37	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 22:55	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:17	08/17/21 15:17	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 19:05	08/17/21 19:05	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 14:51	08/20/21 14:51	ADM	Mt. Juliet, TN

AMW-15-D2-W-210812 L1390726-09 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 02:15 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 21:40	08/18/21 21:40	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:20	08/16/21 09:20	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:47	08/15/21 13:47	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	10	08/25/21 13:03	08/25/21 13:03	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:20	08/16/21 09:20	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:34	08/18/21 13:34	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 22:46	08/19/21 22:46	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/19/21 23:03	08/19/21 23:03	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 20:00	08/18/21 20:00	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:40	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 23:13	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:22	08/17/21 15:22	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 19:26	08/17/21 19:26	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 15:11	08/20/21 15:11	ADM	Mt. Juliet, TN

AMW-15-D3-W-210812 L1390726-10 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 02:35 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/31/21 16:06	08/31/21 16:06	ARM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:24	08/16/21 09:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1732393	1	08/31/21 16:06	08/31/21 16:06	ARM	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	10	08/25/21 13:05	08/25/21 13:05	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:24	08/16/21 09:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:35	08/18/21 13:35	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	1	08/23/21 14:04	08/23/21 14:04	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 23:19	08/19/21 23:19	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724841	1	08/18/21 20:18	08/18/21 20:18	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:46	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:35	08/17/21 15:35	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 19:46	08/17/21 19:46	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 15:32	08/20/21 15:32	ADM	Mt. Juliet, TN

MW-23-D1R-W-210812 L1390726-11 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 22:55 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 21:46	08/18/21 21:46	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:29	08/16/21 09:29	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	5	08/15/21 13:48	08/15/21 13:48	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 11:57	08/25/21 11:57	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:29	08/16/21 09:29	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:35	08/18/21 13:35	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/19/21 23:52	08/19/21 23:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/20/21 00:08	08/20/21 00:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	1	08/19/21 12:35	08/19/21 12:35	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:46	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 23:16	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724320	1	08/17/21 15:39	08/17/21 15:39	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 20:07	08/17/21 20:07	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 15:52	08/20/21 15:52	ADM	Mt. Juliet, TN

MW-27-D1R-W-210812 L1390726-12 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 22:00 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 21:49	08/18/21 21:49	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:33	08/16/21 09:33	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:50	08/15/21 13:50	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	10	08/25/21 13:10	08/25/21 13:10	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:33	08/16/21 09:33	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:35	08/18/21 13:35	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/20/21 00:25	08/20/21 00:25	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/20/21 00:41	08/20/21 00:41	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	5	08/19/21 13:06	08/19/21 13:06	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:49	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 23:19	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 12:47	08/18/21 12:47	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1724544	1	08/17/21 20:28	08/17/21 20:28	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1726684	1	08/20/21 16:12	08/20/21 16:12	ADM	Mt. Juliet, TN

MW-26-D1-W-210812 L1390726-13 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 21:45 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 21:52	08/18/21 21:52	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:45	08/16/21 09:45	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:51	08/15/21 13:51	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 12:03	08/25/21 12:03	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:45	08/16/21 09:45	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:36	08/18/21 13:36	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/20/21 00:57	08/20/21 00:57	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/20/21 01:47	08/20/21 01:47	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	2	08/19/21 13:27	08/19/21 13:27	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:52	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 23:22	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 12:54	08/18/21 12:54	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 14:21	08/19/21 14:21	ADM	Mt. Juliet, TN

MW-29-D1-W-210812 L1390726-14 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 23:15 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 22:49	08/18/21 22:49	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:49	08/16/21 09:49	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:53	08/15/21 13:53	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 12:05	08/25/21 12:05	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:49	08/16/21 09:49	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:36	08/18/21 13:36	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	1	08/20/21 02:03	08/20/21 02:03	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/20/21 02:36	08/20/21 02:36	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	5	08/19/21 13:41	08/19/21 13:41	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:49	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 13:01	08/18/21 13:01	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 14:41	08/19/21 14:41	ADM	Mt. Juliet, TN

AMW-14-D1-W-210812 L1390726-15 GW

Collected by: KV/ST/SM | Collected date/time: 08/12/21 21:00 | Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 21:58	08/18/21 21:58	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:53	08/16/21 09:53	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	10	08/15/21 13:54	08/15/21 13:54	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	10	08/25/21 13:11	08/25/21 13:11	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:53	08/16/21 09:53	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:36	08/18/21 13:36	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	10	08/20/21 02:52	08/20/21 02:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	100	08/20/21 03:09	08/20/21 03:09	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	5	08/19/21 13:55	08/19/21 13:55	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 21:58	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	5	08/18/21 13:09	08/18/21 23:25	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 13:06	08/18/21 13:06	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 15:01	08/19/21 15:01	ADM	Mt. Juliet, TN

MW-18R-W-210812 L1390726-16 GW

Collected by: KV/ST/SM
Collected date/time: 08/12/21 19:30
Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 22:01	08/18/21 22:01	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 09:57	08/16/21 09:57	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 13:54	08/15/21 13:54	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 12:07	08/25/21 12:07	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 09:57	08/16/21 09:57	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:36	08/18/21 13:36	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	1	08/20/21 03:25	08/20/21 03:25	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	20	08/23/21 14:37	08/23/21 14:37	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	5	08/19/21 14:10	08/19/21 14:10	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:01	KMG	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:52	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 13:13	08/18/21 13:13	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1725506	10	08/19/21 11:22	08/19/21 11:22	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 15:22	08/19/21 15:22	ADM	Mt. Juliet, TN

FB-W-210812 L1390726-17 GW

Collected by: KV/ST/SM
Collected date/time: 08/12/21 23:30
Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1724770	1	08/18/21 22:11	08/18/21 22:11	KMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1723670	1	08/16/21 10:01	08/16/21 10:01	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1723520	1	08/15/21 14:16	08/15/21 14:16	RMR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1725653	1	08/25/21 12:10	08/25/21 12:10	MSP	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1723670	1	08/16/21 10:01	08/16/21 10:01	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1723795	1	08/18/21 13:37	08/18/21 13:37	BFG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1725683	1	08/20/21 03:58	08/20/21 03:58	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1724845	1	08/19/21 14:22	08/19/21 14:22	MJA	Mt. Juliet, TN
Metals (ICP) by Method 6010C	WG1724770	1	08/18/21 13:09	08/18/21 22:11	KMG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1724783	1	08/18/21 13:17	08/18/21 13:17	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 09:35	08/19/21 09:35	JHH	Mt. Juliet, TN

TB-W-210812 L1390726-18 GW

Collected by: KV/ST/SM
Collected date/time: 08/12/21 00:00
Received date/time: 08/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1725849	1	08/19/21 08:54	08/19/21 08:54	JHH	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

The following samples were prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG1723520	3500Fe B-2011	L1390726-02, 03, 06, 07, 09, 11, 12, 13, 14, 15, 16, 17
WG1723670	4500CO2 D-2011	L1390726-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17
WG1732393	3500Fe B-2011	L1390726-01, 04, 05, 08, 10

Wet Chemistry by Method 9056A

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG1725683	(MS) R3695279-7	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG1724841	TOC (Total Organic Carbon)	L1390726-03
WG1724845	TOC (Total Organic Carbon)	L1390726-17

Volatile Organic Compounds (GC) by Method RSK175

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG1725506	(MS) R3693981-5, (MSD) R3693981-6	Methane

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG1724544	L1390726-01	Acetone and Bromoform
WG1724544	L1390726-02	Acetone and Bromoform
WG1724544	L1390726-03	Acetone and Bromoform
WG1724544	L1390726-04	Acetone and Bromoform
WG1724544	L1390726-05	Acetone and Bromoform
WG1724544	L1390726-06	Acetone and Bromoform
WG1724544	L1390726-07	Acetone and Bromoform
WG1724544	L1390726-08	Acetone and Bromoform
WG1724544	L1390726-09	Acetone and Bromoform
WG1724544	L1390726-10	Acetone and Bromoform
WG1724544	L1390726-11	Acetone and Bromoform
WG1724544	L1390726-12	Acetone and Bromoform

The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.

Batch	Lab Sample ID	Analytes
WG1725849	L1390726-13	Vinyl chloride

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG1724544	Carbon disulfide	L1390726-01, 02, 03, 04, 05, 06, 09
WG1724544	Ethylbenzene	L1390726-07, 10, 12

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG1724544	(LCS) R3694354-1, L1390726-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12	1,2,4-Trichlorobenzene
WG1725849	(LCSD) R3694120-2, L1390726-13, 14, 15, 16, 17, 18	Chloromethane and Vinyl chloride

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	08/31/2021 15:59	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	338000		8450	20000	1	08/16/2021 08:30	WG1723670

Sample Narrative:
L1390726-01 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	11400	T8	375	1250	25	08/31/2021 15:59	WG1732393

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:37	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	127000	T8	20000	1	08/16/2021 08:30	WG1723670

Sample Narrative:
L1390726-01 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	209		25.0	50.0	1	08/18/2021 13:28	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	7000000		37900	100000	100	08/19/2021 18:07	WG1725683
Sulfate	815000		59400	500000	100	08/19/2021 18:07	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	8860		102	1000	1	08/18/2021 16:44	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9250		18.0	100	1	08/20/2021 08:22	WG1724298
Manganese	1600		0.934	10.0	1	08/20/2021 08:22	WG1724298
Sodium	4250000		2520	15000	5	08/20/2021 09:39	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	180		2.91	10.0	1	08/17/2021 14:23	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 14:23	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 14:23	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 16:30	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 16:30	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 16:30	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 16:30	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 16:30	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 16:30	WG1724544
Carbon disulfide	0.421	B J	0.0962	1.00	1	08/17/2021 16:30	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 16:30	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 16:30	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 16:30	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 16:30	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 16:30	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 16:30	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 16:30	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 16:30	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 16:30	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 16:30	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 16:30	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 16:30	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 16:30	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 16:30	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 16:30	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 16:30	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 16:30	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 16:30	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 16:30	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 16:30	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 16:30	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 16:30	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 16:30	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 16:30	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 16:30	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 16:30	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 16:30	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 16:30	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 16:30	WG1724544
Methyl tert-butyl ether	U		0.101	1.00	1	08/17/2021 16:30	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 16:30	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 16:30	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 16:30	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 16:30	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 12:28	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 16:30	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 16:30	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 16:30	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 16:30	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 16:30	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 16:30	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 16:30	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 16:30	WG1724544
(S) Toluene-d8	*98.9*			*80.0-120*		*08/17/2021 16:30*	WG1724544
(S) Toluene-d8	*103*			*80.0-120*		*08/20/2021 12:28*	WG1726684
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*		*08/17/2021 16:30*	WG1724544
(S) 4-Bromofluorobenzene	*87.6*			*77.0-126*		*08/20/2021 12:28*	WG1726684
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/17/2021 16:30*	WG1724544
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*08/20/2021 12:28*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	5510		18.0	100	1	08/20/2021 08:25	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	369000		8450	20000	1	08/16/2021 08:34	WG1723670

Sample Narrative:
L1390726-02 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	2050	T8	30.0	100	2	08/15/2021 13:37	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:38	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	125000	T8	20000	1	08/16/2021 08:34	WG1723670

Sample Narrative:
L1390726-02 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:29	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	7480000		37900	100000	100	08/19/2021 18:24	WG1725683
Sulfate	872000		59400	500000	100	08/19/2021 18:24	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5940		102	1000	1	08/18/2021 16:59	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7560		18.0	100	1	08/20/2021 08:25	WG1724298
Manganese	2180		0.934	10.0	1	08/20/2021 08:25	WG1724298
Sodium	4570000		2520	15000	5	08/20/2021 09:42	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	191		2.91	10.0	1	08/17/2021 14:33	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 14:33	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 14:33	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 16:50	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 16:50	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 16:50	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 16:50	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 16:50	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 16:50	WG1724544
Carbon disulfide	1.48	B	0.0962	1.00	1	08/17/2021 16:50	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 16:50	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 16:50	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 16:50	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 16:50	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 16:50	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 16:50	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 16:50	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 16:50	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 16:50	WG1724544
1,2-Dichlorobenzene	0.401	J	0.107	1.00	1	08/17/2021 16:50	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 16:50	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 16:50	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 16:50	WG1724544
1,1-Dichloroethane	0.147	J	0.100	1.00	1	08/17/2021 16:50	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 16:50	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 16:50	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 16:50	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 16:50	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 16:50	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 16:50	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 16:50	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 16:50	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 16:50	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 16:50	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 16:50	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 16:50	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 16:50	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 16:50	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 16:50	WG1724544
Methyl tert-butyl ether	U		0.101	1.00	1	08/17/2021 16:50	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 16:50	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 16:50	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 16:50	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 16:50	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 12:48	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 16:50	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 16:50	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 16:50	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 16:50	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 16:50	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 16:50	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 16:50	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 16:50	WG1724544
(S) Toluene-d8	*99.2*			*80.0-120*		*08/17/2021 16:50*	WG1724544
(S) Toluene-d8	*102*			*80.0-120*		*08/20/2021 12:48*	WG1726684
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*		*08/17/2021 16:50*	WG1724544
(S) 4-Bromofluorobenzene	*82.4*			*77.0-126*		*08/20/2021 12:48*	WG1726684
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/17/2021 16:50*	WG1724544
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*08/20/2021 12:48*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1840		18.0	100	1	08/20/2021 08:28	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	529000		8450	20000	1	08/16/2021 08:38	WG1723670

Sample Narrative:
L1390726-03 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	3190	T8	30.0	100	2	08/15/2021 13:41	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:39	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	53200	B T8	20000	1	08/16/2021 08:38	WG1723670

Sample Narrative:
L1390726-03 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:29	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	16500000		190000	500000	500	08/23/2021 13:48	WG1725683
Sulfate	1890000		59400	500000	100	08/19/2021 19:29	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	9590	B	510	5000	5	08/18/2021 17:12	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5030		18.0	100	1	08/20/2021 08:28	WG1724298
Manganese	538		0.934	10.0	1	08/20/2021 08:28	WG1724298
Sodium	31600		504	3000	1	08/20/2021 08:28	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		2.91	10.0	1	08/17/2021 14:46	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 14:46	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 14:46	WG1724320

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	16.8	C3 J	11.3	50.0	1	08/17/2021 17:11	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 17:11	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 17:11	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 17:11	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 17:11	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 17:11	WG1724544
Carbon disulfide	1.47	B	0.0962	1.00	1	08/17/2021 17:11	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 17:11	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 17:11	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 17:11	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 17:11	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 17:11	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 17:11	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 17:11	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 17:11	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 17:11	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 17:11	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 17:11	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 17:11	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 17:11	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 17:11	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 17:11	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 17:11	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 17:11	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 17:11	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 17:11	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 17:11	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 17:11	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 17:11	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 17:11	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 17:11	WG1724544
2-Butanone (MEK)	3.67	J	1.19	10.0	1	08/17/2021 17:11	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 17:11	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 17:11	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 17:11	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 17:11	WG1724544
Methyl tert-butyl ether	U		0.101	1.00	1	08/17/2021 17:11	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 17:11	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 17:11	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 17:11	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 17:11	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 13:09	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 17:11	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 17:11	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 17:11	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 17:11	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 17:11	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 17:11	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 17:11	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 17:11	WG1724544
(S) Toluene-d8	*105*			*80.0-120*		*08/17/2021 17:11*	WG1724544
(S) Toluene-d8	*105*			*80.0-120*		*08/20/2021 13:09*	WG1726684
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*		*08/17/2021 17:11*	WG1724544
(S) 4-Bromofluorobenzene	*84.4*			*77.0-126*		*08/20/2021 13:09*	WG1726684
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*08/17/2021 17:11*	WG1724544
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*08/20/2021 13:09*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	08/31/2021 16:00	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	708000		8450	20000	1	08/16/2021 08:43	WG1723670

Sample Narrative:
L1390726-04 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	11600	T8	375	1250	25	08/31/2021 16:00	WG1732393

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:40	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	71300	T8	20000	1	08/16/2021 08:43	WG1723670

Sample Narrative:
L1390726-04 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:31	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	181000		3790	10000	10	08/19/2021 19:46	WG1725683
Sulfate	106000		5940	50000	10	08/19/2021 19:46	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	22700		102	1000	1	08/18/2021 17:37	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	8720		18.0	100	1	08/20/2021 08:31	WG1724298
Manganese	2450		0.934	10.0	1	08/20/2021 08:31	WG1724298
Sodium	193000		504	3000	1	08/20/2021 08:31	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4930		2.91	10.0	1	08/17/2021 15:03	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:03	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:03	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 17:42	WG1724544
Benzene	0.109	J	0.0941	1.00	1	08/17/2021 17:42	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 17:42	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 17:42	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 17:42	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 17:42	WG1724544
Carbon disulfide	1.06	B	0.0962	1.00	1	08/17/2021 17:42	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 17:42	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 17:42	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 17:42	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 17:42	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 17:42	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 17:42	WG1724544
Cyclohexane	4.00		0.188	1.00	1	08/17/2021 17:42	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 17:42	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 17:42	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 17:42	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 17:42	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 17:42	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 17:42	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 17:42	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 17:42	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 17:42	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 17:42	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 17:42	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 17:42	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 17:42	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 17:42	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 17:42	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 17:42	WG1724544
Isopropylbenzene	1.31		0.105	1.00	1	08/17/2021 17:42	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 17:42	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 17:42	WG1724544
Methyl Cyclohexane	6.97		0.660	1.00	1	08/17/2021 17:42	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 17:42	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 17:42	WG1724544
Methyl tert-butyl ether	U		0.101	1.00	1	08/17/2021 17:42	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 17:42	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 17:42	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 17:42	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 17:42	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 13:30	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 17:42	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 17:42	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 17:42	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 17:42	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 17:42	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 17:42	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 17:42	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 17:42	WG1724544
(S) Toluene-d8	*94.4*			*80.0-120*		*08/17/2021 17:42*	WG1724544
(S) Toluene-d8	*97.4*			*80.0-120*		*08/20/2021 13:30*	WG1726684
(S) 4-Bromofluorobenzene	*90.9*			*77.0-126*		*08/17/2021 17:42*	WG1724544
(S) 4-Bromofluorobenzene	*86.4*			*77.0-126*		*08/20/2021 13:30*	WG1726684
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/17/2021 17:42*	WG1724544
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*08/20/2021 13:30*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1810		18.0	100	1	08/31/2021 16:00	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	540000		8450	20000	1	08/16/2021 08:59	WG1723670

Sample Narrative:
L1390726-05 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	17500	T8	375	1250	25	08/31/2021 16:00	WG1732393

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:45	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	148000	T8	20000	1	08/16/2021 08:59	WG1723670

Sample Narrative:
L1390726-05 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:33	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	16700000		190000	500000	500	08/19/2021 20:18	WG1725683
Sulfate	1900000		59400	500000	100	08/19/2021 20:02	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	8970		102	1000	1	08/18/2021 17:55	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	19400		18.0	100	1	08/20/2021 08:34	WG1724298
Manganese	393		0.934	10.0	1	08/20/2021 08:34	WG1724298
Sodium	8190000		5040	30000	10	08/20/2021 09:45	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	61.1		2.91	10.0	1	08/17/2021 15:06	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:06	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:06	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 18:03	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 18:03	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 18:03	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 18:03	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 18:03	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 18:03	WG1724544
Carbon disulfide	1.23	B	0.0962	1.00	1	08/17/2021 18:03	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 18:03	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 18:03	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 18:03	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 18:03	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 18:03	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 18:03	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 18:03	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 18:03	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 18:03	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 18:03	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 18:03	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 18:03	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 18:03	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 18:03	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 18:03	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 18:03	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 18:03	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 18:03	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 18:03	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 18:03	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 18:03	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 18:03	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 18:03	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 18:03	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 18:03	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 18:03	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 18:03	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 18:03	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 18:03	WG1724544
Methyl tert-butyl ether	0.272	J	0.101	1.00	1	08/17/2021 18:03	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 18:03	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 18:03	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 18:03	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 18:03	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 13:50	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 18:03	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 18:03	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 18:03	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 18:03	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 18:03	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 18:03	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 18:03	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 18:03	WG1724544
(S) Toluene-d8	*103*			*80.0-120*		*08/17/2021 18:03*	WG1724544
(S) Toluene-d8	*102*			*80.0-120*		*08/20/2021 13:50*	WG1726684
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*08/17/2021 18:03*	WG1724544
(S) 4-Bromofluorobenzene	*84.9*			*77.0-126*		*08/20/2021 13:50*	WG1726684
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*08/17/2021 18:03*	WG1724544
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*08/20/2021 13:50*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1200		15.0	50.0	1	08/20/2021 08:37	WG1724298

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	841000		8450	20000	1	08/16/2021 09:07	WG1723670

Sample Narrative:
L1390726-06 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	246	T8	15.0	50.0	1	08/15/2021 13:45	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		500	1000	10	08/25/2021 13:02	WG1725653

Sample Narrative:
L1390726-06 WG1725653: dilution due to sample matrix

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	91000	T8	20000	1	08/16/2021 09:07	WG1723670

Sample Narrative:
L1390726-06 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:33	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4350000		37900	100000	100	08/19/2021 20:51	WG1725683
Sulfate	195000		5940	50000	10	08/19/2021 20:35	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	14200		102	1000	1	08/18/2021 18:13	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1450		18.0	100	1	08/20/2021 08:37	WG1724298
Manganese	111		0.934	10.0	1	08/20/2021 08:37	WG1724298

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2410000		2520	15000	5	08/20/2021 09:48	WG1724298

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1670		2.91	10.0	1	08/17/2021 15:10	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:10	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:10	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 18:23	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 18:23	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 18:23	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 18:23	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 18:23	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 18:23	WG1724544
Carbon disulfide	1.10	B	0.0962	1.00	1	08/17/2021 18:23	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 18:23	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 18:23	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 18:23	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 18:23	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 18:23	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 18:23	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 18:23	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 18:23	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 18:23	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 18:23	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 18:23	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 18:23	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 18:23	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 18:23	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 18:23	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 18:23	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 18:23	WG1724544
trans-1,2-Dichloroethene	0.198	J	0.149	1.00	1	08/17/2021 18:23	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 18:23	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 18:23	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 18:23	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 18:23	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 18:23	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 18:23	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 18:23	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 18:23	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 18:23	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 18:23	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 18:23	WG1724544
Methyl tert-butyl ether	26.3		0.101	1.00	1	08/17/2021 18:23	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 18:23	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 18:23	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 18:23	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 18:23	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 14:10	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 18:23	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 18:23	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 18:23	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 18:23	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 18:23	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 18:23	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 18:23	WG1724544
Xylenes, Total	U		0.174	3.00	1	08/17/2021 18:23	WG1724544
(S) Toluene-d8	*99.2*			*80.0-120*		*08/17/2021 18:23*	WG1724544
(S) Toluene-d8	*104*			*80.0-120*		*08/20/2021 14:10*	WG1726684
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*		*08/17/2021 18:23*	WG1724544
(S) 4-Bromofluorobenzene	*88.2*			*77.0-126*		*08/20/2021 14:10*	WG1726684
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*08/17/2021 18:23*	WG1724544
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*08/20/2021 14:10*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	08/18/2021 22:43	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	485000		8450	20000	1	08/16/2021 09:12	WG1723670

Sample Narrative:
L1390726-07 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	210	T8	15.0	50.0	1	08/15/2021 13:46	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:49	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	41900	B T8	20000	1	08/16/2021 09:12	WG1723670

Sample Narrative:
L1390726-07 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:34	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1970000		37900	100000	100	08/19/2021 21:24	WG1725683
Sulfate	245000		5940	50000	10	08/19/2021 21:08	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	24200		102	1000	1	08/18/2021 18:32	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	101		18.0	100	1	08/18/2021 22:43	WG1724770
Manganese	36.0		0.934	10.0	1	08/18/2021 22:43	WG1724770
Sodium	867000		504	3000	1	08/18/2021 22:43	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1380		2.91	10.0	1	08/17/2021 15:14	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:14	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:14	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 18:44	WG1724544
Benzene	5.94		0.0941	1.00	1	08/17/2021 18:44	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 18:44	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 18:44	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 18:44	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 18:44	WG1724544
Carbon disulfide	6.60		0.0962	1.00	1	08/17/2021 18:44	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 18:44	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 18:44	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 18:44	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 18:44	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 18:44	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 18:44	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 18:44	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 18:44	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 18:44	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 18:44	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 18:44	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 18:44	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 18:44	WG1724544
1,1-Dichloroethane	0.213	J	0.100	1.00	1	08/17/2021 18:44	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 18:44	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 18:44	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 18:44	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 18:44	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 18:44	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 18:44	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 18:44	WG1724544
Ethylbenzene	1.48	B	0.137	1.00	1	08/17/2021 18:44	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 18:44	WG1724544
Isopropylbenzene	0.211	J	0.105	1.00	1	08/17/2021 18:44	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 18:44	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 18:44	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 18:44	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 18:44	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 18:44	WG1724544
Methyl tert-butyl ether	8.64		0.101	1.00	1	08/17/2021 18:44	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 18:44	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 18:44	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 18:44	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 18:44	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 14:31	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 18:44	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 18:44	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 18:44	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 18:44	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 18:44	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 18:44	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 18:44	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	1.62	J	0.174	3.00	1	08/17/2021 18:44	WG1724544
(S) Toluene-d8	*99.4*			*80.0-120*		*08/17/2021 18:44*	WG1724544
(S) Toluene-d8	*104*			*80.0-120*		*08/20/2021 14:31*	WG1726684
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*		*08/17/2021 18:44*	WG1724544
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*		*08/20/2021 14:31*	WG1726684
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*08/17/2021 18:44*	WG1724544
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*08/20/2021 14:31*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	08/31/2021 16:05	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	376000		8450	20000	1	08/16/2021 09:16	WG1723670

Sample Narrative:
L1390726-08 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	2170	T8	75.0	250	5	08/31/2021 16:05	WG1732393

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 11:53	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	35900	B T8	20000	1	08/16/2021 09:16	WG1723670

Sample Narrative:
L1390726-08 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:34	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3250000		37900	100000	100	08/19/2021 22:30	WG1725683
Sulfate	191000		5940	50000	10	08/19/2021 21:41	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	11900		102	1000	1	08/18/2021 18:49	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1380		18.0	100	1	08/18/2021 21:37	WG1724770
Manganese	1550		0.934	10.0	1	08/18/2021 21:37	WG1724770
Sodium	1560000		2520	15000	5	08/18/2021 22:55	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1070		2.91	10.0	1	08/17/2021 15:17	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:17	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:17	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 19:05	WG1724544
Benzene	0.134	J	0.0941	1.00	1	08/17/2021 19:05	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 19:05	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 19:05	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 19:05	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 19:05	WG1724544
Carbon disulfide	4.96		0.0962	1.00	1	08/17/2021 19:05	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 19:05	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 19:05	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 19:05	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 19:05	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 19:05	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 19:05	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 19:05	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 19:05	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 19:05	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 19:05	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 19:05	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 19:05	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 19:05	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 19:05	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 19:05	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 19:05	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 19:05	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 19:05	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 19:05	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 19:05	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 19:05	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 19:05	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 19:05	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 19:05	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 19:05	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 19:05	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 19:05	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 19:05	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 19:05	WG1724544
Methyl tert-butyl ether	19.6		0.101	1.00	1	08/17/2021 19:05	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 19:05	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 19:05	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 19:05	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 19:05	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 14:51	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 19:05	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 19:05	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 19:05	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 19:05	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 19:05	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 19:05	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 19:05	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 19:05	WG1724544
(S) Toluene-d8	*102*			*80.0-120*		*08/17/2021 19:05*	WG1724544
(S) Toluene-d8	*103*			*80.0-120*		*08/20/2021 14:51*	WG1726684
(S) 4-Bromofluorobenzene	*91.7*			*77.0-126*		*08/17/2021 19:05*	WG1724544
(S) 4-Bromofluorobenzene	*86.0*			*77.0-126*		*08/20/2021 14:51*	WG1726684
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*08/17/2021 19:05*	WG1724544
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*08/20/2021 14:51*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	785		15.0	50.0	1	08/18/2021 21:40	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	578000		8450	20000	1	08/16/2021 09:20	WG1723670

Sample Narrative:
L1390726-09 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	1070	T8	15.0	50.0	1	08/15/2021 13:47	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		500	1000	10	08/25/2021 13:03	WG1725653

Sample Narrative:
L1390726-09 WG1725653: dilution due to sample matrix

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	46800	B T8	20000	1	08/16/2021 09:20	WG1723670

Sample Narrative:
L1390726-09 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:34	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3140000		37900	100000	100	08/19/2021 23:03	WG1725683
Sulfate	285000		5940	50000	10	08/19/2021 22:46	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	13200		102	1000	1	08/18/2021 20:00	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1850		18.0	100	1	08/18/2021 21:40	WG1724770
Manganese	100		0.934	10.0	1	08/18/2021 21:40	WG1724770

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2010000		2520	15000	5	08/18/2021 23:13	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	08/17/2021 15:22	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:22	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:22	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 19:26	WG1724544
Benzene	U		0.0941	1.00	1	08/17/2021 19:26	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 19:26	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 19:26	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 19:26	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 19:26	WG1724544
Carbon disulfide	4.08	B	0.0962	1.00	1	08/17/2021 19:26	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 19:26	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 19:26	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 19:26	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 19:26	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 19:26	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 19:26	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 19:26	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 19:26	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 19:26	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 19:26	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 19:26	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 19:26	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 19:26	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 19:26	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 19:26	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 19:26	WG1724544
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/17/2021 19:26	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 19:26	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 19:26	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 19:26	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 19:26	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 19:26	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 19:26	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 19:26	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 19:26	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 19:26	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 19:26	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 19:26	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 19:26	WG1724544
Methyl tert-butyl ether	3.23		0.101	1.00	1	08/17/2021 19:26	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 19:26	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 19:26	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 19:26	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 19:26	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 15:11	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 19:26	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 19:26	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 19:26	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 19:26	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 19:26	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 19:26	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 19:26	WG1724544
Xylenes, Total	U		0.174	3.00	1	08/17/2021 19:26	WG1724544
(S) Toluene-d8	*97.4*			*80.0-120*		*08/17/2021 19:26*	WG1724544
(S) Toluene-d8	*103*			*80.0-120*		*08/20/2021 15:11*	WG1726684
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*		*08/17/2021 19:26*	WG1724544
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*08/20/2021 15:11*	WG1726684
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*08/17/2021 19:26*	WG1724544
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*08/20/2021 15:11*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	08/31/2021 16:06	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	567000		8450	20000	1	08/16/2021 09:24	WG1723670

Sample Narrative:
L1390726-10 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	332	T8	15.0	50.0	1	08/31/2021 16:06	WG1732393

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		500	1000	10	08/25/2021 13:05	WG1725653

Sample Narrative:
L1390726-10 WG1725653: dilution due to sample matrix

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	ND	T8	20000	1	08/16/2021 09:24	WG1723670

Sample Narrative:
L1390726-10 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:35	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	639000		3790	10000	10	08/19/2021 23:19	WG1725683
Sulfate	61200		594	5000	1	08/23/2021 14:04	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	27800		102	1000	1	08/18/2021 20:18	WG1724841

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	92.4	J	18.0	100	1	08/18/2021 22:46	WG1724770
Manganese	1.65	J	0.934	10.0	1	08/18/2021 22:46	WG1724770

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	462000		504	3000	1	08/18/2021 22:46	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6110		2.91	10.0	1	08/17/2021 15:35	WG1724320
Ethane	49.4		4.07	13.0	1	08/17/2021 15:35	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:35	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	84.1	C3	11.3	50.0	1	08/17/2021 19:46	WG1724544
Benzene	15.4		0.0941	1.00	1	08/17/2021 19:46	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 19:46	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 19:46	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 19:46	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 19:46	WG1724544
Carbon disulfide	5.26		0.0962	1.00	1	08/17/2021 19:46	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 19:46	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 19:46	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 19:46	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 19:46	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 19:46	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 19:46	WG1724544
Cyclohexane	0.639	J	0.188	1.00	1	08/17/2021 19:46	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 19:46	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 19:46	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 19:46	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 19:46	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 19:46	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 19:46	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 19:46	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 19:46	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 19:46	WG1724544
cis-1,2-Dichloroethene	14.3		0.126	1.00	1	08/17/2021 19:46	WG1724544
trans-1,2-Dichloroethene	0.533	J	0.149	1.00	1	08/17/2021 19:46	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 19:46	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 19:46	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 19:46	WG1724544
Ethylbenzene	2.22	B	0.137	1.00	1	08/17/2021 19:46	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 19:46	WG1724544
Isopropylbenzene	0.564	J	0.105	1.00	1	08/17/2021 19:46	WG1724544
2-Butanone (MEK)	22.8		1.19	10.0	1	08/17/2021 19:46	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 19:46	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 19:46	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 19:46	WG1724544
4-Methyl-2-pentanone (MIBK)	0.960	J	0.478	10.0	1	08/17/2021 19:46	WG1724544
Methyl tert-butyl ether	68.5		0.101	1.00	1	08/17/2021 19:46	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 19:46	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 19:46	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 19:46	WG1724544
Toluene	2.49		0.278	1.00	1	08/17/2021 19:46	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 15:32	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 19:46	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 19:46	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 19:46	WG1724544
Trichloroethene	56.8		0.190	1.00	1	08/17/2021 19:46	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 19:46	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 19:46	WG1724544
Vinyl chloride	4.44		0.234	1.00	1	08/17/2021 19:46	WG1724544
Xylenes, Total	5.08		0.174	3.00	1	08/17/2021 19:46	WG1724544
(S) Toluene-d8	*98.8*			*80.0-120*		*08/17/2021 19:46*	WG1724544
(S) Toluene-d8	*104*			*80.0-120*		*08/20/2021 15:32*	WG1726684
(S) 4-Bromofluorobenzene	*94.5*			*77.0-126*		*08/17/2021 19:46*	WG1724544
(S) 4-Bromofluorobenzene	*89.0*			*77.0-126*		*08/20/2021 15:32*	WG1726684
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/17/2021 19:46*	WG1724544
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*08/20/2021 15:32*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	611		18.0	100	1	08/18/2021 21:46	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	516000		8450	20000	1	08/16/2021 09:29	WG1723670

Sample Narrative:
L1390726-11 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	2360	T8	75.0	250	5	08/15/2021 13:48	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	53.3	J	50.0	100	1	08/25/2021 11:57	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	30800	B T8	20000	1	08/16/2021 09:29	WG1723670

Sample Narrative:
L1390726-11 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:35	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2330000		37900	100000	100	08/20/2021 00:08	WG1725683
Sulfate	198000		5940	50000	10	08/19/2021 23:52	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	18100		102	1000	1	08/19/2021 12:35	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2970		18.0	100	1	08/18/2021 21:46	WG1724770
Manganese	973		0.934	10.0	1	08/18/2021 21:46	WG1724770
Sodium	1320000		2520	15000	5	08/18/2021 23:16	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	944		2.91	10.0	1	08/17/2021 15:39	WG1724320
Ethane	U		4.07	13.0	1	08/17/2021 15:39	WG1724320
Ethene	U		4.26	13.0	1	08/17/2021 15:39	WG1724320

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 20:07	WG1724544
Benzene	0.151	J	0.0941	1.00	1	08/17/2021 20:07	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 20:07	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 20:07	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 20:07	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 20:07	WG1724544
Carbon disulfide	8.06		0.0962	1.00	1	08/17/2021 20:07	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 20:07	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 20:07	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 20:07	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 20:07	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 20:07	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 20:07	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 20:07	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 20:07	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 20:07	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 20:07	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 20:07	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 20:07	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 20:07	WG1724544
1,1-Dichloroethane	U		0.100	1.00	1	08/17/2021 20:07	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 20:07	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 20:07	WG1724544
cis-1,2-Dichloroethene	0.388	J	0.126	1.00	1	08/17/2021 20:07	WG1724544
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/17/2021 20:07	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 20:07	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 20:07	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 20:07	WG1724544
Ethylbenzene	U		0.137	1.00	1	08/17/2021 20:07	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 20:07	WG1724544
Isopropylbenzene	0.312	J	0.105	1.00	1	08/17/2021 20:07	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 20:07	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 20:07	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 20:07	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 20:07	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 20:07	WG1724544
Methyl tert-butyl ether	106		0.101	1.00	1	08/17/2021 20:07	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 20:07	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 20:07	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 20:07	WG1724544
Toluene	U		0.278	1.00	1	08/17/2021 20:07	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 15:52	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 20:07	WG1724544
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 20:07	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 20:07	WG1724544
Trichloroethene	U		0.190	1.00	1	08/17/2021 20:07	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 20:07	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 20:07	WG1724544
Vinyl chloride	U		0.234	1.00	1	08/17/2021 20:07	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/17/2021 20:07	WG1724544
(S) Toluene-d8	*97.3*			*80.0-120*		*08/17/2021 20:07*	WG1724544
(S) Toluene-d8	*102*			*80.0-120*		*08/20/2021 15:52*	WG1726684
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*08/17/2021 20:07*	WG1724544
(S) 4-Bromofluorobenzene	*85.4*			*77.0-126*		*08/20/2021 15:52*	WG1726684
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*08/17/2021 20:07*	WG1724544
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*08/20/2021 15:52*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	6110		15.0	50.0	1	08/18/2021 21:49	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	839000		8450	20000	1	08/16/2021 09:33	WG1723670

Sample Narrative:
L1390726-12 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	282	T8	15.0	50.0	1	08/15/2021 13:50	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		500	1000	10	08/25/2021 13:10	WG1725653

Sample Narrative:
L1390726-12 WG1725653: dilution due to sample matrix

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	103000	T8	20000	1	08/16/2021 09:33	WG1723670

Sample Narrative:
L1390726-12 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:35	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3970000		37900	100000	100	08/20/2021 00:41	WG1725683
Sulfate	188000		5940	50000	10	08/20/2021 00:25	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	19200		510	5000	5	08/19/2021 13:06	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	6400		18.0	100	1	08/18/2021 21:49	WG1724770
Manganese	138		0.934	10.0	1	08/18/2021 21:49	WG1724770

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2120000		2520	15000	5	08/18/2021 23:19	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2260		2.91	10.0	1	08/18/2021 12:47	WG1724783
Ethane	6.78	J	4.07	13.0	1	08/18/2021 12:47	WG1724783
Ethene	42.1		4.26	13.0	1	08/18/2021 12:47	WG1724783

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	50.0	1	08/17/2021 20:28	WG1724544
Benzene	3.05		0.0941	1.00	1	08/17/2021 20:28	WG1724544
Bromochloromethane	U		0.128	1.00	1	08/17/2021 20:28	WG1724544
Bromodichloromethane	U		0.136	1.00	1	08/17/2021 20:28	WG1724544
Bromoform	U	C3	0.129	1.00	1	08/17/2021 20:28	WG1724544
Bromomethane	U		0.605	5.00	1	08/17/2021 20:28	WG1724544
Carbon disulfide	10.7		0.0962	1.00	1	08/17/2021 20:28	WG1724544
Carbon tetrachloride	U		0.128	1.00	1	08/17/2021 20:28	WG1724544
Chlorobenzene	U		0.116	1.00	1	08/17/2021 20:28	WG1724544
Chlorodibromomethane	U		0.140	1.00	1	08/17/2021 20:28	WG1724544
Chloroethane	U		0.192	5.00	1	08/17/2021 20:28	WG1724544
Chloroform	U		0.111	5.00	1	08/17/2021 20:28	WG1724544
Chloromethane	U		0.960	2.50	1	08/17/2021 20:28	WG1724544
Cyclohexane	U		0.188	1.00	1	08/17/2021 20:28	WG1724544
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/17/2021 20:28	WG1724544
1,2-Dibromoethane	U		0.126	1.00	1	08/17/2021 20:28	WG1724544
1,2-Dichlorobenzene	U		0.107	1.00	1	08/17/2021 20:28	WG1724544
1,3-Dichlorobenzene	U		0.110	1.00	1	08/17/2021 20:28	WG1724544
1,4-Dichlorobenzene	U		0.120	1.00	1	08/17/2021 20:28	WG1724544
Dichlorodifluoromethane	U		0.374	5.00	1	08/17/2021 20:28	WG1724544
1,1-Dichloroethane	0.268	J	0.100	1.00	1	08/17/2021 20:28	WG1724544
1,2-Dichloroethane	U		0.0819	1.00	1	08/17/2021 20:28	WG1724544
1,1-Dichloroethene	U		0.188	1.00	1	08/17/2021 20:28	WG1724544
cis-1,2-Dichloroethene	0.635	J	0.126	1.00	1	08/17/2021 20:28	WG1724544
trans-1,2-Dichloroethene	1.87		0.149	1.00	1	08/17/2021 20:28	WG1724544
1,2-Dichloropropane	U		0.149	1.00	1	08/17/2021 20:28	WG1724544
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/17/2021 20:28	WG1724544
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/17/2021 20:28	WG1724544
Ethylbenzene	0.322	B J	0.137	1.00	1	08/17/2021 20:28	WG1724544
2-Hexanone	U		0.787	10.0	1	08/17/2021 20:28	WG1724544
Isopropylbenzene	U		0.105	1.00	1	08/17/2021 20:28	WG1724544
2-Butanone (MEK)	U		1.19	10.0	1	08/17/2021 20:28	WG1724544
Methyl Acetate	U		1.29	20.0	1	08/17/2021 20:28	WG1724544
Methyl Cyclohexane	U		0.660	1.00	1	08/17/2021 20:28	WG1724544
Methylene Chloride	U		0.430	5.00	1	08/17/2021 20:28	WG1724544
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/17/2021 20:28	WG1724544
Methyl tert-butyl ether	21.3		0.101	1.00	1	08/17/2021 20:28	WG1724544
Styrene	U		0.118	1.00	1	08/17/2021 20:28	WG1724544
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/17/2021 20:28	WG1724544
Tetrachloroethene	U		0.300	1.00	1	08/17/2021 20:28	WG1724544
Toluene	0.544	J	0.278	1.00	1	08/17/2021 20:28	WG1724544
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/20/2021 16:12	WG1726684
1,2,4-Trichlorobenzene	U	J4	0.481	1.00	1	08/17/2021 20:28	WG1724544

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	08/17/2021 20:28	WG1724544
1,1,2-Trichloroethane	U		0.158	1.00	1	08/17/2021 20:28	WG1724544
Trichloroethene	0.230	J	0.190	1.00	1	08/17/2021 20:28	WG1724544
Trichlorofluoromethane	U		0.160	5.00	1	08/17/2021 20:28	WG1724544
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/17/2021 20:28	WG1724544
Vinyl chloride	23.9		0.234	1.00	1	08/17/2021 20:28	WG1724544
Xylenes, Total	0.820	J	0.174	3.00	1	08/17/2021 20:28	WG1724544
(S) Toluene-d8	*101*			*80.0-120*		*08/17/2021 20:28*	WG1724544
(S) Toluene-d8	*103*			*80.0-120*		*08/20/2021 16:12*	WG1726684
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*08/17/2021 20:28*	WG1724544
(S) 4-Bromofluorobenzene	*87.1*			*77.0-126*		*08/20/2021 16:12*	WG1726684
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*08/17/2021 20:28*	WG1724544
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*08/20/2021 16:12*	WG1726684

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	203		15.0	50.0	1	08/18/2021 21:52	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	479000		8450	20000	1	08/16/2021 09:45	WG1723670

Sample Narrative:
L1390726-13 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	341	T8	15.0	50.0	1	08/15/2021 13:51	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 12:03	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	46000	B T8	20000	1	08/16/2021 09:45	WG1723670

Sample Narrative:
L1390726-13 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:36	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2060000		37900	100000	100	08/20/2021 01:47	WG1725683
Sulfate	220000		5940	50000	10	08/20/2021 00:57	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	32000		204	2000	2	08/19/2021 13:27	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	544		18.0	100	1	08/18/2021 21:52	WG1724770
Manganese	32.9		0.934	10.0	1	08/18/2021 21:52	WG1724770
Sodium	1150000		2520	15000	5	08/18/2021 23:22	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	3810		2.91	10.0	1	08/18/2021 12:54	WG1724783
Ethane	25.3		4.07	13.0	1	08/18/2021 12:54	WG1724783
Ethene	98.1		4.26	13.0	1	08/18/2021 12:54	WG1724783

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	08/19/2021 14:21	WG1725849
Benzene	5.78		0.0941	1.00	1	08/19/2021 14:21	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 14:21	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 14:21	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 14:21	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 14:21	WG1725849
Carbon disulfide	0.556	J	0.0962	1.00	1	08/19/2021 14:21	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 14:21	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 14:21	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 14:21	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 14:21	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 14:21	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 14:21	WG1725849
Cyclohexane	0.276	J	0.188	1.00	1	08/19/2021 14:21	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 14:21	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 14:21	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 14:21	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 14:21	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 14:21	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 14:21	WG1725849
1,1-Dichloroethane	0.302	J	0.100	1.00	1	08/19/2021 14:21	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 14:21	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 14:21	WG1725849
cis-1,2-Dichloroethene	0.236	J	0.126	1.00	1	08/19/2021 14:21	WG1725849
trans-1,2-Dichloroethene	2.54		0.149	1.00	1	08/19/2021 14:21	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 14:21	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 14:21	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 14:21	WG1725849
Ethylbenzene	0.973	J	0.137	1.00	1	08/19/2021 14:21	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 14:21	WG1725849
Isopropylbenzene	0.250	J	0.105	1.00	1	08/19/2021 14:21	WG1725849
2-Butanone (MEK)	U		1.19	10.0	1	08/19/2021 14:21	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 14:21	WG1725849
Methyl Cyclohexane	U		0.660	1.00	1	08/19/2021 14:21	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 14:21	WG1725849
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/19/2021 14:21	WG1725849
Methyl tert-butyl ether	67.5		0.101	1.00	1	08/19/2021 14:21	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 14:21	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 14:21	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 14:21	WG1725849
Toluene	0.326	J	0.278	1.00	1	08/19/2021 14:21	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 14:21	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 14:21	WG1725849
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 14:21	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 14:21	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 14:21	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 14:21	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 14:21	WG1725849
Vinyl chloride	38.6	C5 J4	0.234	1.00	1	08/19/2021 14:21	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	1.11	J	0.174	3.00	1	08/19/2021 14:21	WG1725849
(S) Toluene-d8	*100*			*80.0-120*		*08/19/2021 14:21*	WG1725849
(S) 4-Bromofluorobenzene	*84.9*			*77.0-126*		*08/19/2021 14:21*	WG1725849
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*08/19/2021 14:21*	WG1725849

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	4010		15.0	50.0	1	08/18/2021 22:49	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	235000		8450	20000	1	08/16/2021 09:49	WG1723670

Sample Narrative:
L1390726-14 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	1200	T8	15.0	50.0	1	08/15/2021 13:53	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 12:05	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	51400	B T8	20000	1	08/16/2021 09:49	WG1723670

Sample Narrative:
L1390726-14 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:36	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	787000		3790	10000	10	08/20/2021 02:36	WG1725683
Sulfate	64000		594	5000	1	08/20/2021 02:03	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	16700		510	5000	5	08/19/2021 13:41	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5200		18.0	100	1	08/18/2021 22:49	WG1724770
Manganese	272		0.934	10.0	1	08/18/2021 22:49	WG1724770
Sodium	446000		504	3000	1	08/18/2021 22:49	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4950		2.91	10.0	1	08/18/2021 13:01	WG1724783
Ethane	U		4.07	13.0	1	08/18/2021 13:01	WG1724783
Ethene	U		4.26	13.0	1	08/18/2021 13:01	WG1724783

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	08/19/2021 14:41	WG1725849
Benzene	U		0.0941	1.00	1	08/19/2021 14:41	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 14:41	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 14:41	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 14:41	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 14:41	WG1725849
Carbon disulfide	0.412	J	0.0962	1.00	1	08/19/2021 14:41	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 14:41	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 14:41	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 14:41	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 14:41	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 14:41	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 14:41	WG1725849
Cyclohexane	0.556	J	0.188	1.00	1	08/19/2021 14:41	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 14:41	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 14:41	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 14:41	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 14:41	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 14:41	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 14:41	WG1725849
1,1-Dichloroethane	U		0.100	1.00	1	08/19/2021 14:41	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 14:41	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 14:41	WG1725849
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/19/2021 14:41	WG1725849
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/19/2021 14:41	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 14:41	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 14:41	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 14:41	WG1725849
Ethylbenzene	U		0.137	1.00	1	08/19/2021 14:41	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 14:41	WG1725849
Isopropylbenzene	0.105	J	0.105	1.00	1	08/19/2021 14:41	WG1725849
2-Butanone (MEK)	U		1.19	10.0	1	08/19/2021 14:41	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 14:41	WG1725849
Methyl Cyclohexane	U		0.660	1.00	1	08/19/2021 14:41	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 14:41	WG1725849
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/19/2021 14:41	WG1725849
Methyl tert-butyl ether	20.9		0.101	1.00	1	08/19/2021 14:41	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 14:41	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 14:41	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 14:41	WG1725849
Toluene	U		0.278	1.00	1	08/19/2021 14:41	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 14:41	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 14:41	WG1725849
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 14:41	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 14:41	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 14:41	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 14:41	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 14:41	WG1725849
Vinyl chloride	U	J4	0.234	1.00	1	08/19/2021 14:41	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/19/2021 14:41	WG1725849
(S) Toluene-d8	*103*			*80.0-120*		*08/19/2021 14:41*	WG1725849
(S) 4-Bromofluorobenzene	*83.4*			*77.0-126*		*08/19/2021 14:41*	WG1725849
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*08/19/2021 14:41*	WG1725849

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	08/18/2021 21:58	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	637000		8450	20000	1	08/16/2021 09:53	WG1723670

Sample Narrative:
L1390726-15 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	5610	T8	150	500	10	08/15/2021 13:54	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		500	1000	10	08/25/2021 13:11	WG1725653

Sample Narrative:
L1390726-15 WG1725653: dilution due to sample matrix

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	56100	B T8	20000	1	08/16/2021 09:53	WG1723670

Sample Narrative:
L1390726-15 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:36	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2480000		37900	100000	100	08/20/2021 03:09	WG1725683
Sulfate	144000		5940	50000	10	08/20/2021 02:52	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	19500		510	5000	5	08/19/2021 13:55	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5080		18.0	100	1	08/18/2021 21:58	WG1724770
Manganese	88.3		0.934	10.0	1	08/18/2021 21:58	WG1724770

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2060000		2520	15000	5	08/18/2021 23:25	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4350		2.91	10.0	1	08/18/2021 13:06	WG1724783
Ethane	437		4.07	13.0	1	08/18/2021 13:06	WG1724783
Ethene	445		4.26	13.0	1	08/18/2021 13:06	WG1724783

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	08/19/2021 15:01	WG1725849
Benzene	5.51		0.0941	1.00	1	08/19/2021 15:01	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 15:01	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 15:01	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 15:01	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 15:01	WG1725849
Carbon disulfide	0.713	J	0.0962	1.00	1	08/19/2021 15:01	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 15:01	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 15:01	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 15:01	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 15:01	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 15:01	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 15:01	WG1725849
Cyclohexane	U		0.188	1.00	1	08/19/2021 15:01	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 15:01	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 15:01	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 15:01	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 15:01	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 15:01	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 15:01	WG1725849
1,1-Dichloroethane	0.950	J	0.100	1.00	1	08/19/2021 15:01	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 15:01	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 15:01	WG1725849
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/19/2021 15:01	WG1725849
trans-1,2-Dichloroethene	22.2		0.149	1.00	1	08/19/2021 15:01	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 15:01	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 15:01	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 15:01	WG1725849
Ethylbenzene	5.46		0.137	1.00	1	08/19/2021 15:01	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 15:01	WG1725849
Isopropylbenzene	0.901	J	0.105	1.00	1	08/19/2021 15:01	WG1725849
2-Butanone (MEK)	U		1.19	10.0	1	08/19/2021 15:01	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 15:01	WG1725849
Methyl Cyclohexane	3.53		0.660	1.00	1	08/19/2021 15:01	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 15:01	WG1725849
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/19/2021 15:01	WG1725849
Methyl tert-butyl ether	140		0.101	1.00	1	08/19/2021 15:01	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 15:01	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 15:01	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 15:01	WG1725849
Toluene	0.455	J	0.278	1.00	1	08/19/2021 15:01	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 15:01	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 15:01	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 15:01	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 15:01	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 15:01	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 15:01	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 15:01	WG1725849
Vinyl chloride	U	J4	0.234	1.00	1	08/19/2021 15:01	WG1725849
Xylenes, Total	3.90		0.174	3.00	1	08/19/2021 15:01	WG1725849
(S) Toluene-d8	*106*			*80.0-120*		*08/19/2021 15:01*	WG1725849
(S) 4-Bromofluorobenzene	*89.0*			*77.0-126*		*08/19/2021 15:01*	WG1725849
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*08/19/2021 15:01*	WG1725849

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	153		15.0	50.0	1	08/18/2021 22:01	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	206000		8450	20000	1	08/16/2021 09:57	WG1723670

Sample Narrative:
L1390726-16 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	1100	T8	15.0	50.0	1	08/15/2021 13:54	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 12:07	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	42300	B T8	20000	1	08/16/2021 09:57	WG1723670

Sample Narrative:
L1390726-16 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	08/18/2021 13:36	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1340000		7580	20000	20	08/23/2021 14:37	WG1725683
Sulfate	55900		594	5000	1	08/20/2021 03:25	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	38300		510	5000	5	08/19/2021 14:10	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1250		18.0	100	1	08/18/2021 22:01	WG1724770
Manganese	59.9		0.934	10.0	1	08/18/2021 22:01	WG1724770
Sodium	609000		504	3000	1	08/18/2021 22:52	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	12300		29.1	100	10	08/19/2021 11:22	WG1725506
Ethane	13.5		4.07	13.0	1	08/18/2021 13:13	WG1724783
Ethene	U		4.26	13.0	1	08/18/2021 13:13	WG1724783

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	68.6		11.3	50.0	1	08/19/2021 15:22	WG1725849
Benzene	33.2		0.0941	1.00	1	08/19/2021 15:22	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 15:22	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 15:22	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 15:22	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 15:22	WG1725849
Carbon disulfide	2.58		0.0962	1.00	1	08/19/2021 15:22	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 15:22	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 15:22	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 15:22	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 15:22	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 15:22	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 15:22	WG1725849
Cyclohexane	3.32		0.188	1.00	1	08/19/2021 15:22	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 15:22	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 15:22	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 15:22	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 15:22	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 15:22	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 15:22	WG1725849
1,1-Dichloroethane	U		0.100	1.00	1	08/19/2021 15:22	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 15:22	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 15:22	WG1725849
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/19/2021 15:22	WG1725849
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/19/2021 15:22	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 15:22	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 15:22	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 15:22	WG1725849
Ethylbenzene	0.916	J	0.137	1.00	1	08/19/2021 15:22	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 15:22	WG1725849
Isopropylbenzene	3.61		0.105	1.00	1	08/19/2021 15:22	WG1725849
2-Butanone (MEK)	14.0		1.19	10.0	1	08/19/2021 15:22	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 15:22	WG1725849
Methyl Cyclohexane	3.73		0.660	1.00	1	08/19/2021 15:22	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 15:22	WG1725849
4-Methyl-2-pentanone (MIBK)	2.81	J	0.478	10.0	1	08/19/2021 15:22	WG1725849
Methyl tert-butyl ether	8.58		0.101	1.00	1	08/19/2021 15:22	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 15:22	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 15:22	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 15:22	WG1725849
Toluene	3.92		0.278	1.00	1	08/19/2021 15:22	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 15:22	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 15:22	WG1725849
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 15:22	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 15:22	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 15:22	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 15:22	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 15:22	WG1725849
Vinyl chloride	U	J4	0.234	1.00	1	08/19/2021 15:22	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	5.64		0.174	3.00	1	08/19/2021 15:22	WG1725849
(S) Toluene-d8	*104*			*80.0-120*		*08/19/2021 15:22*	WG1725849
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*08/19/2021 15:22*	WG1725849
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*08/19/2021 15:22*	WG1725849

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	51.0		15.0	50.0	1	08/18/2021 22:11	WG1724770

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	U		8450	20000	1	08/16/2021 10:01	WG1723670

Sample Narrative:
L1390726-17 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferrous Iron	U	T8	15.0	50.0	1	08/15/2021 14:16	WG1723520

Wet Chemistry by Method 353.2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	08/25/2021 12:10	WG1725653

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	T8	20000	1	08/16/2021 10:01	WG1723670

Sample Narrative:
L1390726-17 WG1723670: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	08/18/2021 13:37	WG1723795

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		379	1000	1	08/20/2021 03:58	WG1725683
Sulfate	U		594	5000	1	08/20/2021 03:58	WG1725683

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	532	B J	102	1000	1	08/19/2021 14:22	WG1724845

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	51.0	J	18.0	100	1	08/18/2021 22:11	WG1724770
Manganese	1.16	J	0.934	10.0	1	08/18/2021 22:11	WG1724770
Sodium	U		504	3000	1	08/18/2021 22:11	WG1724770

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		2.91	10.0	1	08/18/2021 13:17	WG1724783
Ethane	U		4.07	13.0	1	08/18/2021 13:17	WG1724783
Ethene	U		4.26	13.0	1	08/18/2021 13:17	WG1724783

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	08/19/2021 09:35	WG1725849
Benzene	U		0.0941	1.00	1	08/19/2021 09:35	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 09:35	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 09:35	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 09:35	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 09:35	WG1725849
Carbon disulfide	U		0.0962	1.00	1	08/19/2021 09:35	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 09:35	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 09:35	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 09:35	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 09:35	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 09:35	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 09:35	WG1725849
Cyclohexane	U		0.188	1.00	1	08/19/2021 09:35	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 09:35	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 09:35	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 09:35	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 09:35	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 09:35	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 09:35	WG1725849
1,1-Dichloroethane	U		0.100	1.00	1	08/19/2021 09:35	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 09:35	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 09:35	WG1725849
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/19/2021 09:35	WG1725849
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/19/2021 09:35	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 09:35	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 09:35	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 09:35	WG1725849
Ethylbenzene	U		0.137	1.00	1	08/19/2021 09:35	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 09:35	WG1725849
Isopropylbenzene	U		0.105	1.00	1	08/19/2021 09:35	WG1725849
2-Butanone (MEK)	U		1.19	10.0	1	08/19/2021 09:35	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 09:35	WG1725849
Methyl Cyclohexane	U		0.660	1.00	1	08/19/2021 09:35	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 09:35	WG1725849
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/19/2021 09:35	WG1725849
Methyl tert-butyl ether	U		0.101	1.00	1	08/19/2021 09:35	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 09:35	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 09:35	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 09:35	WG1725849
Toluene	U		0.278	1.00	1	08/19/2021 09:35	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 09:35	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 09:35	WG1725849
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 09:35	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 09:35	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 09:35	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 09:35	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 09:35	WG1725849
Vinyl chloride	U	J4	0.234	1.00	1	08/19/2021 09:35	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	08/19/2021 09:35	WG1725849
(S) Toluene-d8	*104*			*80.0-120*		*08/19/2021 09:35*	WG1725849
(S) 4-Bromofluorobenzene	*87.4*			*77.0-126*		*08/19/2021 09:35*	WG1725849
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*08/19/2021 09:35*	WG1725849

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	08/19/2021 08:54	WG1725849
Benzene	0.143	J	0.0941	1.00	1	08/19/2021 08:54	WG1725849
Bromochloromethane	U		0.128	1.00	1	08/19/2021 08:54	WG1725849
Bromodichloromethane	U		0.136	1.00	1	08/19/2021 08:54	WG1725849
Bromoform	U		0.129	1.00	1	08/19/2021 08:54	WG1725849
Bromomethane	U		0.605	5.00	1	08/19/2021 08:54	WG1725849
Carbon disulfide	U		0.0962	1.00	1	08/19/2021 08:54	WG1725849
Carbon tetrachloride	U		0.128	1.00	1	08/19/2021 08:54	WG1725849
Chlorobenzene	U		0.116	1.00	1	08/19/2021 08:54	WG1725849
Chlorodibromomethane	U		0.140	1.00	1	08/19/2021 08:54	WG1725849
Chloroethane	U		0.192	5.00	1	08/19/2021 08:54	WG1725849
Chloroform	U		0.111	5.00	1	08/19/2021 08:54	WG1725849
Chloromethane	U	J4	0.960	2.50	1	08/19/2021 08:54	WG1725849
Cyclohexane	U		0.188	1.00	1	08/19/2021 08:54	WG1725849
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	08/19/2021 08:54	WG1725849
1,2-Dibromoethane	U		0.126	1.00	1	08/19/2021 08:54	WG1725849
1,2-Dichlorobenzene	U		0.107	1.00	1	08/19/2021 08:54	WG1725849
1,3-Dichlorobenzene	U		0.110	1.00	1	08/19/2021 08:54	WG1725849
1,4-Dichlorobenzene	U		0.120	1.00	1	08/19/2021 08:54	WG1725849
Dichlorodifluoromethane	U		0.374	5.00	1	08/19/2021 08:54	WG1725849
1,1-Dichloroethane	U		0.100	1.00	1	08/19/2021 08:54	WG1725849
1,2-Dichloroethane	U		0.0819	1.00	1	08/19/2021 08:54	WG1725849
1,1-Dichloroethene	U		0.188	1.00	1	08/19/2021 08:54	WG1725849
cis-1,2-Dichloroethene	U		0.126	1.00	1	08/19/2021 08:54	WG1725849
trans-1,2-Dichloroethene	U		0.149	1.00	1	08/19/2021 08:54	WG1725849
1,2-Dichloropropane	U		0.149	1.00	1	08/19/2021 08:54	WG1725849
cis-1,3-Dichloropropene	U		0.111	1.00	1	08/19/2021 08:54	WG1725849
trans-1,3-Dichloropropene	U		0.118	1.00	1	08/19/2021 08:54	WG1725849
Ethylbenzene	U		0.137	1.00	1	08/19/2021 08:54	WG1725849
2-Hexanone	U		0.787	10.0	1	08/19/2021 08:54	WG1725849
Isopropylbenzene	U		0.105	1.00	1	08/19/2021 08:54	WG1725849
2-Butanone (MEK)	U		1.19	10.0	1	08/19/2021 08:54	WG1725849
Methyl Acetate	U		1.29	20.0	1	08/19/2021 08:54	WG1725849
Methyl Cyclohexane	U		0.660	1.00	1	08/19/2021 08:54	WG1725849
Methylene Chloride	U		0.430	5.00	1	08/19/2021 08:54	WG1725849
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	08/19/2021 08:54	WG1725849
Methyl tert-butyl ether	U		0.101	1.00	1	08/19/2021 08:54	WG1725849
Styrene	U		0.118	1.00	1	08/19/2021 08:54	WG1725849
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	08/19/2021 08:54	WG1725849
Tetrachloroethene	U		0.300	1.00	1	08/19/2021 08:54	WG1725849
Toluene	U		0.278	1.00	1	08/19/2021 08:54	WG1725849
1,2,3-Trichlorobenzene	U		0.230	1.00	1	08/19/2021 08:54	WG1725849
1,2,4-Trichlorobenzene	U		0.481	1.00	1	08/19/2021 08:54	WG1725849
1,1,1-Trichloroethane	U		0.149	1.00	1	08/19/2021 08:54	WG1725849
1,1,2-Trichloroethane	U		0.158	1.00	1	08/19/2021 08:54	WG1725849
Trichloroethene	U		0.190	1.00	1	08/19/2021 08:54	WG1725849
Trichlorofluoromethane	U		0.160	5.00	1	08/19/2021 08:54	WG1725849
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	08/19/2021 08:54	WG1725849
Vinyl chloride	U	J4	0.234	1.00	1	08/19/2021 08:54	WG1725849
Xylenes, Total	U		0.174	3.00	1	08/19/2021 08:54	WG1725849
(S) Toluene-d8	*102*			*80.0-120*		*08/19/2021 08:54*	WG1725849
(S) 4-Bromofluorobenzene	*85.7*			*77.0-126*		*08/19/2021 08:54*	WG1725849
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*		*08/19/2021 08:54*	WG1725849

Method Blank (MB)

(MB) R3692380-2 08/16/21 08:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1390516-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1390516-01 08/16/21 08:16 • (DUP) R3692380-4 08/16/21 08:20

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	621000	624000	1	0.553		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1390726-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-05 08/16/21 08:59 • (DUP) R3692380-6 08/16/21 09:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	540000	549000	1	1.58		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3692380-1 08/16/21 07:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	101000	101	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3692157-1 08/15/21 13:35

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Ferrous Iron	U		15.0	50.0

L1390726-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-06 08/15/21 13:45 • (DUP) R3692157-3 08/15/21 13:46

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	246	240	1	2.47	T8	20

Laboratory Control Sample (LCS)

(LCS) R3692157-2 08/15/21 13:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	1000	100	85.0-115	

L1390726-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390726-17 08/15/21 14:16 • (MS) R3692157-4 08/15/21 14:16 • (MSD) R3692157-5 08/15/21 14:17

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ferrous Iron	1000	U	1020	1050	102	105	1	80.0-120		T8	3.00	20

Method Blank (MB)

(MB) R3698646-1 08/31/21 15:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Ferrous Iron	U		15.0	50.0

L1390726-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-01 08/31/21 15:59 • (DUP) R3698646-3 08/31/21 16:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	11400	11400	25	0.701		20

Laboratory Control Sample (LCS)

(LCS) R3698646-2 08/31/21 15:58

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	948	94.8	85.0-115	

L1390726-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390726-10 08/31/21 16:06 • (MS) R3698646-4 08/31/21 16:30 • (MSD) R3698646-5 08/31/21 16:30

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ferrous Iron	1000	332	1530	1530	120	120	1	80.0-120			0.261	20

Method Blank (MB)

(MB) R3696264-1 08/25/21 11:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Nitrate-Nitrite	U		50.0	100

L1390726-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-05 08/25/21 11:45 • (DUP) R3696264-3 08/25/21 11:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

L1390726-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-16 08/25/21 12:07 • (DUP) R3696264-6 08/25/21 12:08

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3696264-2 08/25/21 11:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2670	107	90.0-110	

L1390726-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390726-07 08/25/21 11:49 • (MS) R3696264-4 08/25/21 11:51 • (MSD) R3696264-5 08/25/21 11:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2500	U	2630	2360	105	94.4	1	90.0-110			10.8	20

L1390726-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1390726-17 08/25/21 12:10 • (MS) R3696264-7 08/25/21 12:11

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	U	2370	94.8	1	90.0-110	

Method Blank (MB)

(MB) R3692380-3 08/16/21 08:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	6880	J	6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1390516-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1390516-01 08/16/21 08:16 • (DUP) R3692380-5 08/16/21 08:20

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	246000	248000	1	0.484		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1390726-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-05 08/16/21 08:59 • (DUP) R3692380-7 08/16/21 09:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	148000	146000	1	1.53		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Method Blank (MB)

(MB) R3693386-1 08/18/21 13:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfide	U		25.0	50.0

L1390726-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-02 08/18/21 13:29 • (DUP) R3693386-3 08/18/21 13:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3693386-2 08/18/21 13:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	476	95.2	85.0-115	

L1390726-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390726-03 08/18/21 13:29 • (MS) R3693386-4 08/18/21 13:30 • (MSD) R3693386-5 08/18/21 13:30

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	1000	U	1050	1020	105	102	1	80.0-120			2.80	20

Method Blank (MB)

(MB) R3695279-1 08/19/21 13:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		379	1000
Sulfate	U		594	5000

L1390726-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-10 08/19/21 23:19 • (DUP) R3695279-6 08/19/21 23:35

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	639000	640000	10	0.235		15

L1390129-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1390129-16 08/19/21 16:29 • (DUP) R3695279-3 08/19/21 16:45

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	57700	57300	1	0.647		15
Sulfate	92800	93000	1	0.214		15

L1390726-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-10 08/23/21 14:04 • (DUP) R3695396-1 08/23/21 14:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	61200	60500	1	1.12		15

Laboratory Control Sample (LCS)

(LCS) R3695279-2 08/19/21 14:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40100	100	80.0-120	
Sulfate	40000	40700	102	80.0-120	

L1390129-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390129-17 08/19/21 17:02 • (MS) R3695279-4 08/19/21 17:18 • (MSD) R3695279-5 08/19/21 17:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50000	56000	104000	104000	96.1	95.9	1	80.0-120	E	E	0.130	15
Sulfate	50000	86800	135000	135000	96.1	95.6	1	80.0-120	E	E	0.194	15

L1390726-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1390726-14 08/20/21 02:03 • (MS) R3695279-7 08/20/21 02:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	788000	798000	20.3	1	80.0-120	E V
Sulfate	50000	64000	114000	99.7	1	80.0-120	E

Method Blank (MB)

(MB) R3693801-2 08/18/21 12:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	562	J	102	1000

L1390594-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1390594-02 08/18/21 15:31 • (DUP) R3693801-5 08/18/21 15:44

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	2190	2300	1	4.77		20

L1390726-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-08 08/18/21 18:49 • (DUP) R3693801-6 08/18/21 19:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	11900	11600	1	2.65		20

Laboratory Control Sample (LCS)

(LCS) R3693801-1 08/18/21 11:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	75600	101	85.0-115	

L1390515-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390515-13 08/18/21 13:53 • (MS) R3693801-3 08/18/21 14:16 • (MSD) R3693801-4 08/18/21 14:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	1750	54700	57200	106	111	1	80.0-120			4.34	20

L1391294-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1391294-01 08/18/21 20:32 • (MS) R3693801-7 08/18/21 20:50 • (MSD) R3693801-8 08/18/21 21:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	5610	58400	59300	106	107	1	80.0-120			1.43	20

Method Blank (MB)

(MB) R3694350-2 08/19/21 11:56

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	294	J	102	1000

L1390726-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-11 08/19/21 12:35 • (DUP) R3694350-3 08/19/21 12:53

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	18100	18200	1	0.772		20

L1390881-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1390881-06 08/19/21 15:24 • (DUP) R3694350-4 08/19/21 15:36

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	957	1050	1	8.94		20

Laboratory Control Sample (LCS)

(LCS) R3694350-1 08/19/21 11:45

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	76400	102	85.0-115	

L1391085-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1391085-01 08/19/21 16:46 • (MS) R3694350-5 08/19/21 17:01 • (MSD) R3694350-6 08/19/21 17:16

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	2920	54500	52700	103	99.6	1	80.0-120			3.23	20

L1391186-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1391186-03 08/19/21 18:27 • (MS) R3694350-7 08/19/21 18:46 • (MSD) R3694350-8 08/19/21 19:04

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	515	56000	52700	111	104	1	80.0-120			5.98	20

Method Blank (MB)

(MB) R3694418-1 08/20/21 07:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		18.0	100
Manganese	U		0.934	10.0
Sodium	U		504	3000

Laboratory Control Sample (LCS)

(LCS) R3694418-2 08/20/21 07:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	10300	103	80.0-120	
Manganese	1000	1010	101	80.0-120	
Sodium	10000	10800	108	80.0-120	

L1390684-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390684-01 08/20/21 07:50 • (MS) R3694418-4 08/20/21 07:56 • (MSD) R3694418-5 08/20/21 07:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	1030	11000	11000	100	99.4	1	75.0-125			0.730	20
Manganese	1000	2.17	999	1010	99.7	100	1	75.0-125			0.729	20
Sodium	10000	2490	12700	12600	102	102	1	75.0-125			0.600	20

Method Blank (MB)

(MB) R3693713-1 08/18/21 21:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		18.0	100
Manganese	U		0.934	10.0
Sodium	U		504	3000

Laboratory Control Sample (LCS)

(LCS) R3693713-2 08/18/21 21:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9800	98.0	80.0-120	
Manganese	1000	987	98.7	80.0-120	
Sodium	10000	10200	102	80.0-120	

L1390598-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1390598-10 08/18/21 21:06 • (MS) R3693713-4 08/18/21 21:11 • (MSD) R3693713-5 08/18/21 21:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	93.7	10100	9810	99.8	97.2	1	75.0-125			2.69	20
Manganese	1000	21.5	1010	989	99.2	96.8	1	75.0-125			2.41	20
Sodium	10000	52000	60900	60400	88.7	83.2	1	75.0-125			0.911	20

Method Blank (MB)

(MB) R3693029-2 08/17/21 13:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1390711-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1390711-01 08/17/21 14:13 • (DUP) R3693029-3 08/17/21 14:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1390726-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-11 08/17/21 15:39 • (DUP) R3693029-4 08/17/21 15:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	944	972	1	2.92		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3693029-1 08/17/21 13:31 • (LCSD) R3693029-5 08/17/21 15:53

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	69.4	70.9	102	105	85.0-115			2.14	20
Ethane	129	128	125	99.2	96.9	85.0-115			2.37	20
Ethene	127	128	124	101	97.6	85.0-115			3.17	20

Method Blank (MB)

(MB) R3693410-2 08/18/21 12:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1390726-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1390726-12 08/18/21 12:47 • (DUP) R3693410-3 08/18/21 12:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	2260	2230	1	1.34		20
Ethane	6.78	6.57	1	3.15	J	20
Ethene	42.1	41.6	1	1.19		20

L1390881-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1390881-06 08/18/21 13:56 • (DUP) R3693410-4 08/18/21 13:59

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3693410-1 08/18/21 11:55 • (LCSD) R3693410-5 08/18/21 14:05

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	75.1	67.8	111	100	85.0-115			10.2	20
Ethane	129	133	129	103	100	85.0-115			3.05	20
Ethene	127	132	128	104	101	85.0-115			3.08	20

Method Blank (MB)

(MB) R3693981-2 08/19/21 11:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0

L1391526-29 Original Sample (OS) • Duplicate (DUP)

(OS) L1391526-29 08/19/21 11:58 • (DUP) R3693981-3 08/19/21 12:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	152	156	1	2.60		20

L1391746-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1391746-03 08/19/21 13:32 • (DUP) R3693981-4 08/19/21 13:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3693981-1 08/19/21 11:10 • (LCSD) R3693981-7 08/19/21 14:01

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	70.0	72.0	103	106	85.0-115			2.82	20

L1391526-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1391526-19 08/19/21 11:43 • (MS) R3693981-5 08/19/21 13:50 • (MSD) R3693981-6 08/19/21 13:57

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Methane	67.8	5040	5040	5020	0.000	0.000	1	85.0-115	V	V	0.398	20

Method Blank (MB)

(MB) R3694354-2 08/17/21 13:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Benzene	U		0.0941	1.00
Bromodichloromethane	U		0.136	1.00
Bromochloromethane	U		0.128	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	0.496	J	0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	0.254	J	0.137	1.00
2-Hexanone	U		0.787	10.0
Isopropylbenzene	U		0.105	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Acetate	U		1.29	20.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Styrene	U		0.118	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00

Method Blank (MB)

(MB) R3694354-2 08/17/21 13:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3694354-1 08/17/21 09:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	19.5	78.0	19.0-160	
Benzene	5.00	5.39	108	70.0-123	
Bromodichloromethane	5.00	4.92	98.4	75.0-120	
Bromochloromethane	5.00	5.15	103	76.0-122	
Bromoform	5.00	3.81	76.2	68.0-132	
Bromomethane	5.00	4.82	96.4	10.0-160	
Carbon disulfide	5.00	5.10	102	61.0-128	
Carbon tetrachloride	5.00	4.47	89.4	68.0-126	
Chlorobenzene	5.00	4.85	97.0	80.0-121	
Chlorodibromomethane	5.00	4.59	91.8	77.0-125	
Chloroethane	5.00	4.18	83.6	47.0-150	
Chloroform	5.00	5.24	105	73.0-120	
Chloromethane	5.00	4.51	90.2	41.0-142	
Cyclohexane	5.00	4.91	98.2	71.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.70	94.0	58.0-134	
1,2-Dibromoethane	5.00	4.95	99.0	80.0-122	
1,2-Dichlorobenzene	5.00	5.53	111	79.0-121	
1,3-Dichlorobenzene	5.00	5.55	111	79.0-120	
1,4-Dichlorobenzene	5.00	5.43	109	79.0-120	
Dichlorodifluoromethane	5.00	4.79	95.8	51.0-149	
1,1-Dichloroethane	5.00	4.88	97.6	70.0-126	

Laboratory Control Sample (LCS)

(LCS) R3694354-1 08/17/21 09:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2-Dichloroethane	5.00	5.01	100	70.0-128	
1,1-Dichloroethene	5.00	4.64	92.8	71.0-124	
cis-1,2-Dichloroethene	5.00	4.54	90.8	73.0-120	
trans-1,2-Dichloroethene	5.00	4.37	87.4	73.0-120	
1,2-Dichloropropane	5.00	5.30	106	77.0-125	
cis-1,3-Dichloropropene	5.00	5.57	111	80.0-123	
trans-1,3-Dichloropropene	5.00	5.05	101	78.0-124	
Ethylbenzene	5.00	5.28	106	79.0-123	
2-Hexanone	25.0	22.1	88.4	67.0-149	
Isopropylbenzene	5.00	4.87	97.4	76.0-127	
2-Butanone (MEK)	25.0	26.6	106	44.0-160	
Methyl Acetate	25.0	24.5	98.0	57.0-148	
Methyl Cyclohexane	5.00	4.96	99.2	68.0-126	
Methylene Chloride	5.00	5.15	103	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	27.0	108	68.0-142	
Methyl tert-butyl ether	5.00	4.97	99.4	68.0-125	
Styrene	5.00	4.87	97.4	73.0-130	
1,1,2,2-Tetrachloroethane	5.00	5.51	110	65.0-130	
Tetrachloroethene	5.00	5.03	101	72.0-132	
Toluene	5.00	5.00	100	79.0-120	
1,1,2-Trichlorotrifluoroethane	5.00	5.05	101	69.0-132	
1,2,4-Trichlorobenzene	5.00	7.16	143	57.0-137	J4
1,1,1-Trichloroethane	5.00	4.82	96.4	73.0-124	
1,1,2-Trichloroethane	5.00	4.63	92.6	80.0-120	
Trichloroethene	5.00	4.74	94.8	78.0-124	
Trichlorofluoromethane	5.00	4.18	83.6	59.0-147	
Vinyl chloride	5.00	4.26	85.2	67.0-131	
Xylenes, Total	15.0	15.2	101	79.0-123	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*92.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*98.0*	*70.0-130*	

Method Blank (MB)

(MB) R3694120-4 08/19/21 07:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Isopropylbenzene	U		0.105	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Acetate	U		1.29	20.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Styrene	U		0.118	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00

Method Blank (MB)

(MB) R3694120-4 08/19/21 07:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3694120-1 08/19/21 05:45 • (LCSD) R3694120-2 08/19/21 06:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	29.1	27.3	116	109	19.0-160			6.38	27
Benzene	5.00	5.17	5.22	103	104	70.0-123			0.962	20
Bromodichloromethane	5.00	4.66	4.74	93.2	94.8	75.0-120			1.70	20
Bromochloromethane	5.00	6.09	5.87	122	117	76.0-122			3.68	20
Bromoform	5.00	5.70	5.69	114	114	68.0-132			0.176	20
Bromomethane	5.00	4.88	5.35	97.6	107	10.0-160			9.19	25
Carbon disulfide	5.00	5.74	6.06	115	121	61.0-128			5.42	20
Carbon tetrachloride	5.00	5.35	5.10	107	102	68.0-126			4.78	20
Chlorobenzene	5.00	5.38	5.33	108	107	80.0-121			0.934	20
Chlorodibromomethane	5.00	5.75	5.82	115	116	77.0-125			1.21	20
Chloroethane	5.00	5.44	5.90	109	118	47.0-150			8.11	20
Chloroform	5.00	4.89	5.05	97.8	101	73.0-120			3.22	20
Chloromethane	5.00	6.96	7.50	139	150	41.0-142		J4	7.47	20
Cyclohexane	5.00	4.79	4.64	95.8	92.8	71.0-124			3.18	20
1,2-Dibromo-3-Chloropropane	5.00	4.86	4.59	97.2	91.8	58.0-134			5.71	20
1,2-Dibromoethane	5.00	5.40	5.61	108	112	80.0-122			3.81	20
1,2-Dichlorobenzene	5.00	5.09	5.22	102	104	79.0-121			2.52	20
1,3-Dichlorobenzene	5.00	5.08	5.29	102	106	79.0-120			4.05	20
1,4-Dichlorobenzene	5.00	5.06	5.23	101	105	79.0-120			3.30	20
Dichlorodifluoromethane	5.00	4.51	4.96	90.2	99.2	51.0-149			9.50	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3694120-1 08/19/21 05:45 • (LCSD) R3694120-2 08/19/21 06:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	5.00	5.59	5.81	112	116	70.0-126			3.86	20
1,2-Dichloroethane	5.00	4.84	4.78	96.8	95.6	70.0-128			1.25	20
1,1-Dichloroethene	5.00	5.67	5.66	113	113	71.0-124			0.177	20
cis-1,2-Dichloroethene	5.00	4.94	5.09	98.8	102	73.0-120			2.99	20
trans-1,2-Dichloroethene	5.00	5.40	5.67	108	113	73.0-120			4.88	20
1,2-Dichloropropane	5.00	5.49	5.98	110	120	77.0-125			8.54	20
cis-1,3-Dichloropropene	5.00	4.57	4.74	91.4	94.8	80.0-123			3.65	20
trans-1,3-Dichloropropene	5.00	4.66	4.62	93.2	92.4	78.0-124			0.862	20
Ethylbenzene	5.00	4.65	4.62	93.0	92.4	79.0-123			0.647	20
2-Hexanone	25.0	26.5	25.2	106	101	67.0-149			5.03	20
Isopropylbenzene	5.00	4.46	4.61	89.2	92.2	76.0-127			3.31	20
2-Butanone (MEK)	25.0	28.5	26.7	114	107	44.0-160			6.52	20
Methyl Acetate	25.0	33.9	33.3	136	133	57.0-148			1.79	20
Methyl Cyclohexane	5.00	4.86	4.93	97.2	98.6	68.0-126			1.43	20
Methylene Chloride	5.00	5.79	5.60	116	112	67.0-120			3.34	20
4-Methyl-2-pentanone (MIBK)	25.0	27.6	28.3	110	113	68.0-142			2.50	20
Methyl tert-butyl ether	5.00	4.39	4.37	87.8	87.4	68.0-125			0.457	20
Styrene	5.00	4.58	4.60	91.6	92.0	73.0-130			0.436	20
1,1,2,2-Tetrachloroethane	5.00	4.47	4.56	89.4	91.2	65.0-130			1.99	20
Tetrachloroethene	5.00	5.56	5.61	111	112	72.0-132			0.895	20
Toluene	5.00	5.27	5.24	105	105	79.0-120			0.571	20
1,1,2-Trichlorotrifluoroethane	5.00	5.24	5.20	105	104	69.0-132			0.766	20
1,2,3-Trichlorobenzene	5.00	4.51	4.81	90.2	96.2	50.0-138			6.44	20
1,2,4-Trichlorobenzene	5.00	4.57	4.65	91.4	93.0	57.0-137			1.74	20
1,1,1-Trichloroethane	5.00	5.21	5.40	104	108	73.0-124			3.58	20
1,1,2-Trichloroethane	5.00	5.26	5.19	105	104	80.0-120			1.34	20
Trichloroethene	5.00	5.31	5.49	106	110	78.0-124			3.33	20
Trichlorofluoromethane	5.00	5.04	5.15	101	103	59.0-147			2.16	20
Vinyl chloride	5.00	6.42	6.86	128	137	67.0-131		J4	6.63	20
Xylenes, Total	15.0	13.9	14.1	92.7	94.0	79.0-123			1.43	20
(S) Toluene-d8				*104*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*89.6*	*92.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*91.8*	*93.0*	*70.0-130*				

Method Blank (MB)

(MB) R3694708-4 08/20/21 11:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichlorobenzene	U		0.230	1.00
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*85.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3694708-1 08/20/21 10:30 • (LCSD) R3694708-2 08/20/21 10:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,2,3-Trichlorobenzene	5.00	4.64	5.00	92.8	100	50.0-138			7.47	20
(S) Toluene-d8				*101*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*89.9*	*89.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*91.6*	*93.4*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - NY

27-01 Queens Plaza North
Suite 800
New York City, NY 11101

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Pres Chk

Chain of Custody Page 1 of 4

Pace Analytical®

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: **Ryan Merrell**

Email To: ryan.merrell@arcadis.com;edwin.ptak@arcadis.

Project Description: **POD 4 - Oceanside 6518040**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **718-446-0116**

Client Project # **30062947.19.21**

Lab Project # **CHEVARCNY-6518040**

SDG # L1390726

E006

Collected by (print): Kirk Vargas, Shannon [illegible], Steve Moore

Site/Facility ID # **6518040**

P.O. #

Acctnum: **CHEVARCNY**

Template: **T182105**

Prelogin: **P865715**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
Pres Chk								<2	<2	<2		>12	<2					
MW-27-D2-W-210812	Grab	GW		8/12/21	2215	11	X	X	X	X	X	X	X	X				-01
MW-28-D2R-W-210812	Grab	GW		8/12/21	2015	11	X	X	X	X	X	X	X	X				-02
MW-24-D2-W-210812	Grab	GW		8/12/21	0020	~~11~~ 6	X	X	X	X	X	X	X	X				~~-09~~
MW-24-VDR-W-2108___		GW				11	X	X	X	X	X	X	X	X				
AMW-15-VD-W-210812	Grab	GW		8/12/21	0155	11	X	X	X	X	X	X	X	X				~~-11~~ -03
AMW-7R-W-210812	Grab	GW		8/12/21	1955	11	X	X	X	X	X	X	X	X				~~-10~~ -04
AMW-14-VD-W-210812	Grab	GW		8/12/21	2130	11	X	X	X	X	X	X	X	X				~~-06~~ -05
AMW-14-D2-W-210812	Grab	GW		8/12/21	2115	11	X	X	X	X	X	X	X	X				~~-09~~ -06
MW-28-D1-W-210812	Grab	GW		8/12/21	2040	11	X	X	X	X	X	X	X	X				~~-08~~ -07
MW-26-D2-W-2108___		GW				11	X	X	X	X	X	X	X	X				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other________

Remarks: 3590/3627/3609

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking # 5163 7753 5579 /3616

Sample Receipt Checklist
COC Seal Present/Intact: __NP _Y _N
COC Signed/Accurate: _Y _N
Bottles arrive intact: _Y _N
Correct bottles used: _Y _N
Sufficient volume sent: _Y _N
If Applicable
VOA Zero Headspace: _Y _N
Preservation Correct/Checked: _Y _N
RAD Screen <0.5 mR/hr: _Y _N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	8/13/21	1330		6 8	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1+0=2.1 °C Bottles Received: 188	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 8-14-21 Time: 9:00	Hold: Condition: NCF / OK

Company Name/Address:	Billing Information:	Pres Chk	Chain of Custody Page 2 of 4
Arcadis - Chevron - NY 27-01 Queens Plaza North Suite 800 New York City, NY 11101	Attn: Accounts Payable 630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129		Pace Analytical® 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Report to: **Ryan Merrell**	Email To: ryan.merrell@arcadis.com;edwin.ptak@arcadis.		

Project Description: POD 4 - Oceanside 6518040	City/State Collected:	Please Circle: PT MT CT ET
Phone: 718-446-0116	Client Project # 30062947.19.21	Lab Project # CHEVARCNY-6518040
Collected by (print): Kirk Vargas, Shannon Turhand, Steve Messur	Site/Facility ID # 6518040	P.O. #
Collected by (signature):	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed
Immediately Packed on Ice N___ Y ✓		

SDG # L1390726

Table #

Acctnum: **CHEVARCNY**

Template: **T182105**

Prelogin: **P865715**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Analysis / Container / Preservative (Pres Chk):

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3 (<2)	FERUSFE,FERICFE 250mlAmb-HCl (<2)	NO2NO3 250mlHDPE-H2SO4 (<2)	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc (>12)	TOC 250mlHDPE-HCl (<2)	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
MW-23-D2R-W-210812	Grab	GW		8/12/21	2240	11	X	X	X	X	X	X	X	X				~~-07~~ -08
AMW-15-D2-W-210812	Grab	GW		8/12/21	0215	11	X	X	X	X	X	X	X	X				~~-10~~ -09
AMW-15-D3-W-210812	Grab	GW		8/12/21	0235	11	X	X	X	X	X	X	X	X				~~-11~~ -10
MW-23-D1R-W-210812	Grab	GW		8/12/21	2255	11	X	X	X	X	X	X	X	X				~~-12~~ -11
AMW-15-D1-W-210812	Grab	GW		8/12/21	0300	~~11~~ 9	X	X	X	X	X	X	X	X				~~-13~~ ~~-12~~
MW-27-D1R-W-210812	Grab	GW		8/12/21	2200	11	X	X	X	X	X	X	X	X				~~-14~~ -12
MW-26-D1-W-210812	Grab	GW		8/12/21	2145	11	X	X	X	X	X	X	X	X				~~-15~~ -13
MW-29-D1-W-210812	Grab	GW		8/12/21	2315	11	X	X	X	X	X	X	X	X				~~-16~~ -14
AMW-14-D1-W-210812	Grab	GW		8/12/21	2100	11	X	X	X	X	X	X	X	X				~~-17~~ -15
MW-24-D1R-W-210812	Grab	GW		8/12/21	0045	~~11~~ 9	X	X	X	X	X	X	X	X				~~-18~~

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_________

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier __________

Tracking #

Sample Receipt Checklist ✓
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: _X_Y __N
Bottles arrive intact: _X_Y __N
Correct bottles used: _X_Y __N
Sufficient volume sent: _X_Y __N
If Applicable
VOA Zero Headspace: _X_Y __N
Preservation Correct/Checked: _X_Y __N
RAD Screen <0.5 mR/hr: _X_Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	8/13/21	1330		AGRC	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.4+0=2.4 °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 8-14-21 Time: 9:00	Hold: Condition: (NCF) / OK

Company Name/Address:
Arcadis - Chevron - NY
27-01 Queens Plaza North
Suite 800
New York City, NY 11101

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Report to: **Ryan Merrell**

Email To: ryan.merrell@arcadis.com;edwin.ptak@arcadis.

Project Description: **POD 4 - Oceanside 6518040**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **718-446-0116**

Client Project # **30062947.19.21**

Lab Project # **CHEVARCNY-6518040**

Collected by (print): Kirk Vargo
Shannon Turhan, Steve Messur

Site/Facility ID # **6518040**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk			
								H2	H2	H2		7/2	H2					
MW-18R-W-2108_12	Grab	GW		8/12/21	1930	11	X	X	X	X	X	X	X	X				~~15~~ 16
BD-W-2108_12	Grab	GW		8/12/21	—	~~11~~ 6	X	X	X	X	X	X	X	X				~~20~~
FB-W-2108___		GW				11	X	X	X	X	X	X	X	X				
FB-W-2108___		GW				11	X	X	X	X	X	X	X	X				
FB-W-2108_12	Grab	GW		8/12/21	2330	11	X	X	X	X	X	X	X	X				~~17~~ 17
		GW				11	X	X	X	X	X	X	X	X				
		GW				11	X	X	X	X	X	X	X	X				
		GW				11	X	X	X	X	X	X	X	X				
TB-W-2108___		GW				1									X			
TB-W-2108___		GW				1									X			

Chain of Custody Page 3 of 4

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SDG # L1340726

Table #

Acctnum: **CHEVARCNY**

Template: **T182105**

Prelogin: **P865715**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: ✓ __N
Bottles arrive intact: ✓ __N
Correct bottles used: ✓ __N
Sufficient volume sent: ✓ __N
If Applicable
VOA Zero Headspace: ✓ __N
Preservation Correct/Checked: ✓ __N
RAD Screen <0.5 mR/hr: ✓ __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Kirk Vargo	8/13/21	1330		TBR	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1+0=2.1 °C Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8-14-21 Time: 9:00	Hold: Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - NY

27-01 Queens Plaza North
Suite 800
New York City, NY 11101

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ryan Merrell

Email To:
ryan.merrell@arcadis.com;edwin.ptak@arcadis.

Project Description:
POD 4 - Oceanside 6518040

City/State Collected:

Please Circle: PT MT CT ET

Phone: **718-446-0116**

Client Project #
30062947.19.21

Lab Project #
CHEVARCNY-6518040

Collected by (print): Kirk Nash
Shannon Turhan, Steve Mosur

Site/Facility ID #
6518040

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
TB-W-210812	Grab	GW		8/12/21	—	7									X			~~22~~ 18 CN
						6 CN												

Chain of Custody Page 4 of 4

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SDG # L1340224

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P865715**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓ __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	8/13/21	1330			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: D3D °C Bottles Received: 2x1402x1L	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8-14-21 Time: 9:00	Hold: / Condition: NCF / OK