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Date: July 22, 2022
Our Ref: 30062947
Subject: **Second Quarter 2022 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 Second Quarter 2022 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 May 4 and 5, 2022 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 May 4, 2022, 35 monitoring wells (AMW-3, 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, AMW-7R, 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-D2 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 wells were gauged during high tide at the site on May 4, 2022. Measured depth-to-groundwater in the D1 horizon ranged from 3.24 feet below top of inner casing (btic) in MW-29-D1 to 8.42 feet btic in MW-26-D1. Measured depth-to-groundwater in the D2 horizon ranged from 3.37 feet btic in MW-29-D2 to 8.90 feet btic in AMW-14-D2. Measured depth-to-groundwater in the VD horizon ranged from 2.95 feet btic in MW-29-VD to 8.50 feet btic in MW-26-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 north and south, 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 May 4 and 5, 2022 , groundwater samples were collected from HydraSleeves™ that were deployed in 19 monitoring wells (AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-7R, AMW-15-D1, AMW-15-D2, AMW-15-D3,

AMW-15-VD, 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-29D1). Monitoring wells MW-24-VDR and MW-26-D2 were not sampled as the HydraSleeve™ could not be located/retrieved. 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). 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 6010D
- 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 Q1 2022 sampling event:

- Benzene exceeded the TOGS Water Guidance value of 1 microgram per Liter (µg/L) at monitoring wells AMW-14-D1 (4.62 µg/L), AMW-15-D1 (2.06 µg/L), AMW-15-D3 (7.96 µg/L), MW-18R (11.7 µg/L), MW-24-D1R (12.1 µg/L), MW-26-D1 (8.67 µg/L), MW-27-D1R (2.90 µg/L), and MW-28-D1R (2.96 µg/L).
- Ethylbenzene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well MW-24-D1R (8.33 µg/L).
- Xylene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring wells MW-18R (5.55 µg/L), MW-24-D1R (15.5 µg/L), and MW-26-D1 (6.03 µg/L).
- Methyl tert-butyl ether (MTBE) exceeded the TOGS Water Guidance value of 10 µg/L at monitoring wells AMW-14-D1 (124 µg/L), AMW-14-D2 (23.2 µg/L), AMW-15-D1 (51.2 µg/L), AMW-15-D2 (28.9 µg/L), AMW-15-D3 (51.2 µg/L), MW-23-D1R (64.9 µg/L), MW-23-D2R (23.5 µg/L), MW-24-D1R (196 µg/L), MW-24-D2 (454 µg/L), MW-26-D1 (68.9 µg/L), MW-27-D1R (19.1 µg/L), and MW-29-D1 (33.0 µg/L).
- Vinyl chloride exceeds the TOGS Water Guidance value of 2 µg/L at monitoring wells AMW-14-D1R (9.17 µg/L), MW-15-D3 (3.94 µg/L), and MW-26-D1 (4.64 µg/L), and MW-27-D1R (27.9 µg/L).
- Trans-1,2-dichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring wells AMW-14-D1 (15.9 µg/L) and MW-24-D1R (12 µg/L).
- Trichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-15-D3 (27.9 µg/L).
- Acetone exceeded the TOGS Water Guidance value of 50 µg/L at monitoring well AMW-15-D3 (64.7 µg/L).
- Cis-1,2-dichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well AMW-15-D3 (8.40 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]).

A blind duplicate sample was collected from monitoring well MW-24-D1R. Duplicate sample results were within acceptable ranges of the parent sample. The higher value of the parent/duplicate result is reported above to be conservative in reporting the data at the blind duplicate sample. 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 19 monitoring wells.

Future Site Activities

The next quarterly sampling event will be completed in August 2022. 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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Table 1
Groundwater Elevation Data – May 4, 2022
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	5/4/2022	12.42	9.05	ND	6.40	2.65
AMW-7R	5/4/2022	14.42	9.95	ND	8.50	1.45
MW-18R	5/4/2022	10.17	7.98	ND	4.48	3.50
D1 Horizon Monitoring Wells						
AMW-13-D1	5/4/2022	34.01	9.87	ND	8.20	1.67
AMW-14-D1	5/4/2022	33.15	9.38	ND	7.90	1.48
AMW-15-D1	5/4/2022	36.20	9.74	ND	8.15	1.59
MW-23-D1R	5/4/2022	25.78	9.84	ND	7.24	2.60
MW-24-D1R	5/4/2022	32.23	9.82	ND	7.85	1.97
MW-26-D1	5/4/2022	28.80	9.95	ND	8.42	1.53
MW-27-D1R	5/4/2022	32.99	9.01	ND	7.30	1.71
MW-28-D1	5/4/2022	30.28	8.25	ND	6.85	1.40
MW-29-D1	5/4/2022	23.45	5.21	ND	3.24	1.97
MW-30-D1	5/4/2022	30.00	8.74	ND	7.52	1.22
MW-31-D1R	5/4/2022	30.04	8.39	ND	7.21	1.18
MW-32D	5/4/2022	37.45	8.85	ND	7.10	1.75
OW-2-D1	5/4/2022	33.95	9.94	ND	8.30	1.64
D2 Horizon Monitoring Wells						
AMW-13-D2	5/4/2022	43.95	9.76	ND	8.20	1.56
AMW-14-D2	5/4/2022	43.17	9.37	ND	8.90	0.47
AMW-15-D2	5/4/2022	36.20	9.71	ND	8.13	1.58
MW-23-D2R	5/4/2022	44.63	10.52	ND	8.84	1.68
MW-24-D2	5/4/2022	42.20	10.00	ND	8.39	1.61
MW-26-D2	5/4/2022	43.76	9.40	ND	7.78	1.62
MW-27-D2	5/4/2022	46.97	9.09	ND	7.22	1.87
MW-28-D2R	5/4/2022	46.69	8.40	ND	7.03	1.37
MW-29-D2	5/4/2022	39.82	5.38	ND	3.37	2.01
MW-30-D2	5/4/2022	46.63	8.72	ND	7.45	1.27
MW-31-D2R	5/4/2022	45.15	8.35	ND	7.07	1.28
D3 Horizon Monitoring Wells						
AMW-15-D3	5/4/2022	48.60	9.81	ND	8.14	1.67
VD Horizon Monitoring Wells						
AMW-13-VD	5/4/2022	71.82	9.43	ND	7.90	1.53
AMW-14-VD	5/4/2022	75.61	9.25	ND	7.73	1.52
AMW-15-VD	5/4/2022	72.15	9.82	ND	7.93	1.89
MW-24-VDR	5/4/2022	73.98	9.72	ND	7.62	2.10
MW-26-VD	5/4/2022	68.25	9.99	ND	8.50	1.49
MW-29-VD	5/4/2022	67.22	5.27	ND	2.95	2.32
MW-30-VD	5/4/2022	83.40	8.70	ND	6.76	1.94

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

Table 2
Summary of Groundwater Sampling Results – May 4-5, 2022
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	Ethyl-benzene	Xylene (total)	Methyl-t-butyl ether	Isopropyl-benzene	cis-1,2-Dichloro-ethene	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	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	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L
AMW-14-D1	5/5/2022	**4.62**	**0.419 J**	**4.58**	**2.71 J**	**124**	**0.782 J**	**0.184 C3 J**	**15.9**	**0.300 J**	**9.17**	<20 J T8	**5,910**	**109**	**2,020,000**	**409,000**	**1,900**	**5,500**	<1,000
AMW-14-D2	5/5/2022	<1.00	<1.00	<1.00	<3.00	**23.2**	<1.00	<1.00	<1.00	<1.00	<1.00	**69.3 B T8**	**2,750**	**132**	**2,460,000**	**605,000**	**3,460**	**1,210**	<1,000
AMW-14-VD	5/5/2022	<1.00	<1.00	<1.00	<3.00	**0.217 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**112 BT8**	**18,600**	**401**	**8,720,000**	**497,000**	**15,400**	**4,670**	<100
AMW-7R	5/5/2022	**0.395 J**	<1.00	<1.00	**0.285 J**	<1.00	**0.786 J**	<1.00	<1.00	<1.00	<1.00	**46.3 B T8**	**3,990**	**2,400**	**92,300**	**457,000**	**137**	**1,470**	<100
AMW-15-D1	5/5/2022	**2.06**	<1.00	**1.61**	**0.309 J**	**51.2**	**0.206 J**	<1.00 C3	**0.796 J**	<1.00	<1.00	<20 B J T8	**1,020**	**47.5**	**1,230,000**	**514,000**	**2,460**	**652**	<1,000
AMW-15-D2	5/4/2022	**0.427 J**	<1.00	<1.00	<3.00	**28.9**	<1.00	**0.176 C3 J**	**0.284 J**	<1.00	<1.00	<20 T8	**4,130**	**69.0**	**1,220,000**	**274,000**	**2,370**	**3,130**	<1,000
AMW-15-D3	5/5/2022	**7.96**	**1.34**	**1.01**	**2.05 J**	**51.2**	**0.282 J**	**8.40 C3**	**0.476 J**	**27.9**	**3.94**	<20 T8	**622**	**52.9**	**999,000**	**522,000**	**646**	<50	<1,000
AMW-15-VD	5/5/2022	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**25.9 B T8**	**18,800**	**363**	**8,030,000**	**553,000**	**16,700**	**10,200**	**345**
MW-18R	5/5/2022	**11.7**	**3.06**	**0.826 J**	**5.55**	**0.295 J**	**3.6**	<1.00	<1.00	<1.00	<1.00	<20 T8	**2,780**	21.9	**245,000**	**142,000**	**289**	**1,990**	<500
MW-23-D1R	5/5/2022	<1.00	<1.00	<1.00	<3.00	**64.9**	**0.170 J**	**0.215 C3 J**	<1.00	<1.00	<1.00	**47.1 B T8**	**5,870**	**926**	**1,390,000**	**448,000**	**2,810**	**4,960**	<1,000
MW-23-D2R	5/5/2022	<1.00	<1.00	<1.00	<3.00	**23.5**	<1.00	<1.00	<1.00	<1.00	<1.00	**79.8 B T8**	**803**	**1,240**	**1,180,000**	**448,000**	**3,520**	<100	<500
MW-24-D1R	5/4/2022	**11.2 [12.1]**	**1.50 [1.63]**	**7.81 [8.33]**	**15.5 [15.1]**	**180 [196]**	**0.851 J [0.815 J]**	<1.00 C3 [<1.00]	**12.0 [11.9]**	**0.271 J [0.281 J]**	**0.623 J [<1.00]**	**38.7 T8 [42.1 B T8]**	**18,700 [25,800]**	**40.9 [48]**	**1,510,000 [1,430,000]**	**522,000 [488,000]**	**2,610 [2,720]**	**15,000 [21,900]**	<1,000 [<1,000]
MW-24-D2	5/4/2022	**0.559 J**	<1.00	<1.00	<3.00	**454**	<1.00	**0.464 J**	**0.992 J**	<1.00	<1.00	**51.2 B T8**	**387**	**65.2**	**2,200,000**	**752,000**	**3,770**	<100	<1,000
MW-24-VDR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26-D1	5/5/2022	**8.67**	**0.755 J**	**2.39**	**6.03**	**68.9**	**0.621 J**	<1.00 C3	**0.887 J**	<1.00	**4.64**	**89.2 B T8**	**166**	**25.4**	**1,340,000**	**470,000**	**2,460**	**34.6 J**	<1,000
MW-26-D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27-D1R	5/5/2022	**2.90**	**0.474 J**	**0.394 J**	**0.846 J**	**19.1**	<1.00	**0.724 C3 J**	**2.11**	**0.260 J**	**27.9**	**80 B T8**	**3,380**	**94.5**	**2,230,000**	**842,000**	**4,230**	**3,010**	<1,000
MW-27-D2	5/5/2022	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**85.5 B T8**	**14,300**	**1,710**	**4,710,000**	**274,000**	**5,610**	**5,560**	**69.8 J**
MW-28-D1	5/5/2022	**2.96**	**0.324 J**	**1.47**	**1.65 J**	**5.26**	<1.00	<1.00	<1.00	<1.00	<1.00	**41.9 B T8**	**230**	**32.5**	**387,000**	**294,000**	**1,130**	**64.6**	<500
MW-28-D2R	5/5/2022	<1.00	<1.00	<1.00	<3.00	**0.418 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**123 B T8**	**1,600**	**244**	**2,210,000**	**434,000**	**5,580**	**1,400**	<1,000
MW-29-D1	5/5/2022	<1.00	<1.00	<1.00	<3.00	**33.0**	<1.00	<1.00 C3	<1.00	<1.00	<1.00	**73.3 B T8**	**35,100**	**311**	**577,000**	**266,000**	**930 E V**	**30,200**	<1,000

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.
C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
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.
T8 = Sample(s) received past/too close to holding time expiration.
NE = Not established
-- = Not sampled

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	< 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	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 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	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 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	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 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	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.91 J**	**0.46 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 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
	7/12/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.54 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.180 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.606 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.790 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.561 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.739 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.950 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.440 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.517 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.728 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-14-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/12/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0
	8/19/2020	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.129 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.105 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-14-VD	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/12/2018	< 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
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.43 J**
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.45 J**
	2/12/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.46 J**
	6/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/20/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.350 J**
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.119 J**
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.221 J**
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	0.293 J
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-D1	6/23/2016	< 1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 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
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 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
	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
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.89 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.87 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	8/19/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00 J4	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.325 J	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	6/2/2021	<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
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.665 J**	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.657 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.216 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 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
	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
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 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
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/4/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/13/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.187 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.104 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.139 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		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	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-VD	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/13/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	**0.144 J**
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	**0.101 J**
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	**4.8 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/11/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
ASB-2	6/6/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-3	6/8/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-4	6/7/2016	**4.2 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ASB-5	6/2/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-7	6/2/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/11/2018	< 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
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<5.00	<5.00	<5.00	<5.00 J4	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<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
	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
	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 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
	7/12/2018	< 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
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2019	< 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 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		**5**	**5**	**5**	**1**	**5**	**5**	**5**	**0.04**	**0.0006**	**3**	**0.6**
Units		**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.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/18/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 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
	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
	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
	7/12/2018	< 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
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 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]
	12/5/2019	< 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]
	2/11/2020	< 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]
	6/9/2020	<5.00 [<5.00]	<5.00 [<5.00]	22	<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]
	8/19/2020	<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]
	11/5/2020	<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]
	3/19/2021	<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]
	6/1/2021	<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]
	11/16/2021	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00 C3]	<1.00 [<1.00]	<1.00 [<1.00]	**0.327 J [0.365 J]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
	2/2/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.331 J [0.363 J]**	<1.00 C3 [<1.00 C3]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
	5/4/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.344 J [0.408 J]**	<1.00 C3 [<1.00 C3]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
MW-24-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 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
	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
	7/5/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	8/27/2017	< 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
	7/12/2018	< 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
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 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 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2 (cont.)	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.293 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.210 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.553 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.611 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.467 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.324 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.354 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/4/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.594 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-24-VDR	7/12/2018	< 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
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-26-D1	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	< 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
	10/25/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/5/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	8/27/2017	< 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
	7/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 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
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.285 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.218 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.159 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.403 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.302 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
	6/22/2016	< 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
	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
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.102 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 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	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/19/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	11/6/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.359 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.278 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.268 J**	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/17/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.353 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.325 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.294 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-27-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/13/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.28 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.38 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.430 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.483 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.118 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.242 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.149 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/17/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.282 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.204 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-28-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.76 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.58 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.69 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.4 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.209 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.172 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.741 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.163 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.213 J**	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.48 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.21 J**
	7/28/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 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
	7/13/2018	< 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
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	0.74 J	< 1.0	**0.79 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<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
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.186 J**	<1.00	<5.00	<1.00	**0.251 J**	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.342 J**	<1.00	<5.00	<1.00	**0.109 J**	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
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
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		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.)	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.217 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.211 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<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
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.180 J**	<1.00	<5.00	<1.00	**0.392 B J**	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.256 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.672 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 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
	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
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 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
	7/13/2018	< 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
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-29-D2	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**7.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-29-VD	1/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/21/2016	< 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	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D2	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**3.2 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/14/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**2.9**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.87 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	1/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/22/2016	< 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	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 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	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.94 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**25 J**	**80**	< 5.0	< 5.0	< 5.0
AMW-13-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.5 J**	< 1.0	**0.99 J**	**3.4**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.4 J**	**4.5**	< 1.0	**1.1**	< 1.0
AMW-13-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**3.3 J**	**3.2 J**	< 1.0	**0.97 J**	**4.2**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**4.8 J**	< 1.0	< 1.0	**0.62 J**	< 1.0
AMW-13-VD	6/23/2016	< 1.0	< 1.0	< 1.0	**3.2 J**	< 5.0	< 5.0	**18**	< 1.0	< 1.0	**3.1**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	**5.8 J**	< 5.0	**2.4 J**	**46**	< 1.0	< 1.0	< 1.0	< 1.0
AMW-14-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**4.6 J**	< 1.0	**0.85 J**	**2.5**	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.9 J**	**4.3**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.0 J**	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**4.7**	< 2.0	< 2.0	< 2.0
	7/12/2018	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	**5.3 J**	< 8.0	< 8.0	< 8.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**0.98 J**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**7.0**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.64 J**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**3.1**	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.533 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.40**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**7.94**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	**1.41 J**	<50.0	**3.41**	<1.00	<1.00 C3	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**6.24**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.51**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**2.10**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	**0.952 J**	<50.0 J4	**4.61**	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**4.62**	<1.00	<1.00	<5.00
AMW-14-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**3.2 J**	**3.3 J**	< 1.0	**0.99 J**	**4.6**	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.1 J**	**0.88 J**	< 1.0	**1.3**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.6 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<10.0	<10.0	<10.0	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	8/19/2020	<10.0	<10.0 J4	<10.0 J4	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.249 BJ**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
AMW-14-VD	6/23/2016	< 1.0	< 1.0	< 1.0	**3.9 J**	< 5.0	**2.1 J**	**22**	< 1.0	**0.87 J**	**3**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**8.9 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.7 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/20/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
AMW-15-D1	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**2.1 J**	**4.2 J**	**0.48 J**	< 1.0	**2.2**	< 1.0
	7/27/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**3.9 J**	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**11**	< 10	< 10	< 10
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**5.1**	< 4.0	< 4.0	< 4.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**12**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**11**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	**12**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.3**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.2**	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.6**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	< 1.0	< 1.0	< 1.0
	6/10/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**6.35**	<5.00	<5.00	<25.0
	8/19/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**4.70 J**	<5.00	<5.00	<25.0
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.55**	<1.00	<1.00	<5.00
	3/19/2021	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**5.80**	<5.00	<5.00 C3	<25.0
	6/2/2021	<1.00	<1.00	<1.00	<10.0 J3	<10.0	<10.0 J3	<50.0	**1.74**	<1.00 J3	<1.00	**3.35 J**
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**6.78**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**6.26**	<1.00	<1.00	<5.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.06**	<1.00	<1.00	<5.00
AMW-15-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	**1.3 J**	< 5.0	< 5.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.8 J**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**5.1 J**	**0.47 J**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**9.8**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.25 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.123 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.102 J**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.529 J**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.824 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.538 J**	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.261 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.427 J**	<1.00	<1.00	<5.00
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.9 J**	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**7.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.6 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	**36 J**	**3.7 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	**16 J**	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.29 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.664 J**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.430 J**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	**11.0**	<10.0	**0.640 J**	**62.4**	**12.8**	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	**3.00 C3J**	<10.0	<10.0	**17.1 C3J**	**2.75**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	**22.8**	<10.0	**0.960 J**	**84.1 C3**	**15.4**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	**16.2**	<10.0	**0.843 J**	**60.5 C3**	**9.89**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		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	2/1/2022	<1.00	<1.00	<1.00	**18.6 C5**	<10.0	**0.808 J**	**89.0**	**7.72**	<1.00	<1.00	<5.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	**11.3**	<10.0	**1.08 J**	**64.7**	**7.96**	<1.00	<1.00	<5.00
AMW-15-VD	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.2 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**8.3 J**	< 1.0	< 1.0	**2.4**	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**5.0 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.120 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	**3.67 J**	<10.0	<10.0	**16.8 C3J**	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**280**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	**3.4 J**	< 5.0	< 5.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**30 J**	**5.7**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.2 J**	**1.1**	< 1.0	< 1.0	< 1.0
	7/11/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**0.82 J**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	**8.1 J**	**0.78 J**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.69 J**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.39 J**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.89 J**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.82 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.926 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**0.566 J**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.214 J**	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0960 J**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**1.08 B**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.109 J**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.124 J**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.395 J**	<1.00	<1.00	<5.00
ASB-2	6/6/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**6**	**20**	**1.8**	**1.9**	< 1.0	< 1.0
ASB-3	6/8/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**5.5 J**	< 1.0	**0.75 J**	**2.4**	< 1.0
ASB-4	6/7/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**3.0 J**	< 5.0	< 5.0	< 5.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ASB-5	6/2/2016	< 1.0	< 1.0	< 1.0	**1.4 J**	< 5.0	**5**	**12**	< 1.0	**1.5**	< 1.0	< 1.0
ASB-7	6/2/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	**5.3 J**	< 20	< 2.0	**3.3**	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**310**	< 10	< 10	< 10
	7/11/2018	< 20	< 20	< 20	**74 J**	< 100	< 100	**330**	**48**	< 20	< 20	< 20
	10/17/2018	< 5.0	< 5.0	< 5.0	**70 J**	< 50	< 50	**230**	**69**	< 5.0	< 5.0	< 5.0
	9/14/2019	< 1.0	< 1.0	< 1.0	**10**	< 5.0	**2.2 J**	**47**	**85**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	**33**	**3.7 J**	**2.9 J**	**130**	**74**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**19**	**0.29 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<5.00	<5.00	<5.00	**10.7 J**	<50.0	<50.0	<250	**27.0**	<5.00	<5.00	<25.0
	3/19/2021	<1.00	<1.00	<1.00	**12.6**	**1.62 J**	**1.76 J**	**44.4 J**	**8.34**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	**3.59 C3J**	<10.0	**0.967 J**	**16.8 C3J**	**8.23**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	**14.0**	<10.0	**2.81 J**	**68.6**	**33.2**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	**5.30 J**	<10.0	**1.95 J**	**16.2 C3 J**	**45.3**	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	**6.33 J**	<10.0	**1.05 J**	**17.3 J**	**7.11**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	**6.75 J**	<10.0	<10.0	<50.0	**11.7**	<1.00	<1.00	<5.00
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.4 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**3.8**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.4**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.56 J**	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.408 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.312 J**	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0955 J**	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.150 J**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.158 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.151 J**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**4.0 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**2.3**	<1.0	<1.0	<1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.3**	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		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.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.8**	< 1.0	< 1.0	< 1.0
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.407 J**	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/18/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.0948 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.134 J**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.0984 J**	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.124 J**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**5.4**	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.1**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.9**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	**11**	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	**8.3**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 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]
	12/5/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	<5.0 [<5.0]	[< 5.0]	**5.7 [11]**	< 1.0 [<1.0]	<1.0 [<1.0]	< 1.0 [<1.0]
	2/11/2020	< 1.0 [<1.0]	< 1.0 [<1.0]	< 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]
	6/9/2020	<5.00 [<5.00]	<5.00 [<5.00]	<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]
	8/19/2020	<5.00 [<5.00]	<5.00 [<5.00]	<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]
	11/5/2020	<5.00 [<5.00]	<5.00 [<5.00]	<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]
	3/19/2021	<1.00 [<5.00]	<1.00 [<5.00]	<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]
	6/1/2021	<1.00 [<5.00 C3]	<1.00 [<5.00]	<1.00 [<5.00]	<10.0 C3 [<50.0 C3]	<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]
	11/16/2021	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	<10.0 [<10.0]	**0.529 J [0.584 J]**	<50.0 C3 [<50.0 J4]	**8.94 [8.91]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
	2/2/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	<10.0 [<10.0]	<10.0 [<10.0]	<50.0 [<50.0]	**7.66 [8.31]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
	5/4/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	<10.0 [<10.0]	<10.0 [<10.0]	<50.0 [<50.0]	**11.2 [12.1]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
MW-24-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**3.3 J**	< 5.0	< 5.0	< 5.0
	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**3.1 J**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**0.97 J**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	**62**	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**56**	**3.0 J**	< 5.0	< 5.0	< 5.0
	7/5/2017	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	7/12/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	**2.8 J**	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**5.2**	**1.4**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.4 J**	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2 (cont.)	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.367 J**	<1.00	<1.00	<5.00
	8/18/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.227 J**	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.581 J**	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	**1.08**	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.662 J**	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.681 BJ**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.406 J**	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.259 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.559 J**	<1.00	<1.00	<5.00
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**5.5**	**7.2**	< 1.0	< 1.0 *	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/18/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	**2.68 J**	**139**	<1.00	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.126 BJ**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.125 J**	<1.00	<1.00	<5.00
MW-26-D1	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**9.1**	< 5.0	< 5.0	< 5.0
	6/22/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**9.3**	< 4.0	< 4.0	< 4.0
	10/25/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**8.6 J**	< 10	< 10	< 10
	10/25/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**12**	< 4.0	< 4.0	< 4.0
	7/5/2017	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**8.7 J**	< 10	< 10	< 10
	8/27/2017	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**9.5 J**	< 10	< 10	< 10
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	**6.5 J**	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**17**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**4.9**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.3**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**6.2**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**7.5**	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**8.93**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**6.46**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.88**	<1.00	<1.00 C3	<5.00 C3
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**8.13**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.78**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.60**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**4.30**	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**8.67**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	**9.4 J**	< 2.0	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	**37**	< 2.0	< 2.0	< 2.0	< 2.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**0.69 J**	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.79 J**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.46 J**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**170**	< 1.0	< 1.0	< 1.0	< 1.0
MW-27-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**53**	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	**1.7 J**	< 5.0	< 5.0	**5.0 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**1.1 J**	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**1.6 J**	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**7.8**	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**3.6**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**4.8**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**6.4**	< 1.0	< 1.0	< 1.0
	8/19/2020	<5.00	<5.00 J4	<5.00 J4	<50.0	<50.0	<50.0	<250	**3.12 J**	<5.00	<5.00	<25.0
	11/6/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**2.58 J**	<5.00	<5.00 C3	<25.0 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.56**	<1.00	<1.00 C3	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**3.98**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**3.05**	<1.00	<1.00 C3	<5.00
	11/17/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.67**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**2.42**	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.90**	<1.00	<1.00	<5.00
MW-27-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	**8.2 J**	< 20	< 20	**38 J**	**160**	< 4.0	< 4.0	< 4.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/12/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.263 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/17/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-28-D1	6/24/2016	< 1.0	< 1.0	< 1.0	**2.3 J**	< 5.0	< 5.0	**45**	**2.1**	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 10	< 10	< 100	< 50	< 50	**280**	< 10	< 10	< 10	< 10
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**8.9**	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**3.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	**9.3 J**	**5.6**	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.0**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**11.0**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**17.0**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**9.35**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.03**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**24.3**	<1.00	<1.00 C3	<5.00 C3
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**4.45**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.94**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**6.10**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.96**	<1.00	<1.00	<5.00
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**4.4 J**	< 1.0	**1.2**	**5.6**	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.50 J**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.24 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		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.)	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.174 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**25 J**	**81**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.5 J**	**6.3**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**32**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**5.5**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**9.7**	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**19**	< 2.0	< 2.0	< 2.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**4.3**	< 4.0	< 4.0	< 4.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 40	**9.1 J**	< 20	< 40	**5.2**	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**3.7**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.8**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.67 J**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00 C3	<5.00 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	**0.488 J**	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	**0.628 J**	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-29-D2	1/14/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
MW-29-VD	1/14/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	< 10	< 10	< 10	< 10
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D1	1/14/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**1.1**	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D2	1/14/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	1/14/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	1/14/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	< 10	< 10	< 10	< 10
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**5.9 J**	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D1R	1/14/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**11**	**1.1**	< 1.0	< 1.0	< 1.0
MW-31-D2R	1/14/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
AMW-12	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**12**	< 5.0	< 5.0	< 5.0
AMW-13-D1	6/24/2016	**2.7**	< 1.0	< 1.0	< 1.0	**0.37 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	< 1.0	< 1.0
	7/27/2016	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.82 J**	< 1.0	**1.8**
AMW-13-D2	6/23/2016	**0.66 J**	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0
	7/27/2016	**12**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.41 J**	< 1.0	< 1.0
AMW-13-VD	6/23/2016	**1.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0
	7/27/2016	**7.9**	< 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	6/24/2016	**2.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2**	< 1.0	< 1.0
	7/26/2016	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 1.0	**1.9**	< 1.0	< 1.0	**3.6**
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	**1.3 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3**	< 2.0	< 2.0	**7.2**
	7/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**7.5 J**
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**1**
	5/10/2019	**0.79 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	**5.9**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.43 J**
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.3 J**	< 1.0 *	**0.88 J**	< 1.0 *	< 1.0	**2.7**
	6/10/2020	**0.294 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.427 J**	<1.00	<1.00	<1.00	<5.00	**0.486 J**
	8/19/2020	**0.615 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**6.29**
	11/4/2020	**<1.00**	<1.00 C3	<1.00	<5.00	<5.00	<2.50	**0.221 J**	<1.00	**2.02**	<1.00	<5.00	**6.53**
	3/19/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.214 J**	<1.00	**1.33**	<1.00	<5.00	**3.34**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.144 J**	<1.00	**2.30 C5J4**	<1.00	<5.00	**6.68**
	8/12/2021	**0.713 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	<1.00	<1.00	<5.00	**5.46**
	11/16/2021	**1.66**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.227 J**	<1.00	**1.16**	<1.00	<5.00	**2.18**
	2/2/2022	**1.77**	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	**1.61**	<1.00	<5.00	**4.70**
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	**0.184 C3 J**	<1.00	**1.05**	<1.00	<5.00	**4.58**
AMW-14-D2	6/23/2016	**5.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0
	7/26/2016	**12**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	< 1.0	< 1.0
	7/27/2016	**8.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	**2.7**	< 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	**0.94 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.35 J**	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<10.0	<10.0	<10.0	<50.0	<50.0	<25.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0
	8/19/2020	<10.0	<10.0	<10.0	<50.0	<50.0	<25.0	**2.50 J**	<10.0	<10.0	<10.0	<50.0	<10.0
	11/5/2020	**0.533 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.244 J**	<1.00	**0.201 JJ4**	<1.00	<5.00	**0.138 B J**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
AMW-14-D2 (cont.)	8/12/2021	**1.10 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.585 J**	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	**0.158 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-14-VD	6/23/2016	**0.63 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.32 J**	**2**	< 1.0	< 1.0
	7/27/2016	**9.9**	< 1.0	< 1.0	< 1.0	**0.37 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	**0.25 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	< 1.0 *	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/20/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	<1.00	<1.00 C3	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	**0.120 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**1.23 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	**<1.00**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-15-D1	6/23/2016	**0.46 J**	< 1.0	< 1.0	< 1.0	**0.51 J**	< 1.0	**20**	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0
	7/27/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**220**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 10	< 10	< 10	< 10	< 10	**81**	< 10	< 10	< 10	< 10	< 10
	10/26/2016	**1.7 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**38**	< 4.0	**2.0 J**	< 4.0	< 4.0	< 4.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	**2.7 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**5.1**	< 4.0	< 4.0	< 4.0	< 4.0	**4.1**
	10/11/2017	**2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**1.6 J**	< 2.0	< 2.0	< 2.0	< 2.0	**4.3**
	10/17/2018	**1.7 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.8 J**	< 5.0	< 5.0	**5**
	5/9/2019	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.79 J**	< 1.0	< 1.0	**2.6**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.36 J**	< 1.0	**0.66 J**	< 1.0	< 1.0	**2.3**
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.63 J**	< 1.0	**0.77 J**	< 1.0	< 1.0	**2.8**
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	**0.33 J**	< 1.0 *	< 1.0	**0.99 J**
	6/10/2020	<5.00	<5.00	<5.00	<25.0	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**4.05 J**
	8/19/2020	6.45	<5.00	<5.00	<25.0	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**2.57 J**
	11/4/2020	**0.777 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.362 J**	<1.00	<1.00	<1.00	<5.00	**1.80**
	3/19/2021	<5.00	<5.00	<5.00	<25.0	<25.0	<12.5 C3	<5.00	<5.00	<5.00	<5.00	<25.0	**4.74 J**
	6/2/2021	**0.320 J**	<1.00	<1.00 J3	<5.00 J3	<5.00	<2.50 J3	<1.00 J3	<1.00 J3	**0.674 J J3**	<1.00 J3 J4	<5.00 J3	**1.55**
	11/16/2021	**1.42**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.229 J**	<1.00	**1.55**	<1.00	<5.00	**5.19**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
AMW-15-D1	2/1/2022	**0.394 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.168 J**	<1.00	**1.10**	<1.00	<5.00	**5.05**
(cont.)	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	**1.61**
AMW-15-D2	6/23/2016	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.86 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**5.1**
	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
	10/17/2018	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.26 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.310 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	8/19/2020	**2.33**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/4/2020	<1.00	<1.00 C3	<1.00	<5.00	<5.00	<2.50	**0.188 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	**0.230 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.157 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.242 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**4.08 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	**0.885 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.161 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.194 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	5/4/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	**0.176 C3 J**	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-15-D3	6/23/2016	**4.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	**4.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	**1.8 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**19**	< 4.0	< 4.0	< 4.0	< 4.0	**3.4 J**
	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
	7/13/2018	**0.70 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.1**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.44 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.99 J**	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	**0.318 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	**1.93**	<1.00	<1.00	<5.00	<5.00	<2.50	**1.73**	<1.00	<1.00	<1.00	<5.00	**0.161 J**
	11/4/2020	<1.00	<1.00 C3	<1.00	<5.00	<5.00	<2.50	**0.951 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	**1.23**	<1.00	<1.00	<5.00	<5.00	<2.50	**13.0**	<1.00	**0.672 J**	<1.00	<5.00	**1.97**
	6/1/2021	**1.29**	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**3.81**	<1.00	**0.193 J J4**	<1.00	<5.00	**0.562 B J**
	8/12/2021	**5.26**	<1.00	<1.00	<5.00	<5.00	<2.50	**14.3**	<1.00	**0.639 J**	<1.00	<5.00	**2.22 B**
	11/16/2021	**2.96**	<1.00	<1.00	<5.00	<5.00	<2.50	**12.1**	<1.00	**0.861 J**	<1.00	<5.00	**1.57**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
AMW-15-D3	2/1/2022	**1.89**	<1.00	<1.00	<5.00	<5.00	<2.50	**8.74**	<1.00	**0.705 J**	<1.00	<5.00	**1.02**
(cont.)	5/5/2022	**2.38 C3**	<1.00	<1.00	<5.00	<5.00	<2.50	**8.40 C3**	<1.00	**0.378 J**	<1.00	<5.00	**1.01**
AMW-15-VD	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	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
	7/13/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/4/2020	<1.00	<1.00 C3	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**1.47 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**57**	< 5.0	< 5.0	**29**
	6/21/2016	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**0.43 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**18**	< 1.0	< 1.0	< 1.0
	7/11/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**16**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**29**	< 1.0	< 1.0	**0.19 J**
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	**19**	< 1.0	< 1.0	**0.39 J**
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	**0.49 J**
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	**17**	< 1.0	< 1.0	**0.49 J**
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	**13.5**	<1.00	<5.00	**0.805 J**
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**14.6**	<1.00	<5.00	**0.331 J**
	11/6/2020	**0.271 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**11.6**	<1.00	<5.00	<1.00
	3/19/2021	**0.140 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.77**	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	**11.9 C5 J4**	<1.00	<5.00	**0.892 B J**
	8/12/2021	**1.06 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**4.00**	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**4.88**	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.01**	<1.00	<5.00	<1.00
ASB-2	6/6/2016	**1.1**	< 1.0	< 1.0	< 1.0	**14**	< 1.0	**5.6**	< 1.0	< 1.0	**0.35 J**	< 1.0	< 1.0
ASB-3	6/8/2016	**0.27 J**	< 1.0	< 1.0	< 1.0	**0.92 J**	< 1.0	**2.8**	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0
ASB-4	6/7/2016	**0.95 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**1600 E**	< 5.0	**5**	< 5.0	< 5.0	**6.7**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
ASB-5	6/2/2016	**0.53 J**	< 1.0	< 1.0	< 1.0	**19**	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-7	6/2/2016	**1.1 J**	< 2.0	< 2.0	< 2.0	**21**	< 2.0	**67**	< 2.0	< 2.0	**0.65 J**	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	**14**	< 10	**20**	< 10	< 10	< 10
	7/11/2018	**6.2 J**	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	10/17/2018	**2.4 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**8.3 J**	< 5.0	< 5.0	**1.2 J**
	9/14/2019	**3.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.38 J**	< 1.0	**6.7**	< 1.0	< 1.0	**1.4**
	12/5/2019	**2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.28 J**	< 1.0	**7.2**	< 1.0	< 1.0	**1.6**
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	**0.66 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	**1.26 J**	<5.00	<5.00 J4	<25.0	<25.0	<12.5	<5.00	<5.00	**2.51 J**	<5.00	<25.0	**1.27 J**
	3/19/2021	**1.28**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.268 J**	<1.00	**4.84**	<1.00	<5.00	**0.672 J**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	**1.44 C5 J4**	<1.00	<5.00	**0.274 B J**
	8/12/2021	**2.58**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	**3.32**	<1.00	<5.00	**0.916 J**
	11/16/2021	**1.98**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.357 J**	<1.00	**6.05**	<1.00	<5.00	**1.35**
	2/2/2022	**1.21**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.95**	<1.00	<5.00	**0.658 J**
	5/5/2022	**0.804 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**3.77**	<1.00	<5.00	**0.826 J**
MW-23-D1R	10/26/2016	**0.53 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**0.40 J**	< 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
	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	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
	7/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	**0.29 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.73 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.72 J**	< 1.0	**0.41 J**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.35 J**	< 1.0 *	< 1.0	< 1.0	< 1.0 *	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.382 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	8/19/2020	**0.671 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.517 J**	<1.00	**0.267 J**	<1.00	<5.00	<1.00
	11/5/2020	**0.400 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.267 J**	<1.00	**0.259 J**	<1.00	<5.00	<1.00
	3/19/2021	**0.142 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.196 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.245 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**8.06**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.388 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	**1.06**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.529 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	**0.202 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.388 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	**0.215 C3 J**	<1.00	<1.00	<1.00	<5.00	<1.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	**0.44 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/19/2020	**0.253 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	**0.447 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/18/2021	**0.119 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**4.96**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**10**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**1.6 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**4.9**	< 4.0	**1.9 J**	< 4.0	< 4.0	**3.1 J**
	10/26/2016	**1.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4**	< 1.0	**1.6**	< 1.0	< 1.0	**2.3**
	10/26/2016	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**6.1**	< 1.0	**1.4**	< 1.0	< 1.0	**2.2**
	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
	7/12/2018	**2.1 J**	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**7.1 J**
	10/16/2018	**1.4 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	**6.1**
	5/9/2019	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**
	9/13/2019	**3.2 [1.8]**	< 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]	**[0.94 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	**7.9 [7.2]**
	12/5/2019	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 [<1.0]	< 1.0 [<1.0]	< 1.0 **[0.99 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	**2.4 [7.2]**
	2/11/2020	**1.5 [1.4]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 * [<1.0]	**0.65 J [1.]**	< 1.0 * [<1.0]	< 1.0 [<1.0]	**5.7 [8.9]**
	6/9/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**8.28 [8.90]**
	8/19/2020	**8.28 [3.68 J]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**6.80 [6.57]**
	11/5/2020	**2.27 J [2.18 J]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	<25.0 [<25.0]	<12.5 [<12.5]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]	**7.18 [5.76]**
	3/19/2021	**0.811 J [<5.00]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]	<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]**
	6/1/2021	**<1.00 [0.994 J]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]	<5.00 [<25.0]	<2.50 C3 [<12.5 C3]	**0.133 J [<5.00]**	<1.00 [<5.00]	**0.814 J J4 [<5.00]**	<1.00 [<5.00]	<5.00 [<25.0]	**7.61 [6.22]**
	11/16/2021	**2.66 [1.36]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	<1.00 [<1.00]	<1.00 [<1.00 J4]	**0.881 J [0.353 J]**	<1.00 [<1.00]	<5.00 [<5.00]	**5.98 [6.64]**
	2/2/2022	**1.39 [1.29]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	**4.91 [5.75]**
	5/4/2022	**<1.00 C3 [3.73]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	<1.00 [<1.00]	<1.00 [<1.00]	**0.394 J [<1.00]**	<1.00 [<1.00]	<5.00 [<5.00]	**7.81 [8.33]**
MW-24-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**0.31 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	**0.84 J**
	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
	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
	7/5/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	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
	7/12/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	**0.24 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.52 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
MW-24-D2 (cont.)	6/9/2020	**0.167 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	**0.467 J**	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/18/2020	**0.266 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.364 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	**0.931 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.809 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	**0.376 J**	<1.00	<1.00	<5.00	**0.197 J**	<2.50	**0.652 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<5.00	**0.122 J**	<2.50 C3	**0.514 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	11/16/2021	**1.19**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.555 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.358 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	5/4/2022	**0.415 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.464 J**	<1.00	<1.00	<1.00	<5.00	<1.00
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	**0.64 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.28 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/9/2019	**0.30 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	**0.347 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	**0.206 J**	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/18/2020	**0.394 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.140 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	**0.423 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.218 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	**0.150 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.141 J**	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-26-D1	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 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	**3.0 J**
	7/5/2017	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	8/27/2017	< 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
	7/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.5**
	10/17/2018	**0.45 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.42 J**	< 1.0	< 5.0	< 1.0	< 1.0	**0.95 J**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0 *	< 1.0	< 1.0 *	< 1.0	**1.3**
	6/10/2020	**0.773 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**3.28**	<1.00	<1.00	<1.00	<5.00	**2.47**
	8/19/2020	**0.360 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**1.45**	<1.00	<1.00	<1.00	<5.00	**1.38**
	11/6/2020	**0.582 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.903 J**	<1.00	**0.189 J**	<1.00	<5.00	**1.05**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.486 J**	<1.00	**0.191 J J4**	<1.00	<5.00	**1.99**
	8/12/2021	**0.556 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.236 J**	<1.00	**0.276 J**	<1.00	<5.00	**0.973 J**
	11/16/2021	**1.38**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.947 J**
	2/2/2022	**0.625 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	**0.657 J**
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**0.211 J**	<1.00	<5.00	**2.39**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.86 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	**0.60 J**	< 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
	7/5/2017	**0.37 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	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
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**0.39 J**
	5/9/2019	**0.25 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.44 J**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.37 J**	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.254 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	8/19/2020	**0.204 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.398 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	**0.770 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	**0.19 J**	< 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	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**0.66 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**2.2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.2**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	**0.64 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**2**	< 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**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.57 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.80 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.40 J**
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.95 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.48 J**
	8/19/2020	**0.852 J**	<5.00	<5.00	<25.0	<25.0	<12.5	**0.855 J**	<5.00	<5.00	<5.00	<25.0	<5.00
	11/6/2020	**1.74 J**	<5.00	<5.00	<25.0	<25.0	<12.5	**1.13 J**	<5.00	<5.00	<5.00	<25.0	<5.00
	3/20/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.751 J**	<1.00	<1.00	<1.00	<5.00	**0.263 J**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.790 J**	<1.00	<1.00 J4	<1.00	<5.00	**0.387 B J**
	8/12/2021	**10.7**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.635 J**	<1.00	<1.00	<1.00	<5.00	**0.322 BJ**
	11/17/2021	**1.34**	<1.00	<1.00	<5.00	<5.00	<2.50	**1.10**	<1.00	**0.673 J**	<1.00	<5.00	**0.722 J**
	2/2/2022	**1.27**	<1.00	<1.00	<5.00	<5.00	<2.50 J3	**0.712 J**	<1.00	<1.00	<1.00	<5.00	**0.165 J**
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	**0.724 C3 J**	<1.00	<1.00	<1.00	<5.00	**0.394 J**
MW-27-D2	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**22 J**	< 4.0	< 4.0	**92**
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	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
	7/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	**0.133 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/20/2021	**0.155 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	**0.193 B J**
	8/12/2021	**0.421 B J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/17/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-28-D1	6/24/2016	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/5/2017	**0.40 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	**4.9**	< 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	**0.47 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**1.4**
	5/9/2019	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.49 J**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	**2.1**
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	**0.164 J**	<1.00	<1.00	<1.00	<5.00	**2.5**
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.750 J**
	11/6/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.305 J**	<1.00	**0.296 J**	<1.00	<5.00	**3.68**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	**1.74**
	8/12/2021	**6.60**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.48 B**
	11/16/2021	**1.38**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.53**
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.47**
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	**0.52 J**	< 1.0	< 1.0	< 1.0	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	**3.2**	< 1.0	< 1.0
	7/5/2017	**0.38 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	**0.95 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	**1.0 J**	< 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	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/9/2019	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	**0.781 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	**0.404 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	**0.424 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	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
MW-28-D2R (cont.)	3/20/2021	**0.102 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**1.48 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	**1.57**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	**1.12**	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**13**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8**	< 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	**21**	< 1.0	< 1.0	< 1.0
	10/26/2016	**0.21 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**7.6**	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**12**	< 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	**5.4**	< 4.0	< 4.0	< 4.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**24**	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**20**	< 1.0	< 1.0	**0.31 J**
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	**24**	< 1.0	< 1.0*	**0.34 J**
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.47 J**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0 *	< 1.0	< 1.0
	6/10/2020	**0.307 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	**0.364 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.536 J**	<1.00	<5.00	<1.00
	3/20/2021	**0.130 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.452 J**	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**0.412 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	**0.556 J**	<1.00	<5.00	<1.00
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**0.428 J**	<1.00	<5.00	<1.00
MW-29-D2	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/21/2016	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-29-VD	1/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D1	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.39 J**	< 1.0	< 1.0	< 1.0
	6/22/2016	**0.19 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0
MW-30-D2	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/14/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	1/14/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D1R	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	**0.32 J**	< 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	1/14/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
AMW-12	1/14/2016	**24**	< 13	**32.0**	**5.4**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
AMW-13-D1	6/24/2016	< 1.0	< 2.5	**10**	< 1.0	< 1.0	< 1.0	**0.38 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**63 F1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-13-D2	6/23/2016	< 1.0	< 2.5	**3.5**	< 1.0	< 1.0	< 1.0	**0.57 J**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**41**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-13-VD	6/23/2016	< 1.0	< 2.5	**5**	< 1.0	< 1.0	< 1.0	**1.5**	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**3.4**	< 1.0	< 1.0	< 1.0	**1**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0
AMW-14-D1	6/24/2016	< 1.0	< 2.5	**12**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/26/2016	< 1.0	< 2.5	**140 E**	**0.97 J**	< 1.0	< 1.0	< 1.0	**7.1**	**7.8**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 5.0	**170**	**2.4**	**0.95 J**	< 2.0	< 2.0	**1.0 J**	**13**	< 2.0	< 2.0	< 2.0
	7/12/2018	< 8.0	< 20	**160**	**1.7 J**	< 8.0	< 8.0	< 8.0	< 8.0	**8.6**	< 8.0	< 8.0	< 8.0
	10/17/2018	< 1.0	< 10	**120**	**0.40 J**	< 5.0	< 1.0	< 1.0	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**1.0**	<5.0	**250**	**3.0**	< 1.0	< 1.0	< 1.0	**0.84 J**	**11**	< 1.0	< 1.0	< 1.0*
	9/13/2019	< 1.0	<5.0	**50**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	<5.0	**94**	**0.74 J**	< 1.0	< 1.0	< 1.0	< 1.0	**9.0**	< 1.0	**0.44 J**	< 1.0
	2/12/2020	**0.44 J**	<5.0	**130**	**1.2**	< 1.0	< 1.0	< 1.0	**0.58 J**	**12.0**	< 1.0	**0.46 J**	< 1.0
	6/10/2020	**0.172 J**	<20.0	**37.6**	<1.00	<5.00	<1.00	<1.00	<1.00	**3.79**	<1.00	**0.218 J**	<5.00
	8/19/2020	**1.08**	<20.0	**181**	**3.18**	<5.00	<1.00	<1.00	**0.465 J**	**10.8**	<1.00	<1.00	<5.00
	11/4/2020	**1.18**	<20.0	**190**	**3.97**	<5.00	<1.00	<1.00	**0.552 J**	**12.1**	<1.00	**0.290 J**	<5.00
	3/19/2021	**0.698 J**	<20.0	**53.9**	**1.86**	<5.00	<1.00	<1.00	**0.439 J**	**14.3**	<1.00	**0.342 J**	<5.00
	6/2/2021	**1.26**	<20.0 C3	**164**	**5.18**	<5.00	<1.00	<1.00	**0.413 J**	**16.2**	<1.00	**0.335 J**	<5.00
	8/12/2021	**0.901 J**	<20.0	**140**	**3.53**	<5.00	<1.00	<1.00	**0.455 J**	**22.2**	<1.00	<1.00	<5.00
	11/16/2021	**0.516 J**	<20.0	**55.8**	<1.00	<5.00	<1.00	<1.00	**0.313 J**	**14.6**	<1.00	**0.369 J**	<5.00
	2/2/2022	**0.893 J**	<20.0	**127**	**3.71**	<5.00	<1.00	<1.00	**0.320 J**	**11.9**	<1.00	<1.00	<5.00
	5/5/2022	**0.782 J**	<20.0	**124**	**2.09**	<5.00	<1.00	<1.00 C3	**0.419 J**	**15.9**	<1.00	**0.300 J**	<5.00
AMW-14-D2	6/23/2016	< 1.0	< 2.5	**3.1**	< 1.0	< 1.0	< 1.0	< 1.0	**0.81 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/26/2016	< 1.0	< 2.5	**24**	< 1.0	< 1.0	< 1.0	< 1.0	**0.64 J**	**0.90 J**	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**0.58 J**	< 1.0	< 1.0	< 1.0	**0.38 J**	**7.7**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 2.5	**14**	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 2.5	**48**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 2.0	< 5.0	**62**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 10	**44**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	<5.0	**33**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.85 J**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	<5.0	**37**	< 1.0	**0.59 J**	< 1.0	< 1.0	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	<5.0	**29**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	<5.0	**36**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.51 J**	< 1.0	< 1.0	< 1.0
	6/10/2020	<10.0	<200	**33.2**	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0
	8/19/2020	<10.0	<200	**32.0**	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0
	11/5/2020	<1.00	<20.0	**31.1**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<20.0	**20.8**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**20.7**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.977 J**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
AMW-14-D2 (cont.)	8/12/2021	<1.00	<20.0	**26.3**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.198 J**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**23.6**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	**29.1**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**23.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
AMW-14-VD	6/23/2016	< 1.0	< 2.5	**0.91 J**	**0.36 J**	< 1.0	< 1.0	**0.59 J**	**10**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**0.59 J**	< 1.0	< 1.0	< 1.0	**0.41 J**	**8.2**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 2.5	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 2.5	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 2.5	**0.65 J**	**0.58 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 1.0	< 2.5	**0.49 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<5.0	**0.54 J**	<1.0	**0.36 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00 J4	<20.0	**0.317 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/20/2020	<1.00	<20.0	**0.303 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<20.0	**0.434 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<20.0	**0.270 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	**0.272 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**0.267 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	**0.263 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**0.217 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
AMW-15-D1	6/23/2016	< 1.0	< 2.5	**29**	< 1.0	**9.9**	< 1.0	**0.43 J**	**3**	< 1.0	< 1.0	**5.5**	< 1.0
	7/27/2016	< 5.0	< 13	**51**	< 5.0	**140**	< 5.0	< 5.0	**7.5**	< 5.0	< 5.0	**73**	< 5.0
	10/26/2016	< 10	< 25	**110**	**3.3 J**	**8.9 J**	< 10	< 10	**18**	< 10	< 10	**48**	< 10
	10/26/2016	< 4.0	< 10	**180**	**0.87 J**	**4.1**	< 4.0	< 4.0	**6.6**	< 4.0	< 4.0	**18**	< 4.0
	7/5/2017	< 4.0	< 10	**170**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	**200**	< 4.0	**2.2 J**	< 4.0	< 4.0	**17**	**28**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 5.0	**300 E**	< 2.0	< 2.0	< 2.0	< 2.0	**5.9**	**13**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 50	**170**	**1.2 J**	< 25	< 5.0	< 5.0	**1.5 J**	**21**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	<5.0	**120**	**0.50 J**	< 1.0	< 1.0	< 1.0	< 1.0	**7.4**	< 1.0	< 1.0	< 1.0*
	9/13/2019	< 1.0	<5.0	**100**	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	**6.7**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	<5.0	**120**	< 1.0	**0.41 J**	< 1.0	< 1.0	**0.43 J**	**7.1**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	<5.0	**37**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0
	6/10/2020	0.535 J	<100	**171**	<5.00	<25.0	<5.00	<5.00	<5.00	**5.47**	<5.00	<5.00	<25.0
	8/19/2020	<5.00	<100	**94.3**	<5.00	<25.0	<5.00	<5.00	<5.00	**4.20 J**	<5.00	<5.00	<25.0
	11/4/2020	**0.216 J**	<20.0	**76.7**	<1.00	<5.00	<1.00	<1.00	<1.00	**2.53**	<1.00	<1.00	<5.00
	3/19/2021	<5.00	<100	**127**	<5.00	<25.0	<5.00	<5.00	<5.00	**5.63**	<5.00	<5.00	<25.0
	6/2/2021	**0.160 J**	<20.0	**40.2**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.46**	<1.00	<1.00	<5.00
	11/16/2021	**0.709 J**	<20.0	**149**	<1.00	<5.00	<1.00	<1.00	**0.392 J**	**5.81**	<1.00	**0.265 J**	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
AMW-15-D1 (cont.)	2/1/2022	**0.614 J**	<20.0	**116**	**1.02**	<5.00	<1.00	<1.00	**0.305 J**	**3.11**	<1.00	<1.00	<5.00
	5/5/2022	**0.206 J**	<20.0	**51.2**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	**0.796 J**	<1.00	<1.00	<5.00
AMW-15-D2	6/23/2016	< 1.0	< 2.5	**68**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 2.5	**66**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**43**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 2.5	**42**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 2.5	**110 E**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 10	**120**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	**350**	< 4.0	< 4.0	< 4.0	< 4.0	**7.8**	**5.5**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 10	**160**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 10	**120**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 5.0	**61**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	**100**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	**96**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	**91**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<20.0	**126**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.209 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<20.0	**11.0**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<20.0	**57.1**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.430 J**	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<20.0	**74.6**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**57.3**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.682 J**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	**3.23**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**62.0**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.367 J**	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<20.0	**32.6**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.189 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<20.0	**28.9**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	**0.284 J**	<1.00	<1.00	<5.00
AMW-15-D3	6/23/2016	< 1.0	< 2.5	**2.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 2.5	**2.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	**23**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 10	**64**	< 4.0	**2.4 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**140**	< 4.0
	10/11/2017	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 5.0	**22**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**20**	< 2.0
	10/17/2018	< 1.0	< 10	**10**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**	< 1.0
	5/10/2019	< 1.0	<5.0	**16**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.39 J**	< 1.0
	9/13/2019	< 1.0	<5.0	**14**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.54 J**	< 1.0
	12/5/2019	< 1.0	<5.0	**7.7**	< 1.0	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	<5.0	**51**	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**	< 1.0
	6/9/2020	<1.00 J4	<20.0	**10.1**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<20.0	**72.8**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.226 J**	<1.00	**8.84**	<5.00
	11/4/2020	<1.00	<20.0	**80.6**	<1.00	<5.00	<1.00	<1.00	<1.00	**<1.00**	<1.00	**4.31**	<5.00
	3/19/2021	**0.672 J**	<20.0	**63.6**	<1.00	<5.00	**0.147 J**	<1.00	**2.41**	**0.435 J**	<1.00	**51.1**	<5.00
	6/1/2021	**0.155 J**	<20.0 C3	**69.7**	<1.00	<5.00	<1.00	<1.00	**0.448 J**	**0.213 J**	<1.00	**15.3**	<5.00
	8/12/2021	**0.564 J**	<20.0	**68.5**	<1.00	<5.00	<1.00	<1.00	**2.49**	**0.533 J**	<1.00	**56.8**	<5.00
	11/16/2021	**0.435 J**	<20.0	**61.7**	<1.00	<5.00	<1.00	<1.00	**1.99**	**0.499 J**	<1.00	**45.7**	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
AMW-15-D3	2/1/2022	**0.332 J**	<20.0	**68.8**	**0.905 J**	<5.00	<1.00	<1.00	**1.38**	**0.366 J**	<1.00	**29.9**	<5.00
(cont.)	5/5/2022	**0.282 J**	<20.0	**51.2**	<1.00	<5.00	<1.00	<1.00 C3	**1.34**	**0.476 J**	<1.00	**27.9**	<5.00
AMW-15-VD	6/23/2016	< 1.0	< 2.5	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	**0.52 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**15**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 2.5	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 2.5	**0.94 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 1.0	< 2.5	**0.44 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 10	**1.3**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 5.0	**1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	**1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00 J4	<20.0	**0.856 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/19/2020	<1.00	<20.0	**0.684 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<20.0	**0.581 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<20.0	**0.437 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**0.376 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**0.562 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<20.0	**0.380 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4
AMW-3	1/13/2016	**65**	< 13	< 5.0	**27**	**15**	< 5.0	< 5.0	**6.9**	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 2.5	**0.40 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 13	**1.4 J**	**1.5 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**2.8**	< 2.5	**0.23 J**	**9.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/11/2018	**7.1**	< 5.0	< 2.0	**29**	**1.1 J**	< 2.0	< 2.0	**1.0 J**	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	**4.9**	< 10	< 1.0	**50**	< 5.0	< 1.0	< 1.0	**0.60 J**	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**4.2**	<5.0	< 1.0	**31**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	**4.4**	<5.0	< 1.0	**29**	**0.53 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	**1.9**	<5.0	< 1.0	**7.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	**3.9**	< 5.0	< 1.0	**24**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	**4**	<20.0	<1.00	**14.9**	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/19/2020	**3.11**	<20.0	<1.00	**25.1**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/6/2020	**3.27**	<20.0	<1.00	**18.9**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	**0.968 J**	<20.0	<1.00	**7.03**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	**2.37**	<20.0 C3	<1.00	**12.6**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	**1.31**	<20.0	<1.00	**6.97**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	**1.62**	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	**0.786 J**	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
ASB-2	6/6/2016	< 1.0	< 2.5	**55**	< 1.0	< 1.0	< 1.0	**1.4**	**0.87 J**	< 1.0	< 1.0	**4.4**	< 1.0
ASB-3	6/8/2016	< 1.0	< 2.5	**8.5**	< 1.0	**0.60 J**	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0
ASB-4	6/7/2016	< 5.0	< 13	**13**	**4.5 J**	**330**	< 5.0	**6.7**	**9**	**13**	< 5.0	**1500 E**	< 5.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
ASB-5	6/2/2016	< 1.0	< 2.5	**4.6**	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	**4.8**	< 1.0
ASB-7	6/2/2016	< 2.0	< 5.0	**5.5**	< 2.0	< 2.0	< 2.0	**1.2 J**	< 2.0	< 2.0	< 2.0	**1.7 J**	< 2.0
MW-18R	6/22/2016	**14**	< 25	**65**	**4.4 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/11/2018	< 20	< 50	**11 J**	**5.1 J**	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	10/17/2018	**6.8**	< 50	**28**	**6.2 J**	< 25	< 5.0	< 5.0	**4.1 J**	< 5.0	< 5.0	< 5.0	< 5.0
	9/14/2019	**7.4**	< 5.0	**40**	**5.6**	**0.68 J**	< 1.0	< 1.0	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	**4.8**	< 5.0	**14**	**3.3**	**0.62 J**	< 1.0	< 1.0	**4.8**	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	**0.35 J**	< 5.0	< 1.0	**0.56 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	**4.03 J**	<100	**3.42 J**	<5.00	<25.0	<5.00	<5.00 J4	**3.31 J**	<5.00	<5.00	<5.00 J4	<25.0
	3/19/2021	**3.93**	**1.31 J**	**0.765 J**	**5.86**	<5.00	<1.00	<1.00	**2.36**	<1.00	<1.00	<1.00	<5.00
	6/2/2021	**1.11**	<20.0 C3	**1.06**	**1.01**	<5.00	<1.00	<1.00	**0.979 J**	<1.00	<1.00	<1.00	<5.00
	8/12/2021	**3.61**	<20.0	**8.58**	**3.73**	<5.00	<1.00	<1.00	**3.92**	<1.00	<1.00	<1.00	<5.00
	11/16/2021	**5.95**	<20.0	**26.5**	**5.60**	<5.00	<1.00	<1.00	**3.83**	<1.00	<1.00	<1.00	<5.00
	2/2/2022	**3.09**	<20.0	**0.870 J**	**2.86**	<5.00	<1.00	<1.00	**1.87**	<1.00	<1.00	<1.00	<5.00
	5/5/2022	**3.60**	<20.0	**0.295 J**	**4.84**	<5.00	<1.00	<1.00	**3.06**	<1.00	<1.00	<1.00	<5.00 C3J4
MW-23-D1R	10/26/2016	< 2.0	< 5.0	**140**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 13	**180**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 13	**210**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 2.5	**30**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 10	**140**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	**130**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 10	**150**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 10	**91**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	**0.56 J**	< 10	**94**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	**0.35 J**	< 5.0	**92**	< 1.0	**0.53 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	**0.44 J**	< 5.0	**83**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	**35**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	**0.439 J**	<20.0	**106**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/19/2020	**0.414 J**	<20.0	**85.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/5/2020	**0.314 J**	<20.0	**98.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	**0.163 J**	<20.0	**38.7**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	**0.141 J**	<20.0 C3	**39.0**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	**0.312 J**	<20.0	**106**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	**0.368 J**	<20.0	**95.3**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	**0.179 J**	<20.0	**48.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	**0.170 J**	<20.0	**64.9**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<5.00
MW-23-D2R	1/12/2016	< 5.0	< 13	**130**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 2.5	**26**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 2.5	**8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 10	**72**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 1.0	< 2.5	**150 E**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	<1.0	<5.0	**8.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2019	< 1.0	< 5.0	**8.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 5.0	**63**	< 1.0	**0.47 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	**14**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/19/2020	<1.00	<20.0	**42.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<20.0	**71.1**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/18/2021	<1.00	<20.0	**57.0**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**32.8**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	**19.6**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**18.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	**40.3**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**23.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
MW-24-D1R	1/13/2016	< 5.0	< 13	**220**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 10	**160**	**1.3 J**	< 4.0	< 4.0	< 4.0	< 4.0	**11**	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 2.5	**140 E**	**0.64 J**	< 1.0	< 1.0	< 1.0	**0.68 J**	**6.5**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 2.5	**120 E**	**0.66 J**	< 1.0	< 1.0	< 1.0	**0.64 J**	**6.8**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 10	**81**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 8.0	< 20	**290**	< 8.0	< 8.0	< 8.0	< 8.0	**23**	**22**	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 50	**270**	< 25	< 25	< 5.0	< 5.0	**17**	**12**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 5.0	**65**	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	**2.0**	< 1.0	< 1.0	< 1.0
	9/13/2019	**0.97 J [0.86 J]**	<5.0 [<5.0]	**210 [200]**	**J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**7.2 [6.4]**	**[15]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/5/2019	**[0.86 J]**	<5.0 [<5.0]	**180 [210]**	**[0.56 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**1.4 [2.3]**	**7.0 [16]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	2/11/2020	**0.61 J [1.0]**	<5.0 [<5.0]	**210 [220]**	< 1.0 **[0.57 J]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**0.9 J [2.5]**	**9.5 [14]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	6/9/2020	**0.954 J [1.08 J]**	<100 [<100]	**195 [255]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<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]
	8/19/2020	**0.712 J [0.681 J]**	<100 [<100]	**220 [206]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	**12.9 [13.2]**	<5.00	<5.00 [<5.00]	<25.0 [<25.0]
	11/5/2020	**0.771 J [0.560 J]**	<100 [<100]	**207 [180]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	**12.8 [9.50]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	3/19/2021	**1.04 [0.940 J]**	<20.0 [<100]	**201 [213]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<1.00 [<5.00]	**1.42 [<5.00]**	**12.6 [11.4]**	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<25.0]
	6/1/2021	**0.925 J [0.888 J]**	<20.0 C3 [<100 C3]	**195 [174]**	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<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]
	11/16/2021	**0.729 J [0.703 J]**	<20.0 [<20.0]	**199 [185]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.583 J [0.620 J]**	**10.9 [9.11]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
	2/2/2022	**0.534 J [0.604 J]**	<20.0 [<20.0]	**170 [182]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.598 J [0.677 J]**	**8.30 [8.83]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
	5/4/2022	**0.851 J [0.0.815 J]**	<20.0 [<20.0]	**180 [196]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	**1.5 [1.63]**	**12 [11.9]**	<1.00 [<1.00]	**0.271 J [0.281 J]**	<5.00 [<5.00 C3 J4]
MW-24-D2	1/13/2016	< 5.0	< 13	**260**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/13/2016	< 5.0	< 13	**250**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 2.5	**140 E**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.98 J**	< 1.0	< 1.0	< 1.0
	10/25/2016	< 4.0	< 10	**120**	< 4.0	**120**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 5.0	< 13	**270**	< 5.0	**84 F1**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	7/5/2017	< 8.0	< 20	**220**	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	8/27/2017	< 8.0	< 20	**87**	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 2.0	< 5.0	**60**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/12/2018	< 2.0	< 5.0	**2.5**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 10	**2**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	5.0 U	**47**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
MW-24-D2 (cont.)	6/9/2020	<1.00 J4	<20.0	**136**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	**0.716 J**	<1.00	<1.00 J4	<5.00
	8/18/2020	**0.141 J**	<20.0	**76.4**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.359 J**	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<20.0	**296**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.13**	<1.00	**0.244 J**	<5.00
	3/19/2021	<1.00	<20.0	**448**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.19**	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<20.0 C3	**358**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.720 J**	<1.00	<1.00	<5.00
	11/16/2021	**0.209 J**	<20.0	**224**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.668 J**	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	**341**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.498 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<20.0	**454**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.992 J**	<1.00	<1.00	<5.00 C3 J4
MW-24-VDR	7/12/2018	< 4.0	< 10	**4.2**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 10	**2.9**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	**0.75 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00 J4	<20.0	**0.998 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/18/2020	<1.00	<20.0	**1.16**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<20.0	**0.944 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<20.0	**1.01**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<20.0 C3	**0.782 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	**0.249 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-26-D1	1/12/2016	< 5.0	< 13	**380**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	< 4.0	< 10	**340**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/25/2016	< 10	< 25	**310**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/25/2016	< 4.0	< 10	**390**	< 4.0	**3.6 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/5/2017	< 10	< 25	**290**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	8/27/2017	< 10	< 25	**240**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	10/11/2017	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 5.0	**220 E**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	**0.43 J**	< 10	**110**	< 5.0	< 5.0	< 1.0	< 1.0	**0.23 J**	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	**0.73 J**	< 5.0	**86**	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	**1.0**	< 1.0	< 1.0	< 1.0
	12/6/2019	**0.56 J**	< 5.0	**77**	< 1.0	< 1.0	< 1.0	< 1.0	**0.4 J**	**0.74 J**	< 1.0	< 1.0	< 1.0
	2/11/2020	**0.67 J**	< 5.0	**80**	< 1.0	< 1.0	< 1.0	< 1.0	**0.46 J**	**0.92 J**	< 1.0	< 1.0	< 1.0
	6/10/2020	**1.06**	<20.0	**115**	<1.00	<5.00	<1.00	<1.00	**0.516 J**	**2.36**	<1.00	<1.00	<5.00
	8/19/2020	**0.555 J**	<20.0	**97.4**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.57**	<1.00	<1.00	<5.00
	11/6/2020	**0.459 J**	<20.0	**84.1**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.42**	<1.00	<1.00	<5.00
	6/2/2021	**0.628 J**	<20.0 C3	**105**	<1.00	<5.00	<1.00	<1.00	**0.685 J**	**3.67**	<1.00	<1.00	<5.00
	8/12/2021	**0.250 J**	<20.0	**67.5**	<1.00	<5.00	<1.00	<1.00	**0.326 J**	**2.54**	<1.00	<1.00	<5.00
	11/16/2021	**0.509 J**	<20.0	**75.6**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.65**	<1.00	<1.00	<5.00
	2/2/2022	**0.281 J**	<20.0	**69.0**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.670 J**	<1.00	<1.00	<5.00
	5/5/2022	**0.621 J**	<20.0	**68.9**	<1.00	<5.00	<1.00	<1.00 C3	**0.755 J**	**0.887 J**	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
MW-26-D2	1/12/2016	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	< 1.0	< 2.5	**59**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 5.0	**85**	< 2.0	**15**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 5.0	**43**	< 2.0	**81**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/5/2017	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 8.0	< 20	< 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	< 2.5	**14**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 10	**76**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	**84**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.90 J**	< 1.0	**0.50 J**	< 1.0
	9/13/2019	< 1.0	< 5.0	**60**	< 1.0	**0.44 J**	< 1.0	< 1.0	< 1.0	**0.56 J**	< 1.0	< 1.0	1.0 U
	12/6/2019	< 1.0	< 5.0	**29**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	**52**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<20.0	**105**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<20.0	**64.4**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-26-VD	1/13/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 2.5	**0.96 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-27-D1R	1/13/2016	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 2.5	**10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 5.0	**84**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 5.0	**100**	< 2.0	**0.94 J**	< 2.0	< 2.0	< 2.0	**5**	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 5.0	**62**	< 2.0	< 2.0	< 2.0	< 2.0	**1.6 J**	**4.1**	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 10	**38**	< 5.0	< 5.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	**0.26 J**	< 1.0
	5/10/2019	< 1.0	< 5.0	**18**	< 1.0	< 1.0	< 1.0	< 1.0	**0.44 J**	**0.96 J**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 5.0	**33**	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	**2.3**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	**39**	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	**3.6**	< 1.0	**0.37 J**	1.0 U
	8/19/2020	<5.00	<100	**26.0**	<5.00	<25.0	<5.00	<5.00	<5.00	**1.52 J**	<5.00	<5.00	<25.0
	11/6/2020	<5.00	<100	**22.2**	<5.00	<25.0	<5.00	<5.00	<5.00	**2.01 J**	<5.00	<5.00	<25.0
	3/20/2021	<1.00	<20.0	**21.1**	<1.00	<5.00	<1.00	<1.00	**0.450 J**	**1.82**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**27.6**	<1.00	<5.00	<1.00	<1.00	**0.774 J**	**2.80**	<1.00	**0.349 J**	<5.00
	8/12/2021	<1.00	<20.0	**21.3**	<1.00	<5.00	<1.00	<1.00	**0.544 J**	**1.87**	<1.00	**0.230 J**	<5.00
	11/17/2021	<1.00	<20.0	**37.6**	<1.00	<5.00	<1.00	<1.00	**1.20**	**3.89**	<1.00	**0.355 J**	<5.00
	2/2/2022	<1.00	<20.0	**18.8**	<1.00	<5.00	<1.00	<1.00	**0.297 J**	**1.80**	<1.00	**0.208 J**	<5.00
	5/5/2022	<1.00	<20.0	**19.1**	<1.00	<5.00	<1.00	<1.00 C3	**0.474 J**	**2.11**	<1.00	**0.260 J**	<5.00
MW-27-D2	1/13/2016	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**38**	< 10	**8.1**	**26**	**5.7**	< 4.0	< 4.0	**17**	< 4.0	< 4.0	< 4.0	< 4.0
	7/5/2017	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 2.5	< 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	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 4.0	< 10	**3.4 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 5.0	**7.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 5.0	**9.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 5.0	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 5.0	**4.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00 J4	<20.0	**0.843 J**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/19/2020	<1.00	<20.0	**1.21**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/20/2021	<1.00	<20.0	**0.380 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**0.132 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/17/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
MW-28-D1	6/24/2016	< 1.0	< 2.5	**6.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 25	**4.7 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/5/2017	< 1.0	< 2.5	**19**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 10	**6.6**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 10	**4.8**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	**0.33 J**	< 10	**9.5**	< 5.0	< 5.0	< 1.0	< 1.0	**0.39 J**	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	**7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	**0.56 J**	< 5.0	**22**	< 1.0	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	1.0 U	5.0 U	**21**	< 1.0	< 1.0	< 1.0	< 1.0	**0.53 J**	**0.25 J**	< 1.0	< 1.0	< 1.0
	2/11/2020	**0.34 J**	< 5.0	**34**	< 1.0	< 1.0	< 1.0	< 1.0	**0.62 J**	**0.35 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	**0.440 J**	<20.0	**20.1**	<1.00	<5.00	<1.00	<1.00 J4	**0.578 J**	**0.205 J**	<1.00	<1.00 J4	<5.00
	8/19/2020	<1.00	<20.0	**16.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/6/2020	**0.548 J**	<20.0	**28.8**	<1.00	<5.00	<1.00	<1.00	**0.497 J**	**0.362 J**	<1.00	<1.00	<5.00
	6/2/2021	**0.221 J**	<20.0 C3	**7.53**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	**0.211 J**	<20.0	**8.64**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	**0.200 J**	<20.0	**7.56**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.185 J**	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**5.26**	<1.00	<5.00	<1.00	<1.00	**0.324 J**	<1.00	<1.00	<1.00	<5.00 C3 J4
MW-28-D2R	6/24/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 1.0	< 2.5	**0.25 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 10	< 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	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 4.0	< 10	< 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	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00 J4	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/19/2020	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<20.0	**0.108 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)	Trichloro-fluoro-methane (Freon 11)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	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
MW-28-D2R (cont.)	3/20/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<20.0	**0.131 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**0.418 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3J4
MW-29-D1	1/14/2016	**24**	< 13	**34**	**5.5**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**5.4**	< 2.5	**23**	**3.8**	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	**16**	< 2.5	**44**	**10**	< 1.0	< 1.0	< 1.0	**3.1**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	**6.4**	< 2.5	**23**	**2.5**	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	**7.7**	< 5.0	**71**	**1.8 J**	< 2.0	< 2.0	< 2.0	**2.3**	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	**9.3**	< 5.0	**28**	**5.8**	< 2.0	< 2.0	< 2.0	**1.7 J**	< 2.0	< 2.0	< 2.0	< 2.0
	10/12/2017	**5.8**	< 10	**20**	**1.5 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/13/2018	**19**	< 10	**39**	**11**	< 4.0	< 4.0	< 4.0	**3.0 J**	< 4.0	< 4.0	< 4.0	< 4.0
	10/18/2018	**16**	< 10	**33**	**11**	< 5.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	**18**	< 5.0	**51**	**8.6**	< 1.0	< 1.0	< 1.0	**2.3**	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	**2.2**	< 5.0	**18**	**1.2**	**0.48 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 5.0	**12**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 5.0	**3.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	**0.107 J**	<20.0	**22.7**	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4	<5.00
	8/19/2020	<1.00	<20.0	**29.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<20.0	**28.7**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	3/20/2021	<1.00	<20.0	**26.4**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<20.0 C3	**1.76**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	8/12/2021	**0.105 J**	<20.0	**20.9**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<20.0	**33**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<5.00
MW-29-D2	1/14/2016	< 1.0	< 2.5	**66**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/21/2016	< 1.0	< 2.5	**51**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-29-VD	1/14/2016	< 10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/21/2016	< 1.0	< 2.5	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D1	1/14/2016	< 1.0	< 2.5	**100 E**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 2.5	**53**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-D2	1/14/2016	< 5.0	< 13	**7.3**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/14/2016	< 2.0	< 5.0	**8.1**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	6/22/2016	< 1.0	< 2.5	**3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-30-VD	1/14/2016	< 10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	6/22/2016	< 1.0	< 2.5	**0.47 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D1R	1/14/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 2.5	**3.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-31-D2R	1/14/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 2.5	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-12	1/14/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D1	6/24/2016	**1.3**	< 2.0	NA	NA	NA	NA	**3,500**	**510 B**	NA	**569,000 B**	**5,69,000 B**	NA
	7/27/2016	**9.9**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D2	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**2,700**	**740 B**	NA	**1100 B**	**7,32,000 B**	NA
	7/27/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-VD	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**26,100**	**1100 B**	NA	**1100 B**	**7,32,000 B**	NA
	7/27/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-14-D1	6/24/2016	**1.4**	< 2.0	NA	NA	NA	NA	**410**	**370 B**	NA	**< 140**	**8,86,000 B**	NA
	7/26/2016	**1600 E**	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	**78**	**3.2 J**	**130**	< 150	< 140	**1,100**	**4,700**	**48**	**16,90,000 ^**	NA	**7,16,000 B**	**3,060**
	8/27/2017	**7.6**	< 8.0	**79**	< 330	**200 J**	**550**	**5,200**	**49 B**	**1,730,000**	NA	**5,63,000 B**	**3,130**
	10/11/2017	**3.2**	**20**	**23**	< 170	**190**	**580**	**4,400**	**48 B**	**1,590,000**	NA	**563,000**	**1,860**
	7/12/2018	< 8.0	**16**	**42**	< 660	**260 J**	**2,000**	**1,600**	**14 B**	**975,000**	NA	**6,23,000 B**	**2,970**
	10/17/2018	**32**	**1.6 J**	**120 B**	< 330	< 310	**1,600**	**5,000**	**55 B**	**1,560,000**	NA	**673,000**	**3,620**
	5/10/2019	**2.1**	**16**	**73**	**150 J**	**440**	**1,900**	**5,780**	**94.9**	**1,740,000**	NA	**805,000**	**3,700**
	9/13/2019	**9**	< 2.0	**150**	<83	<77	**3,600**	**3,630**	**70.2**	**1,680,000**	NA	**779,000**	**3,000**
	12/5/2019	**22**	**1.8 J**	**160**	**13**	**210**	**3,800**	**6,940**	**59**	**1,100,000**	NA	**582,000**	**2,100**
	2/12/2020	**40**	**5.7**	**100 B**	**160**	**690**	**3,000 B**	**5,170**	**41.1**	**967,000**	NA	**386,000**	**2,400**
	6/10/2020	**5.59**	**0.780 J**	**43.1 T8**	<13.0	**86.3**	**3,200**	**1,800**	**33.3**	**1,380,000**	NA	**613,000**	**2,750**
	8/19/2020	**4.74**	**4.86**	**42,500 T8**	**378**	**176**	**3,340**	**8,480**	**131**	**1,930,000**	NA	**678**	**2,950**
	11/4/2020	**6.16**	**3.95**	**28.2 T8**	**816**	**225**	**5,990**	**3,130**	**22.0**	**986,000**	NA	**581,000**	**3,030**
	3/19/2021	**25.3**	**3.77**	**61.8 P1 T8**	**110**	**661**	**5,200**	**12,500**	**150**	**1,950,000**	NA	**808,000**	**3,950**
	6/2/2021	**7.18**	**3.61**	**36.4 T8**	**831**	**171**	**6,810**	**3,040**	**70.9**	**1,890,000**	NA	**719,000**	**3,180**
	8/12/2021	<1.00 J4	**3.90**	**56.1 B T8**	**437**	**445**	**4,350**	**5,080**	**88.3**	**2,060,000**	NA	**637,000**	**2,480**
	11/16/2021	**10.4**	**2.95 J**	**60.8 BT8**	**14.6**	**102**	**777**	**4,560**	**38.6**	**1,180,000**	NA	**674,000**	**3,010**
	2/2/2022	<1.00	**1.38 J**	**40.8 T8**	**93.6**	**16.8**	**1,020**	**5,220**	**94.9**	**1,900,000**	NA	**541,000**	**3,090**
	5/5/2022	**9.17**	**2.71 J**	<20 J T8	**325**	**251**	**3,850**	**5,910**	**109**	**2,020,000**	--	**409,000**	**1,900**
AMW-14-D2	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**6,600**	**510 B**	NA	**740 B**	**7,40,000 B**	NA
	7/26/2016	**3.6**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/27/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 1.0	< 2.0	**18**	< 83	< 77	**210**	**34 J**	**16 B**	**13,500**	NA	**4,39,000 B**	**4,930**
	10/11/2017	< 1.0	< 2.0	**100**	< 170	< 150	**1,200**	**17,300**	**760 B**	**3,260,000**	NA	**830,000**	**4,070**
	7/12/2018	< 2.0	< 4.0	**120**	< 330	< 310	**970**	**2,500**	**78 B**	**2,210,000**	NA	**7,85,000 B**	**4,380**
	10/17/2018	< 1.0	< 3.0	**150 B**	< 330	< 310	**2,200**	**2,700**	**100 B**	**2,230,000**	NA	**4,85,000 B**	**4,510**
	5/10/2019	**0.32 J**	<2.0	**150**	< 330	< 310	**1,900**	**548**	**80.1**	**2,080,000**	NA	**822,000**	**4,200**
	9/13/2019	**0.65 J**	<2.0	**160**	<83	<77	**2,600**	**1,870**	**86.3**	**2,070,000**	NA	**823,000**	**3,400**
	12/5/2019	**0.33 J**	<2.0	**170**	**0.74 J**	< 3.0	**2,200**	**6,830**	**135**	**2,380,000**	NA	**727,000**	**4,200**
	2/12/2020	< 1.0	<2.0	**120 B**	**1.1 J**	< 3.0	**1,800 B**	**5,590**	**116**	**1,630,000**	NA	**810,000**	**4,500**
	6/10/2020	<10.0	**4.00 J**	**69.7 T8**	<13.0	<13.0	**2,070**	**5,070**	**119**	**1,990,000**	NA	**744,000**	**4,190**
	8/19/2020	<10.0	<30.0	**55,800 T8**	<13.0	<13.0	1670	**17,800**	**340**	**2,510,000**	NA	**832**	**4,380**
	11/5/2020	<1.00	<3.00	**26.3 T8**	<13.0	<13.0	**1,970**	**3,290**	**104**	**1,950,000**	NA	**692,000**	**4,330**
	3/19/2021	<1.00	<3.00	**44.6 T8**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA	**750,000**	**5,310**
	6/2/2021	**6.49**	<3.00	**47.6 T8**	<13.0	<13.0	**2,330**	**4,590**	**137**	**2,340,000**	NA	**473,000**	**3,020**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<3.00	**91.0 T8**	<13.0	<13.0	**1,670**	**1,450**	**111**	**2,410,000**	NA	**841,000**	**4,350**
	11/16/2021	<1.00	<3.00	**89.4 T8**	<13.0	<13.0	**255**	**5,870**	**145**	**2,310,000**	NA	**810,000**	**4,100**
	2/2/2022	<1.00	<3.00	**103 T8**	<13.0	<13.0	**326**	**3,310**	**122**	**2,260,000**	NA	**816,000**	**4,690**
	5/5/2022	<1.00	<3.00	**69.3 B T8**	<13.0	<13.0	**1,400**	**2,750**	**132**	**2,460,000**	NA	**605,000**	**3,460**
AMW-14-VD	6/23/2016	< 1.0	**0.79 J**	NA	<13.0	<13.0	1,820	**28,300**	**506**	2,530,000	**427**	**427,000**	NA
	7/27/2016	< 1.0	< 2.0	NA	<13.0	<13.0	1,820	28,300	506	2,530,000	NA	NA	NA
	7/5/2017	< 1.0	< 2.0	**120**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA	**4,40,000 B**	**15,200**
	8/27/2017	< 1.0	< 2.0	**100**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA	**4,15,000 B**	**15,400**
	10/11/2017	< 1.0	**3.2**	**82**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA	**454,000**	**16,200**
	7/12/2018	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**27**	**18,400**	**410 B**	**8,660,000**	NA	**4,72,000 B**	**19,400**
	10/17/2018	< 1.0	< 3.0	**110 B**	< 7.5	< 7.0	**24**	**18,500**	**390 B**	**9,100,000**	NA	**4,09,000 B**	**16,300**
	5/10/2019	<1.0	<2.0	**130**	<7.5 H	<7.0 H	**12 H**	**14,700**	**387**	**71,50,000 B**	NA	**493,000**	**110,000**
	9/13/2019	<1.0	<2.0	**140**	<7.5	<7.0	**20**	**15,200**	**376**	**6,810,000**	NA	**493,000**	**14,000**
	12/5/2019	<1.0	<2.0	**130**	< 4.0	<3.0	**33**	**18,800**	**432**	**8,960,000**	NA	**493,000**	**17,000**
	2/12/2020	<1.0	<2.0	**100 B**	< 4.0	< 3.0	**28 B**	**12,800**	**339**	**5,740,000**	NA	**495,000**	**15,000**
	6/10/2020	<1.00	<3.00	**88.9 T8**	<13.0	<13.0	**467**	**17,600**	**381**	**8,070,000**	NA	**528,000**	**18,000**
	8/20/2020	<1.00	<3.00	**82,100 T8**	<13.0	<13.0	**26.4**	**16700**	**389**	**8,790,000**	NA	**527**	**17,000**
	11/5/2020	<1.00	<3.00	<20 T8	<13.0	<13.0	**48.6**	**18,000**	**396**	**7,940,000**	NA	**501,000**	**17,200**
	3/19/2021	<1.00	<3.00	**82.5 T8**	<13.0	<13.0	**51.9**	**18,500**	**395**	**8,320,000**	NA	**522,000**	**17,300**
	6/2/2021	<1.00	<3.00	**99.3 T8**	<13.0	<13.0	**52.7**	**18,900**	**396**	**8,510,000**	NA	**542,000**	**16,100**
	8/12/2021	<1.00	<3.00	**148 T8**	<13.0	<13.0	**61.1**	**19,400**	**393**	**8,190,000**	NA	**540,000**	**16,700**
	11/16/2021	<1.00	<3.00	**112 T8**	<13.0	<13.0	**18.4**	**20,000**	**383**	**8,670,000**	NA	**448,000**	**13,500**
	2/2/2022	<1.00	<3.00	**138 T8**	<13.0	<13.0	**9.62 J**	**18,200**	**411**	**8,690,000**	NA	**518,000**	**16,100**
	5/5/2022	<1.00	<3.00	**112 B T8**	<13.0	<13.0	**31.7**	**18,600**	**401**	**8,720,000**	NA	**497,000**	**15,400**
AMW-15-D1	6/23/2016	**70**	< 2.0	NA	NA	NA	NA	**2,200**	**500 B**	NA	**602**	**602,000**	NA
	7/27/2016	**410**	**6.5 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	**600 F1**	**15 J**	NA	NA	NA	NA	**1,900 B**	**70 B**	NA	**130**	**130,000**	NA
	10/26/2016	**240**	**5.5 J**	NA	NA	NA	NA	**95 B**	**110 B**	NA	**528**	**528,000**	NA
	7/5/2017	**10**	< 8.0	**110**	< 150	< 140	**400**	**2,100**	**84**	**17,50,000 ^**	NA	**597,000**	**73.2**
	8/27/2017	**76**	**17**	**27**	**92 J**	**830**	**4,000**	**12,400**	**170 B**	**1,520,000**	NA	**4,71,000 B**	**2,480**
	10/11/2017	**24**	**12**	**34**	< 330	**470**	**2,400**	**6,900**	**100 B**	**17,10,000 ^**	NA	**641,000**	**2,760**
	10/17/2018	< 5.0	**19**	**40**	< 660	< 620	**5,100**	**3,900**	**320**	**989,000**	NA	**442,000**	**1,910**
	5/9/2019	**1.1**	**6.3**	**52**	<830	<770	**3,200**	**3,340**	**335**	**1,170,000**	NA	**422,000**	**2,500**
	9/13/2019	**2**	**5.1**	**47**	**290 J**	**150 J**	**4,000**	**3,740**	**311**	**1,160,000**	NA	**254,000**	**1,700**
	12/5/2019	**2.2**	**5.8**	**39**	**490**	**550**	**6,200**	**3,550**	**243**	**1,200,000**	NA	**424,000**	**2,000**
	2/11/2020	< 1.0	**1.6 J**	**20 B**	**89**	**49**	**700 B**	**4,740**	**303**	**1,050,000**	NA	**206,000**	**1,800**
	6/10/2020	<5.00	**6.20 J**	<20.0 T8	**775**	**165**	**6,590**	**512**	**150**	**1,050,000**	NA	**393,000**	**2,010**
	8/19/2020	<5.00	**2.96 J**	<20000 T8	**550**	**27.5**	**4,380**	**1,320**	**126**	**1,460,000**	NA	**442**	**1990**
	11/4/2020	<1.00	**1.61 J**	<20 T8	**722**	<13.0	**5,200**	**800**	**80.5**	**1,030,000**	NA	**425,000**	**2,250**
	3/19/2021	<5.00	**5.23 J**	**23 T8**	**1,370**	**90.7**	**9,900**	**13,700**	**113**	**1,210,000**	NA	**598,000**	**2,590**
	6/2/2021	<1.00	**1.14 J**	<20 T8	**298**	<13.0	**1,970**	**597**	**55.6**	**1,040,000**	NA	**466,000**	**2,050**
	11/16/2021	<1.00	**2.26 J**	**25.2 BT8**	**198**	<13.0	**1,380**	**612**	**17.9**	**1,230,000**	NA	**494,000**	**2,140**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-15-D1	2/1/2022	<1.00	**1.29 J**	**23.9 T8**	**183**	<13.0	**1,510**	**1,150**	**26.7**	**1,280,000**	NA	**496,000**	**2,260**
(cont.)	5/5/2022	<1.00	**0.309 J**	<20 B J T8	**291**	<13.0	**2,150**	**1,020**	**47.5**	**1,230,000**	NA	**514,000**	**2,460**
AMW-15-D2	6/23/2016	**1.8**	< 2.0	NA	NA	NA	NA	**110**	**5.8 B**	NA	**50 B**	**1,81,000 B**	NA
	6/23/2016	**1.7**	< 2.0	NA	NA	NA	NA	**120**	**6.3 B**	NA	**185**	**185,000**	NA
	7/27/2016	**3.5**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	**4.7**	< 2.0	NA	NA	NA	NA	**50 B**	**85 B**	NA	**99.9**	**99,900**	NA
	10/26/2016	**30**	< 2.0	NA	NA	NA	NA	< 50	**98 B**	NA	**600**	**600,000**	NA
	7/5/2017	< 4.0	< 8.0	**98**	< 150	< 140	**430**	**700**	**110**	**20,90,000 ^**	NA	**687,000**	**3,700**
	8/27/2017	**300**	**12**	**94**	< 170	**37 J**	**880**	**3,500**	**140 B**	**2,200,000**	NA	**6,73,000 B**	**3,650**
	10/11/2017	**25**	< 8.0	**68**	< 170	< 150	**280**	**4,500**	**130 B**	**21,50,000 ^**	NA	**811,000**	**3,710 F1**
	10/17/2018	< 1.0	< 3.0	**110**	< 330	< 310	**560**	**750**	**55**	**2,130,000**	NA	**461,000**	**3,790**
	5/10/2019	< 1.0	<2.0	**130**	<170	<150	**520**	**328**	**72**	**2,030,000**	NA	**672,000**	**4,200**
	9/13/2019	**0.39 J**	<2.0	**140**	<170	<150	**680**	**493**	**54.6**	**2,030,000**	NA	**649,000**	**3,800**
	12/5/2019	< 1.0	<2.0	**120**	**1.3 J**	3 U	**800**	**739**	**62.7**	**1,870,000**	NA	**636,000**	**4,000**
	2/11/2020	< 1.0	<2.0	**97 B**	**1.9 J**	< 3.0	**690 B**	**978**	**69.9**	**1,820,000**	NA	**651,000**	**4,200**
	6/9/2020	<1.00	**0.225 J**	**39.8 T8**	<13.0	<13.0	**920**	**595**	**75.7**	**1,580,000**	NA	**610,000**	**3,750**
	8/19/2020	<1.00	<3.00	**46,600 T8**	<13.0	<13.0	**409**	**10,500**	**150**	**2,230,000**	NA	**413**	**2410**
	11/4/2020	<1.00	<3.00	**21.5 T8**	**6.37 J**	<13.0	**809**	**963**	**76.6**	**1,940,000**	NA	**540,000**	**4,150**
	3/19/2021	**7.82**	<3.00	**36.2 T8**	<13.0	<13.0	**19.3**	**14,800**	**258**	**2,220,000**	NA	**590,000**	**3,500**
	6/2/2021	<1.00	<3.00	<20 T8	<13.0	<13.0	**1,100**	**10,100**	**97.9**	**2,220,000**	NA	**313,000**	**935**
	8/12/2021	<1.00	<3.00	**46.8 B T8**	<13.0	<13.0	<10.0	**1,850**	**100**	**2,010,000**	NA	**578,000**	**3,140**
	11/16/2021	<1.00	<3.00	**46 T8**	<13.0	<13.0	**156**	**362**	**166**	**1,450,000**	NA	**490,000**	**2,990**
	2/1/2022	<1.00	<3.00	**70.9 T8**	<13.0	<13.0	**118**	**1,450**	**102**	**1,880,000**	NA	**616,000**	**3,510**
	5/4/2022	<1.00	<3.00	<20 T8	<13.0	<13.0	**763**	**4,130**	**69**	**1,220,000**	NA	**274,000**	**2,370**
AMW-15-D3	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**98**	**250 B**	NA	**2,980,000 ^**	**6,17,000 B**	NA
	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**120**	**240 B**	NA	**< 5**	**12,200 B**	NA
	7/27/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	**16**	**17**	**5.1**	< 330	< 310	**2,400**	**2,300**	**450 B**	**29,80,000 ^**	NA	**4,08,000 B**	**4,230**
	10/11/2017	< 2.0	< 4.0	< 5	< 170	< 150	**610**	**450**	**99 B**	**25,00,000 ^**	NA	**508,000**	**7,530**
	7/13/2018	< 2.0	< 4.0	**7.6**	< 330	< 310	**1,500**	**3,100**	**1,100 B**	**3,870,000**	NA	**5,18,000 B**	**4,670**
	10/17/2018	< 1.0	< 3.0	**100**	< 170	< 150	**2,800**	**260**	**200**	**2,610,000**	NA	**108,000**	**7,380**
	5/10/2019	< 1.0	<2.0	**140**	<330	<310	**1,600**	**301**	**222**	**2,730,000**	NA	**616,000**	**8,800**
	9/13/2019	< 1.0	<2.0	**130**	< 170	< 150	**1,400**	**612**	**231**	**2,720,000**	NA	**646,000**	**4,400**
	12/5/2019	< 1.0	<2.0	**100**	< 4.0	< 3.0	**1,400**	**349**	**97.4**	**1,550,000**	NA	**594,000**	**5,300**
	2/11/2020	**0.57 J**	<2.0	**85 B**	**3.1 J**	< 3.0	**1,100 B**	**3,631**	**106**	**1,330,000**	NA	**626,000**	**2,600**
	6/9/2020	<1.00	<3.00	**29.8 T8**	<13.0	<13.0	**1,340**	**1,130**	**138**	**1,690,000**	NA	**676,000**	**4,630**
	8/19/2020	<1.00	**0.376 J**	**52,200 T8**	**19.0**	<13.0	**2,800**	**3,030**	**871**	**3,930,000**	NA	**479**	**8160**
	11/4/2020	<1.00	**0.174 J**	**23.4 T8**	<13.0	<13.0	**2,010**	**795**	**131**	**1,660,000**	NA	**649,000**	**4,790**
	3/19/2021	**7.44**	**4.59**	<20 T8	**76.3**	**6.25 J**	**6,270**	**439**	**484**	**2,960,000**	NA	**310,000**	**3,000**
	6/1/2021	**1.29**	**0.930 J**	<20 T8	**36.7**	<13.0	**4,700**	**657**	**628**	**3,350,000**	NA	**493,000**	**683**
	8/12/2021	**4.44**	**5.08**	<20 T8	**49.4**	<13.0	**6,110**	**92.4 J**	**1.65 J**	**462,000**	NA	**567,000**	**639**
	11/16/2021	**5.59**	**3.66**	<20 T8	**16.5**	<13.0	**1,910**	**584**	**8.71 J**	**479,000**	NA	**350,000**	**621**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
AMW-15-D3	2/1/2022	**3.72**	**2.43 J**	<20.0 T8	**9.91 J**	<13.0	**1,340**	**440**	**631**	**3,100,000**	NA	**236,000**	**2,480**
(cont.)	5/5/2022	**3.94**	**2.05 J**	<20 T8	**29.5**	<13.0	**4,050**	**622**	**52.9**	**999,000**	NA	**522,000**	**646**
AMW-15-VD	6/23/2016	< 1.0	< 2.0	NA	NA	NA	NA	**4,200**	**200 B**	NA	**303**	**303,000**	NA
	7/27/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 1.0	< 2.0	**31**	< 7.5	< 7.0	**24**	**11,800**	**350 B**	**8,910,000**	NA	**135,000 B**	**16,100**
	10/11/2017	< 1.0	**3**	**40**	< 7.5	< 7.0	**8**	**11,700**	**340 B**	**91,80,000 ^**	NA	**329,000**	**16,000**
	7/13/2018	< 1.0	< 2.0	**41**	< 7.5	< 7.0	**37**	**10,600**	**320 B**	**8,290,000**	NA	**3,57,000 B**	**19,200**
	10/17/2018	< 1.0	< 3.0	**37**	< 7.5	< 7.0	**27**	**10,700**	**310**	**8,770,000**	NA	**271,000**	**13,200**
	5/10/2019	< 1.0	<2.0	**17**	<7.5 H	<7.0 H	**25 H**	**3,600**	**287**	**8,560,000**	NA	**432,000**	**18,000**
	9/13/2019	< 1.0	<2.0	**49**	<7.5	<7.0	**22**	**7,650**	**192**	**5,240,000**	NA	**429,000**	**16,000**
	12/5/2019	< 1.0	<2.0	**22**	< 4.0	< 3.0	**51**	**5,150**	**220**	**6,360,000**	NA	**478,000**	**17,000**
	2/11/2020	< 1.0	<2.0	**11 B**	< 4.0	< 3.0	**38 B**	**2,850**	**157**	**4,770,000**	NA	**468,000**	**15,000**
	6/9/2020	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**54.9**	**5,330**	**213**	**6,680,000**	NA	**517,000**	**18,000**
	8/19/2020	<1.00	<3.00	**29,500 T8**	<13.0	<13.0	**44.9**	**6,080**	**230**	**6,370,000**	NA	**509**	**17,000**
	11/4/2020	<1.00	<3.00	<20 T8	<13.0	<13.0	**63.3**	**4,530**	**280**	**8,440,000**	NA	**523,000**	**17,300**
	3/19/2021	<1.00	<3.00	**21.7 T8**	<13.0	<13.0	**64.5**	**10,200**	**288**	**8,660,000**	NA	**523,000**	**17,300**
	6/2/2021	<1.00	<3.00	**7.310 J T8**	<13.0	<13.0	**76.2**	**663**	**12.8**	**204,000**	NA	**238,000**	**6,130**
	8/12/2021	<1.00	<3.00	**53.2 B T8**	<13.0	<13.0	<10.0	**5,030**	**538**	**31,600**	NA	**529,000**	**16,500**
	11/16/2021	<1.00	<3.00	**53.3 T8**	<13.0	<13.0	**42.7**	**13,300**	**281**	**8,640,000**	NA	**507,000**	**16,700**
	2/1/2022	<1.00	<3.00	**27.6 T8**	<13.0	<13.0	**17.1**	**6,990**	**264**	**8,650,000**	NA	**598,000**	**16,800**
	5/5/2022	<1.00	<3.00	**25.9 B T8**	<13.0	<13.0	<10.0	**18,800**	**363**	**8,030,000**	NA	**553,000**	**16,700**
AMW-3	1/13/2016	< 5.0	**20**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 2.0	NA	NA	NA	NA	**16,200**	**1,400 B**	NA	**351**	**351,000**	NA
AMW-7R	1/12/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	**0.79 J**	NA	NA	NA	NA	**170**	**74 B**	NA	**2,900 B**	**1,99,000 B**	NA
	7/11/2018	< 2.0	< 4.0	**82**	< 330	< 310	**3,500**	**20,000**	**2,500 B**	**199,000**	NA	**8,81,000 B**	**253**
	10/17/2018	< 1.0	**0.61 J**	**94 B**	< 330	< 310	**5,800**	**12,500**	**2,900 B**	**168,000**	NA	**997,000**	**192**
	5/10/2019	< 1.0	**1.3 J**	**94**	< 330 UH	< 310 UH	**3,100 H**	**8,080**	**2,770**	**105,000**	NA	**558,000**	**120 F1**
	9/14/2019	< 1.0	< 2.0	**110**	<170	<150	**3,600**	**6,840**	**2,770**	**95,700**	NA	**651,000**	**62**
	12/6/2019	< 1.0	**0.73 J**	**47**	**1.6 J**	< 3.0	**6,200**	**4,790**	**1,420**	**93,300**	NA	**462,000**	**80**
	2/12/2020	< 1.0	**0.86 J**	**52 B**	**2.4 J**	< 3.0	**5,500 B**	**24,900**	**2,730**	**86,900**	NA	**597,000**	**85**
	6/9/2020	<1.00	**1.66 J**	**38.1 T8**	<13.0	<13.0	**9,370**	**16,000**	**2,270**	**93,200**	NA	**516,000**	**100**
	8/19/2020	<1.00	**0.990 J**	**46.3 T8**	<13.0	<13.0	**3550**	**94900**	**3080**	**113,000**	NA	**656**	**86.6**
	11/6/2020	<1.00	**0.241 J**	**44.3 T8**	**4.44 J**	<13.0	**7,880**	**33,200**	**3,500**	**111,000**	NA	**723,000**	**78.2**
	3/19/2021	<1.00	<3.00	**32.1 T8**	<13.0	<13.0	**7,700**	**35,500**	**2,390**	**234,000**	NA	**615,000**	**547**
	6/2/2021	<1.00	**2.53 J**	**36.4 T8**	<13.0	<13.0	**10,100**	**21,800**	**2,160**	**168,000**	NA	**514,000**	**262**
	8/12/2021	<1.00	<3.00	**71.3 T8**	<13.0	<13.0	**4,930**	**8,720**	**2,450**	**193,000**	NA	**708,000**	**181**
	11/16/2021	<1.00	<3.00	**65.1 T8**	<13.0	<13.0	**2,830**	**3,360**	**1,640**	**108,000**	NA	**640,000**	**77**
	5/5/2022	<1.00	**0.285 J**	**46.3 B T8**	<13.0	<13.0	**4,220**	**3,990**	**2,400**	**92,300**	NA	**457,000**	**137**
ASB-2	6/6/2016	**6**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-3	6/8/2016	**81**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-4	6/7/2016	**400**	**36**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
ASB-5	6/2/2016	**11**	**0.89 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-7	6/2/2016	**31**	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18R	6/22/2016	< 10	< 20	NA	NA	NA	NA	**11,500 B**	**470 B**	NA	**20,000 B**	**5,15,000 B**	NA
	7/11/2018	< 20	< 40	**2.2 J**	< 660	< 620	**3,800**	**1,400**	**17 B**	**161,000**	NA	**1,84,000 B**	**367**
	10/17/2018	< 5.0	**5.2 J**	**11 B**	< 660	< 620	**9,700**	**450**	**26 B**	**193,000**	NA	**365,000**	**259**
	9/14/2019	< 1.0	**7.1**	**32**	<660	<620	**13,000**	**11,700**	**110**	**310,000**	NA	**386,000**	**480**
	12/5/2019	< 1.0	**5.2**	**3 J**	**21**	**0.81 J**	**16,000**	**3,100**	**30.8**	**323,000**	NA	**225,000**	**400**
	2/12/2020	< 1.0	< 2.0	**3.9 J B**	< 4.0	< 3.0	**89**	**9,770**	**49.9**	**45,100**	NA	**24,400**	**77**
	6/9/2020	<5.00	**5.52 J**	<20.0 T8	**8.80 J**	<13.0	**5,640**	**5,240**	**28.9**	**204,000**	NA	**101,000**	**269**
	3/19/2021	<1.00	**4.41**	<20 T8	**19**	<13.0	**8,840**	**1,450**	**11.7**	**191,000**	NA	**131,000**	**223**
	6/2/2021	<1.00	**1.50 J**	<20 T8	<13.0	<13.0	**5,700**	**1,270**	**18.5**	**362,000**	NA	**83,300**	**835**
	8/12/2021	<1.00 J4	**5.64**	**42.3 B T8**	**13.5**	<13.0	**12,300**	**1,250**	**59.9**	**609,000**	NA	**206,000**	**1,340**
	11/16/2021	<1.00	**7.81**	**30.8 BT8**	<13.0	<13.0	**2,660**	**553**	**42.6**	**507,000**	NA	**199,000**	**853**
	2/2/2022	<1.00	**3.73**	--	<13.0	<13.0	**1,630**	--	--	--	NA	--	--
	5/5/2022	<1.00	**5.55**	<20 T8	<13.0	<13.0	**8,600**	**2,780**	**21.9**	**245,000**	NA	**142,000**	**289**
MW-23-D1R	10/26/2016	< 2.0	< 4.0	NA	NA	NA	NA	< 50	**21 B**	NA	**555**	**555,000**	NA
	10/26/2016	< 5.0	< 10	NA	NA	NA	NA	**240 B**	**670 B**	NA	**525**	**525,000**	NA
	1/12/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/20/2016	< 1.0	< 2.0	NA	NA	NA	NA	**660**	**690 B**	NA	**485**	**485,000**	NA
	7/5/2017	< 4.0	< 8.0	**82**	< 150	< 140	**150**	**17,100**	**3,100**	**11,90,000 ^**	NA	**500,000**	**1,970**
	8/27/2017	< 4.0	< 8.0	**75**	< 83	< 77	**1,500**	**33,900**	**2200 B**	**11,90,000 ^**	NA	**5,12,000 B**	**2,190**
	10/12/2017	< 4.0	< 8.0	**55**	< 170	< 150	**1,300**	**3,800**	**1000 B**	**12,30,000 ^**	NA	**562,000**	**2,270**
	7/12/2018	< 4.0	< 8.0	**64**	< 330	< 310	**4,800**	**4,300**	**810 B**	**1,360,000**	NA	**4,95,000 B**	**2,250**
	10/17/2018	**1**	< 3.0	**63**	< 660	< 620	**3,600**	**1,900**	**930**	**1,220,000**	NA	**360,000**	**2,260**
	9/13/2019	**0.26 J**	< 2.0	**68**	<83	<77	**1,400**	**1,460**	**636**	**971,000**	NA	**467,000**	**2,000**
	12/5/2019	< 1.0	< 2.0	**660**	**8.2**	< 3.0	**2,100**	**2,020**	**852**	**389,000**	NA	**309,000**	**1,300**
	2/11/2020	< 1.0	< 2.0	**10 B**	**3.3 J**	< 3.0	**770 B**	**2,650**	**191**	**474,000**	NA	**173,000**	**730**
	6/10/2020	<1.00	**0.190 J**	**29.6 T8**	**6.78 J**	<13.0	**1,560**	**1,430**	**511**	**1,240,000**	NA	**320,000**	**1,690**
	8/19/2020	<1.00	<3.00	**41,200 T8**	**6.95 J**	<13.1	**1,780**	**6,320**	**1,260**	**1,300,000**	NA	**543**	**2,340**
	11/5/2020	<1.00	<3.00	**23.9 T8**	**7.51 J**	<13.0	**2,040**	**3,260**	**1,050**	**1,300,000**	NA	**401,000**	**2,030**
	3/19/2021	<1.00	<3.00	**29.3 T8**	<13.0	<13.0	**303**	**105,000**	**4,350**	**1,310,000**	NA	**469,000**	**2,470**
	6/2/2021	<1.00	<3.00	**22.3 T8**	<13.0	<13.0	**876**	**5,830**	**1,660**	**1,280,000**	NA	**583,000**	**2,310**
	8/12/2021	<1.00	<3.00	**30.8 B T8**	<13.0	<13.0	**944**	**2,970**	**973**	**1,320,000**	NA	**516,000**	**2,330**
	11/16/2021	<1.00	<3.00	**39.1 BT8**	<13.0	<13.0	**225**	**3,070**	**1,120**	**770,000**	NA	**275,000**	**1,390**
	2/2/2022	<1.00	<3.00	**48.6 T8**	<13.0	<13.0	**195**	**11,400**	**1,090**	**1,340,000**	NA	**357,000**	**1,920**
	5/5/2022	<1.00	<3.00	**47.1 B T8**	<13.0	<13.0	**328**	**5,870**	**926**	**1,390,000**	NA	**448,000**	**2,810**
MW-23-D2R	1/12/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/20/2016	< 1.0	< 2.0	NA	NA	NA	NA	**40 J**	**110 B**	NA	**543**	**543,000**	NA
	7/5/2017	< 1.0	< 2.0	**130**	< 38	< 35	**73**	**4,400**	**210**	**21,90,000 ^**	NA	**520,000**	**5,260**
	8/27/2017	< 4.0	< 8.0	**110**	< 83	< 77	**360**	**1,800**	**170 B**	**19,30,000 ^**	NA	**4,34,000 B**	**5,420**
	10/12/2017	**1.2**	< 2.0	**100**	< 170	< 150	**200**	**2,800**	**140 B**	**25,70,000 ^**	NA	**654,000**	**4,460**
	7/12/2018	<1.0	<2.0	**32**	< 170	< 150	**290**	**1,660**	**279**	**1,930,000**	NA	**587,000**	**3,800**
	5/9/2019	< 1.0	< 2.0	**32**	< 170	< 150	**290**	**1,660**	**279**	**1,930,000**	NA	**587,000**	**3,800**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 2.0	140	< 170	< 150	700	25,700	2,350	1,600,000	NA	415,000	2,500
	12/5/2019	< 1.0	< 2.0	69	2.9 J	< 3.0	1,500	26,100	2,120	1,410,000	NA	349,000	2,400
	8/19/2020	<1.00	<3.00	54,100 T8	<13.0	<13.0	1,190	46,200	290	2,340,000	NA	505	3,710
	11/5/2020	<1.00	<3.00	32.6 T8	<13.0	<13.0	1,020	12,700	2,830	1,900,000	NA	398,000	3,730
	3/18/2021	<1.00	<3.00	53.5 T8	<13.0	<13.0	61	8,940	139	2,220,000	NA	667,000	4,360
	6/2/2021	<1.00	<3.00	61.5 T8	<13.0	<13.0	878	1,520	267	2,010,000	NA	540,000	3,500
	8/12/2021	<1.00	<3.00	35.9 B T8	<13.0	<13.0	1,070	1,380	1,550	1,560,000	NA	376,000	3,250
	11/16/2021	<1.00	<3.00	72 T8	<13.0	<13.0	421	2,140	1,510	1,710,000	NA	600,000	3,710
	2/2/2022	<1.00	<3.00	92.6 T8	<13.0	<13.0	389	953	1,400	1,620,000	NA	529,000	3,630
	5/5/2022	<1.00	<3.00	79.8 B T8	<13.0	<13.0	1,310	803	1,240	1,180,000	NA	448,000	3,520
MW-24-D1R	1/13/2016	99	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	35	9.3	NA	NA	NA	NA	32 J	60 B	NA	550 J	6,42,000 B	NA
	10/26/2016	33	7.2	NA	NA	NA	NA	< 50	49 B	NA	526	526,000	NA
	10/26/2016	15	6.6	NA	NA	NA	NA	58 B	8.9 B	NA	324	324,000	NA
	10/26/2016	< 4.0	< 8.0	NA	NA	NA	NA	24 J B	59 B	NA	577	577,000	NA
	7/12/2018	160	29	67	130 J	1,100	5,900	10,100	120 B	2,140,000	NA	8,75,000 B	4,220
	10/16/2018	22	25	59	< 660	550 J	6,000	2,900	91	1,070,000	NA	583,000	2,370
	5/9/2019	1.5	3.6	98	< 330	< 310	1,600	4,120	79.6	1,720,000	NA	572,000	3,900
	9/13/2019	8.0 [9.2]	33 [30]	36 [51]	750 [730]	100 J [99 J]	7,300 [7,700]	2,140 [4,060]	32.1 [56.5]	13,20,000 [15,20,000]	NA	[5,88,000]	1,800 [3,000]
	12/5/2019	3.4 [5.4]	11 [29]	30 [60]	320 [880]	88 [280]	2,400 [8,400]	1,540 [1,410]	40.6 [38.3]	13,40,000 [11,70,000]	NA	[5,14,000]	1,900 [2,000]
	2/11/2020	2.3 [7.9]	24 [37]	57 B [57 B]	520 [520]	110 [270]	4,500 B [5900]	196 [426]	13.1 J [15]	13,70,000 [15,40,000]	NA	3,78,000 [5,30,000]	2,300 [2,500]
	6/9/2020	2.86 J [<5.00]	31.1 [34.4]	47.8 T8 [38.3 T8]	419 [549]	230 [147]	5,930 [6,460]	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]
	8/19/2020	<5.00 [<5.00]	26.9 [26.3]	47,000 T8 [46,300 T8]	589 [566]	116 [111]	6,530 [6,280]	674 [819]	9.41 J [14.6]	14,40,000 [14,70,000]	NA	423 [485]	2,360 [2,390]
	11/5/2020	<5.00 [<5.00]	24.1 [18.6]	57.2 T8 [48.7 T8]	794 [609]	274 [219]	12,600 [9,970]	486 [631]	9.69 J [10.4]	1,430,000 [1,420,000]	NA	290,000 [287,000]	2,380 [2,310]
	3/19/2021	<1.00 [<5.00]	23.8 [22.7]	<20 T8 [38 T8]	647 [752]	209 [219]	10,400 [11,100]	415 [4,070]	7.67 J [42.5]	1,430,000 [1,330,000]	NA	461,000 [523,000]	2,640 [2,750]
	6/1/2021	1.06 [2.21 C3 J]	20.2 [18.0]	38.9 T8 [26.2 T8]	480 [451]	145 [139]	7,940 [6,890]	722 [2,570]	12.4 [39.2]	1,480,000 [1,560,000]	NA	475,000 [586,000]	2,730 [2,840]
	11/16/2021	<1.00 [<1.00]	12.6 [12.3]	<20 B J T8 [32.3 B T8]	70.5 [78.5]	20.2 [21.8]	1,280 [1,390]	3,390 [15,100]	294 [290]	1,370,000 [1,390,000]	NA [NA]	413,000 [313,000]	2,300 [2,500]
	2/2/2022	0.242 J [<1.00]	8.44 [9.73]	58.5 T8 [59.3 T8]	38.9 [56.8]	12.7 J [23.0]	872 [1,030]	2,270 [6,490]	333 [290]	1,360,000 [1,390,000]	NA [NA]	298,000 [359,000]	2,350 [2,350]
	5/4/2022	0.623 J [<1.00]	15.5 [15.1]	38.7 T8 [42.1 B T8]	251 [236]	127 [122]	6,520 [6,430]	18,700 [25,800]	40.9 [48]	1,510,000 [1,430,000]	NA [NA]	522,000 [488,000]	2,610 [2,720]
MW-24-D2	1/13/2016	180	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/2016	170	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	38	< 2.0	NA	NA	NA	NA	40 J	55 B	NA	298,000 B	7,41,000 B	NA
	10/25/2016	20	< 8.0	NA	NA	NA	NA	49 J	62	NA	512	512,000	NA
	10/25/2016	280 F1	< 10	NA	NA	NA	NA	< 50	56	NA	759	759,000	NA
	7/5/2017	250 F1	< 16	130	< 150	< 140	130	1,800	88	25,20,000 ^	NA	667,000	4,060
	8/27/2017	72	< 16	110	< 170	< 150	980	6,600	160 B	2,260,000	NA	7,74,000 B	4,100
	10/11/2017	18	< 4.0	54	< 170	< 150	410	5,500	140 B	23,80,000 ^	NA	804,000	3,720
	7/12/2018	< 2.0	< 4.0	15	< 7.5	< 7.0	44	1,100	33 B	94,900	NA	1,14,000 B	182
	10/17/2018	0.23 J	< 3.0	5.7	< 170	< 150	370	610	32	1,08,000 ^	NA	102,000	201
	5/9/2019	< 1.0	< 2.0	5.0	< 7.5	< 7.0	< 4.0	391	7.7 J	100,000	NA	112,000	89
	9/13/2019	< 1.0	< 2.0	15.0	< 7.5	< 7.0	< 4.0	2,160	35.6	81,400	NA	108,000	49
	12/5/2019	< 1.0	< 2.0	26	1.5 J	0.57 J	270	2,090	58.7	366,000	NA	190,000	550
	2/11/2020	< 1.0	< 2.0	8 B	2.7 J	< 3.0	210 B	1,450	22.2	349,000	NA	482,000	340

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-24-D2 (cont.)	6/9/2020	**0.269 J**	<3.00	<20.0 T8	**25.3**	<13.0	**2,180**	**380**	**24.8**	**471,000**	NA	**267,000**	**805**
	8/18/2020	<1.00	<3.00	<20,000 T8	**13.7**	<13.0	**1,200**	**436**	**32.8**	**518,000**	NA	**235**	**728**
	11/5/2020	<1.00	<3.00	<20 J T8	**57.4**	<13.0	**5,720**	**491**	**36.4**	**819,000**	NA	**241,000**	**724**
	3/19/2021	<1.00	<3.00	**24.7 T8**	**44.7**	<13.0	**4,500**	**1,960**	**51.9**	**1,210,000**	NA	**607,000**	**2,240**
	6/1/2021	<1.00	<3.00	**22.5 T8**	**24.8**	<13.0	**1,920**	**1,480**	**56.0**	**1,470,000**	NA	**674,000**	**2,360**
	11/16/2021	<1.00	**0.180 J**	<20 JT8	<13.0	<13.0	**1,400**	**556**	**22.4**	**453,000**	NA	**320,000**	**854**
	2/2/2022	<1.00	<3.00	**22.8 T8**	**6.08 J**	<13.0	**350**	**355**	**60.2**	**1,680,000**	NA	**740,000**	**2,720**
	5/4/2022	<1.00	<3.00	**51.2 B T8**	**27.6**	<13.0	**2,540**	**387**	**65.2**	**2,200,000**	NA	**752,000**	**3,770**
MW-24-VDR	7/12/2018	< 4.0	< 8.0	**89**	**2.1 J**	**2.3 J**	**160**	**37900**	**910 B**	**8,960,000**	NA	**4,54,000 B**	**16,000**
	10/17/2018	**0.55 J**	< 3.0	**79**	< 7.5	< 7.0	**120**	**26,100**	**740**	**8,730,000**	NA	**416,000**	**13,100**
	5/9/2019	**0.40 J**	< 2.0	**92**	< 83	< 77	**13 J**	**25,200**	**597**	**6,100,000**	NA	**461,000**	**16,000**
	9/13/2019	**0.35 J**	< 2.0	**92**	<7.5	<7.0	**26**	**8,910**	**235**	**2,520,000**	NA	**295,000**	**7,300**
	12/5/2019	< 1.0	< 2.0	**3.8 J**	< 4.0	**1.7 J**	**28**	**36,500**	**694**	**9,030,000**	NA	**446,000**	**17,000**
	2/11/2020	< 1.0	< 2.0	**85 B**	< 4.0	<3.0	**40 B**	**31,500**	**523**	**7,000,000**	NA	**474,000**	**15,000**
	6/9/2020	<1.00	<3.00	**57.7 T8**	<13.0	<13.0	**77.0**	**37,100**	**454**	**7,320,000**	NA	**337,000**	**13,700**
	8/18/2020	<1.00	<3.00	**75,500 T8**	<13.0	<13.0	**55.8**	**44,900**	**578**	**8,910,000**	NA	**332**	**12,800**
	11/5/2020	<1.00	<3.00	**28.5 T8**	<13.0	<13.0	**68.1**	**45,100**	**588**	**8,850,000**	NA	**388,000**	**15,800**
	3/19/2021	<1.00	<3.00	**81.7 T8**	<13.0	<13.0	**87.1**	**63,900**	**687**	**8,250,000**	NA	**459,000**	**17,300**
	6/1/2021	<1.00	<3.00	**45.7 T8**	<13.0	<13.0	**56.0**	**53,700**	**574**	**8,160,000**	NA	**413,000**	**15,500**
	11/16/2021	<1.00	<3.00	<20 JT8	<13.0	<13.0	**47.1**	**1,130**	**7.12 J**	**47,300**	NA	**18,900 J**	**172**
MW-26-D1	1/12/2016	**16**	< 10	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	NA
	6/22/2016	**20**	< 8.0	NA	NA	NA	NA	**< 50**	**35 B**	NA	**569,000 B**	**5,69,000 B**	NA
	10/25/2016	**18**	< 20	NA	NA	NA	NA	**< 50**	**25**	NA	**479**	**479,000**	NA
	10/25/2016	**51**	< 8.0	NA	NA	NA	NA	**< 50**	**37**	NA	**591**	**591,000**	NA
	7/5/2017	**28**	< 20	**120**	< 150	< 140	**250**	**230**	**41**	**15,70,000 ^**	NA	**542,000**	**2,520**
	8/27/2017	< 10	< 20	**95**	< 170	< 150	**1,200**	**640**	**48 B**	**1,500,000**	NA	**5,32,000 B**	**2,530**
	10/11/2017	< 2.0	< 4.0	**10**	< 7.5	< 7.0	**10**	**190**	**75 B**	**304,000**	NA	**177,000**	**483**
	7/13/2018	**13**	< 4.0	**110**	< 330	< 310	**2,900**	**320**	**35 B**	**1,640,000**	NA	**558,000**	**2,810**
	10/17/2018	< 1.0	< 3.0	**65 B**	< 170	< 150	**1,800**	**280**	**24 B**	**1,510,000**	NA	**416,000**	**2,540**
	9/13/2019	**19**	< 2.0	**79**	< 170	< 150	**4,100**	**93.9 J**	**19.2**	**1,400,000**	NA	**542,000**	**3,000**
	12/6/2019	**12**	< 2.0	**64**	5.3	21	**2,400**	**364**	**18**	**1,260,000**	NA	**405,000**	**2,000**
	2/11/2020	**26**	< 2.0	**45 H B**	4.9	21	**1,900 B**	**1,080**	**25.6**	**1,440,000**	NA	**405,000**	**2,100**
	6/10/2020	**79.3**	**1.74 J**	**72.0 T8**	**15.0**	**65.8**	**3,260**	**553**	**21.4**	**1,300,000**	NA	**438,000**	**2,400**
	8/19/2020	**39**	**1.02 J**	**34,800 T8**	**7.93 J**	**23.2**	**2,030**	**1,340**	**31.4**	**1,370,000**	NA	**500**	**2,360**
	11/6/2020	**38.8 C5**	**0.793 J**	**58.2 T8**	**12.7 J**	**39.2**	**2,820**	**554**	**21.4**	**1,360,000**	NA	**387,000**	**2,340**
	6/2/2021	**62.4**	**2.02 J**	**69.9 T8**	**31.9**	**113**	**3,910**	**805**	**28.3**	**1,320,000**	NA	**443,000**	**2,330**
	8/12/2021	**38.6 C5 J4**	**1.11 J**	**46 B T8**	**25.3**	**98.1**	**3,810**	**544**	**32.9**	**1,150,000**	NA	**479,000**	**2,060**
	11/16/2021	**6.74**	**1.37 J**	**53 BT8**	**7.03 J**	**8.37 J**	**872**	**335**	**17.9**	**1,320,000**	NA	**418,000**	**2,290**
	2/2/2022	**2.66**	**1.13 J**	**53.8 T8**	<13.0	<13.0	**1,430**	**152 B**	**15.9**	**1,340,000**	NA	**411,000**	**2,500**
	5/5/2022	**4.64**	**6.03**	**89.2 B T8**	**19.8**	**16.3**	**4,490**	**166**	**25.4**	**1,340,000**	NA	**470,000**	**2,460**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-26-D2	1/12/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	1.2	< 2.0	NA	NA	NA	NA	490 B	700 B	NA	344	344,000	NA
	10/25/2016	< 2.0	< 4.0	NA	NA	NA	NA	55	63	NA	NA	NA	NA
	10/25/2016	< 2.0	< 4.0	NA	NA	NA	NA	< 50	140	NA	653	653,000	NA
	7/5/2017	< 1.0	< 2.0	130	< 7.5	< 7.0	76	970	420	39,30,000 ^	NA	348,000	9,010
	8/27/2017	< 8.0	< 16	110	< 83	< 77	92	970	310 B	3,370,000	NA	379,000	7,980
	10/11/2017	< 1.0	< 2.0	55	< 170	< 150	670	1,100	160 B	2,770,000	NA	435,000	8,600
	10/17/2018	< 1.0	< 3.0	110 B	< 170	< 150	1,100	150	52 B	2,190,000	NA	509,000	3,820
	5/9/2019	1.5	< 2.0	130	< 660	< 620	750	466	75.2	2,420,000	NA	684,000	5,000
	9/13/2019	< 1.0	< 2.0	150	<83	<77	1,000	207	65.6	2,270,000	NA	702,000	4,000
	12/6/2019	< 1.0	< 1.0	140	1.1 J	< 3.0	1,300	54.4 J	59.8	2,340,000	NA	628,000	4,000
	2/11/2020	< 1.0	< 2.0	83 B	0.8 J	< 3.0	710 B	348	88.8	2,500,000	NA	588,000	3,900
	6/10/2020	<1.00	0.218 J	57.8 T8	<13.0	<13.0	1,340	84.3 J	68.3	2,190,000	NA	671,000	4,390
	8/19/2020	<1.00	<3.00	47.9 T8	<13.0	<13.0	360	402	99.5	2,280,000	NA	638	4,160
	11/16/2021	<1.00	<3.00	<20 JT8	<13.0	<13.0	35	1,310	1,300	2,320,000	NA	168,000	5,590
MW-26-VD	1/13/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	74,000 B	2,600 B	NA	61 B	1,76,000 B	NA
MW-27-D1R	1/13/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	0.97 J	< 2.0	NA	NA	NA	NA	430	200 B	NA	51,600	7,95,000 B	NA
	7/5/2017	28	< 4.0	26	< 380	< 350	550	2,800	56	11,30,000 ^	NA	3,94,000 B	2,860
	8/27/2017	110	< 4.0	100	< 170	< 150	1,100	1,300	330 B	960,000	NA	884,000	5,640
	7/13/2018	88	< 4.0	140	< 660	< 620	3,700	8,200	170 B	1,690,000	NA	5,26,000 B	2,770
	10/18/2018	70	< 3.0	150 B	< 170	< 150	3,900	2,100	61 B	1,770,000	NA	725,000	3,890
	5/10/2019	17	< 2.0	97	< 83	< 77	1,600	51,600	456	1,900,000	NA	579,000	3,500
	9/14/2019	25	1.2 J	170	<330	<310	1,600	12,800	161	2,090,000	NA	724,000	3,400
	12/5/2019	61	1.6 J	170	5.5	40	2,600	1,310	51.9	1,920,000	NA	762,000	3,800
	8/19/2020	33.6	1.12 J	55,300 T8	<13.0	19.9	1,530	10,600	156	2,710,000	NA	945	5,060
	11/6/2020	26.0 C5	<15.0	83.4 T8	<13.0	27.8	2,010	10,900	176	2,140,000	NA	652,000	3,870
	3/20/2021	26.9	0.593 J	56.6 T8	9.14 J	39.4	3,920	8,780	150	2,160,000	NA	788,000	4,300
	6/2/2021	45.5	1.05 J	88.9 T8	<13.0	46.0	2,310	59,600	622	2,230,000	NA	795,000	4,330
	8/12/2021	23.9	0.820 J	103 T8	6.78 J	42.1	2,260	6,400	138	2,120,000	NA	839,000	3,970
	11/17/2021	43.7	1.67 J	94.5 B T8	<13.0	10.7 J	361	684	57.9	2,270,000	NA	764,000	4,260
	2/2/2022	27.1	0.515 J	109 T8	<13.0	6.14 J	376	3,770	100	2,150,000	NA	675,000	4,100
	5/5/2022	27.9	0.846 J	80 B T8	6.43 J	34.9	1,540	3,380	94.5	2,230,000	NA	842,000	4,230
MW-27-D2	1/13/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 4.0	68	NA	NA	NA	NA	1,300	38 B	NA	940 B	2,79,000 B	NA
	7/5/2017	< 1.0	< 2.0	130	< 75	< 70	53	12,400	550	26,90,000 ^	NA	4,08,000 B	6,330
	8/27/2017	< 1.0	< 2.0	100	< 83	< 77	180	11,600	1,200 B	31,40,000 ^	NA	303,000	9,140
	10/12/2017	< 1.0	< 2.0	81	< 170	< 150	350	9,500	1,700 B	44,60,000 ^	NA	374,000	8,290
	7/13/2018	< 4.0	< 8.0	140	< 330	< 310	1,500	4,600	340 B	2,530,000	NA	3,63,000 B	7,510
	10/18/2018	< 1.0	< 3.0	130 B	< 170	< 150	1,200	2,800	940 B	3,580,000	NA	195,000	8,300
	5/10/2019	< 1.0	< 2.0	66	< 170	< 150	310	902	197	505,000	NA	599,000	4,100
	9/14/2019	< 1.0	< 2.0	150	< 170	< 150	1,200	4,080	272	1,120,000	NA	638,000	3,500

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 2.0	**150**	< 4.0	< 3.0	**1,600**	**1,190**	**174**	**1,620,000**	NA	**526,000**	**3,600**
	2/12/2020	< 1.0	< 2.0	**110 B**	< 4.0	< 3.0	**910 B**	**1,920**	**230**	**1,940,000**	NA	**511,000**	**3,800**
	6/10/2020	<1.00	**0.181 J**	**98.7 T8**	<13.0	<13.0	**1,100**	**887**	**97.6**	**1,880,000**	NA	**496,000**	**4,660**
	8/19/2020	<1.00	<3.00	**75,400 T8**	<13.0	<13.0	**876**	**747**	**199**	**2,470,000**	NA	**397**	**3,690**
	11/6/2020	<1.00	<3.00	**60.9 T8**	<13.0	<13.0	**408**	**1,360**	**996**	**3,260,000**	NA	**323,000**	**7,520**
	3/20/2021	<1.00	<3.00	**93.9 T8**	<13.0	<13.0	**907**	**10,600**	**1,610**	**4,090,000**	NA	**291,000**	**8,920**
	6/2/2021	<1.00	<3.00	**56.2 T8**	<13.0	<13.0	**794**	**12,700 O1**	**1,600 O1**	**4,510,000**	NA	**275,000**	**9,290**
	8/12/2021	<1.00	<3.00	**127 T8**	<13.0	<13.0	**180**	**9,250**	**1,600**	**4,250,000**	NA	**338,000**	**7,000**
	11/17/2021	<1.00	<3.00	**141 T8**	<13.0	<13.0	**88.7**	**5,380**	**1,280**	**3,690,000**	NA	**252,000**	**6,730**
	2/2/2022	<1.00	<3.00	**134 T8**	<13.0	<13.0	**104**	**12,200**	**1,680**	**4,350,000**	NA	**333,000**	**7,580**
	5/5/2022	<1.00	<3.00	**85.5 B T8**	<13.0	<13.0	**411**	**14,300**	**1,710**	**4,710,000**	NA	**274,000**	**5,610**
MW-28-D1	6/24/2016	< 1.0	< 2.0	NA	NA	NA	NA	**79**	**68 B**	NA	**667,000**	**7,45,000 B**	NA
	7/28/2016	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 1.0	< 2.0	**51**	< 150	< 140	**290**	**3,600**	**67**	**418,000 ^**	NA	**457,000**	**3,120**
	8/27/2017	< 4.0	< 8.0	**15**	< 170	< 150	**1,000**	**740**	**19 B**	**10,40,000 ^**	NA	**393,000**	**3,310**
	10/11/2017	< 4.0	< 8.0	**3.8 J**	< 170	< 150	**520**	**950**	**27 B**	**998,000**	NA	**196,000**	**1,530**
	10/17/2018	< 1.0	**2.6 J**	**8.9 B**	< 330	< 310	**1,500**	**980**	**22 B**	**386,000**	NA	**102,000**	**945**
	5/9/2019	< 1.0	**0.47 J**	**120**	< 660	< 620	**1,300**	**2,480**	**89**	**1,940,000**	NA	**667,000**	**3,300**
	9/13/2019	**1.0**	**2.2**	**160**	<170	<150	**1,600**	**511**	**63.1**	**1,970,000**	NA	**735,000**	**2,900**
	12/5/2019	**0.68 J**	**1.9 J**	**75**	**33**	**15**	**2,500**	**169**	**10.4 J**	**874,000**	NA	**337,000**	**1,800**
	2/11/2020	**1.7**	**3**	**73 B**	**25**	**11**	**1,800 B**	**253**	**49.4**	**1,160,000**	NA	**495,000**	**1,900**
	6/9/2020	**0.625 J**	**3.11**	**26.5 T8**	**12.2 J**	<13.0	**1,140**	**226**	**47.8**	**1,360,000**	NA	**472,000**	**2,570**
	8/19/2020	<1.00	**1.02 J**	**23,000 T8**	<13.0	<13.0	**361**	**167**	**57.7**	**1,410,000**	NA	**496**	**2,490**
	11/6/2020	<1.00	**4.11**	**73.8 T8**	**46.5**	<13.0	**4,740**	**54.8 J**	**51.3**	**1,540,000**	NA	**548,000**	**3,110**
	6/2/2021	<1.00	**1.72 J**	**35.7 T8**	<13.0	<13.0	**788**	**88.9 J**	**40.0**	**1,340,000**	NA	**305,000**	**1,410**
	8/12/2021	<1.00	**1.62 J**	**41.9 B T8**	<13.0	<13.0	**1,380**	**101**	**36.0**	**867,000**	NA	**485,000**	**1,970**
	11/16/2021	<1.00	**1.75 J**	<20 JT8	<13.0	<13.0	**249**	**820**	**43.1**	**108,000**	NA	**104,000**	**202**
	2/2/2022	<1.00	<3.00	<20.0 J T8	**5.09 J**	<13.0	**805**	**240 B**	**14.3**	**129,000**	NA	**125,000**	**157**
	5/5/2022	<1.00	**1.65 J**	**41.9 B T8**	<13.0	<13.0	**277**	**230**	**32.5**	**387,000**	NA	**294,000**	**1,130**
MW-28-D2R	6/24/2016	< 1.0	< 2.0	NA	NA	NA	NA	**52,800**	**1,100 B**	NA	**182**	**182,000**	NA
	7/28/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**67**	**6,800**	**340**	**38,10,000 ^**	NA	**334,000**	**9,090**
	8/27/2017	< 4.0	< 8.0	**120**	< 83	< 77	**62**	**6,000**	**500 B**	**5,340,000**	NA	**3,37,000 B**	**11,300 B**
	10/11/2017	< 1.0	< 2.0	**91**	< 170	< 150	**370**	**9,300**	**470 F1 B**	**4,750,000**	NA	**412,000**	**6,670**
	7/13/2018	< 4.0	< 8.0	**91**	< 330	< 310	**880**	**5,200**	**190 B**	**3,000,000**	NA	**4,68,000 B**	**4,010**
	10/17/2018	< 1.0	< 3.0	**140 B**	< 170	< 150	**240**	**2,200**	**710 B**	**4,670,000**	NA	**333,000**	**9,820**
	5/9/2019	< 1.0	< 2.0	**42**	< 330	< 310	**730**	**569**	**224**	**2,850,000**	NA	**385,000**	**7,600**
	9/13/2019	< 1.0	< 2.0	**160**	<7.5	<7.0	**620**	**450**	**241**	**2,700,000**	NA	**428,000**	**4,600**
	12/6/2019	< 1.0	< 2.0	**160**	< 4.0	<3.0	**310**	**463**	**989**	**4,430,000**	NA	**349,000**	**7,400**
	2/11/2020	< 1.0	< 2.0	**100 B**	< 4.0	< 3.0	**1,000 B**	**252**	**184**	**1,620,000**	NA	**276,000**	**3,600**
	6/9/2020	<1.00	<3.00	**90.0 T8**	<13.0	<13.0	**239**	**5,050**	**1,730**	**4,130,000**	NA	**339,000**	**18,800**
	8/19/2020	<1.00	<3.00	**90,300 T8**	<13.0	<13.0	**212**	**48,300**	**855**	**5,750,000**	NA	**343**	**9,550**
	11/6/2020	<1.00	<3.00	**85.8 T8**	<13.0	<13.0	**618**	**5,890**	**370**	**2,760,000**	NA	**395,000**	**6,460**

See Notes on Page 51.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

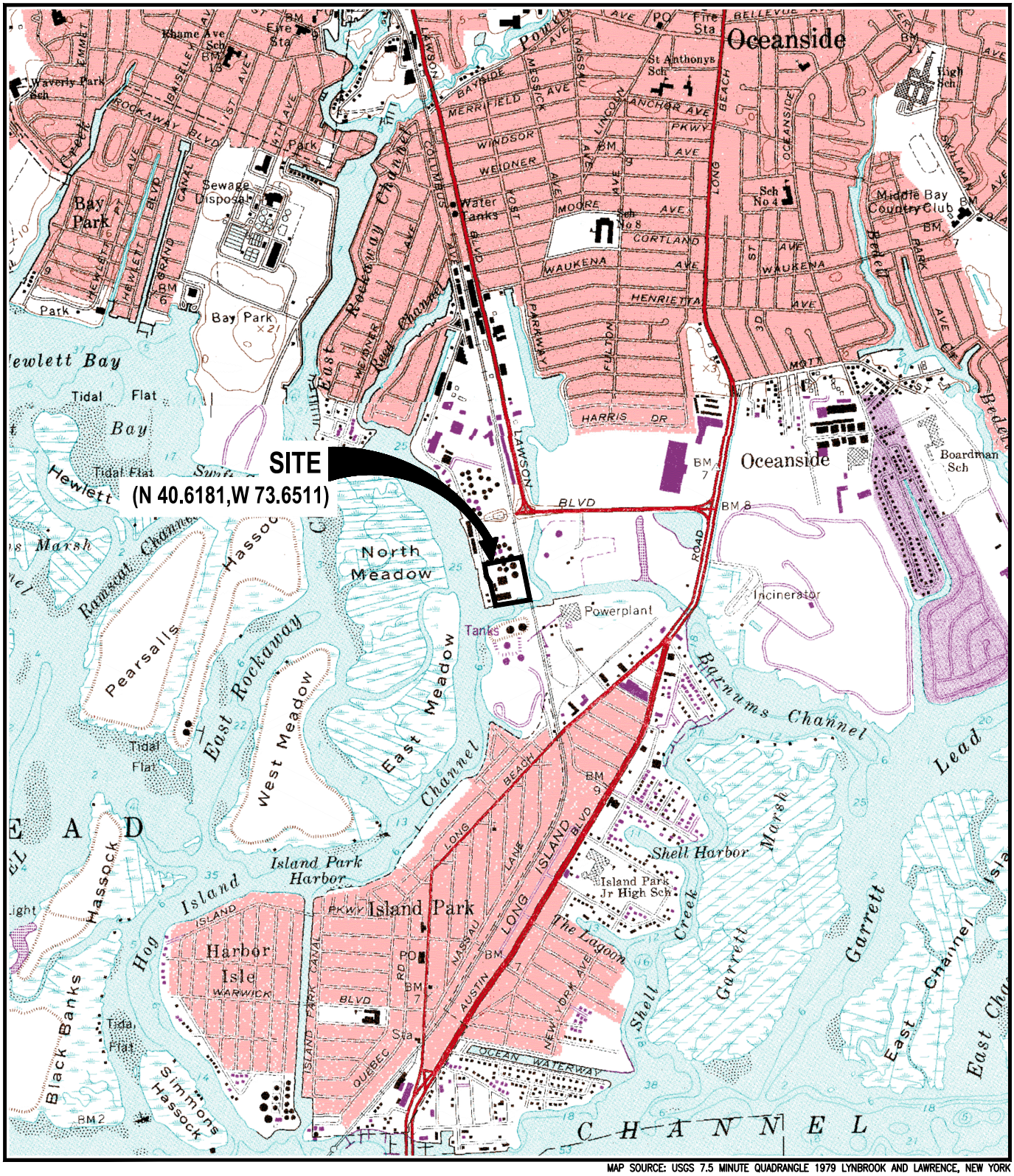
Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	NE	NE	NE	NE	300	300	20,000	NE	NE	250
	Units	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	mg/L
MW-28-D2R (cont.)	3/20/2021	<1.00	<3.00	**68 T8**	<13.0	<13.0	**416**	**4,220**	**1,190**	**5,210,000**	NA	**347,000**	**10,800**
	6/2/2021	<1.00	<3.00	**68.1 T8**	<13.0	<13.0	**465**	**7,120**	**1,290**	**5,370,000**	NA	**348,000**	**10,900**
	8/12/2021	<1.00	<3.00	**125 T8**	<13.0	<13.0	**191**	**7,560**	**2,180**	**4,570,000**	NA	**369,000**	**7,480**
	11/16/2021	<1.00	<3.00	**136 T8**	<13.0	<13.0	**83.7**	**6,620**	**2,020**	**4,550,000**	NA	**341,000**	**5,880**
	2/2/2022	<1.00	<3.00	**153 T8**	<13.0	<13.0	<10.0	**5,270**	**2,120**	**4,370,000**	NA	**337,000**	**9,970**
	5/5/2022	<1.00	<3.00	**123 B T8**	<13.0	<13.0	**666**	**1,600**	**244**	**2,210,000**	NA	**434,000**	**5,580**
MW-29-D1	1/14/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	**2**	NA	NA	NA	NA	**520**	**270 B**	NA	**4.3 J**	**5,67,000 B**	NA
	10/26/2016	< 1.0	**9.7**	NA	NA	NA	NA	**220 B**	**250 B**	NA	**540**	**540,000**	NA
	10/26/2016	< 1.0	**4**	NA	NA	NA	NA	< 50	**5.2 B**	NA	**547**	**547,000**	NA
	7/5/2017	< 2.0	**3.7 J**	**180**	< 300	< 280	**680**	**460**	**350**	**9,51,000 ^**	NA	**556,000**	**1,610**
	8/27/2017	< 2.0	**4.3**	**150**	< 660	< 620	**11,000**	**2,400**	**150 B**	**24,70,000 ^**	NA	**5,60,000 B**	**1,580**
	10/12/2017	< 4.0	**4.3 J**	**140**	< 170	< 150	**5,200**	**3,400**	**300 B**	**8,93,000 ^**	NA	**619,000**	**1,530**
	7/13/2018	< 4.0	**5.5 J**	**180**	< 660	< 620	**15,000**	**1,300**	**340 B**	**988,000**	NA	**5,63,000 B**	**1,680**
	10/18/2018	< 1.0	**8.1**	**210 B**	< 1700	< 1500	**19,000**	**1,500**	**270 B**	**960,000**	NA	**535,000**	**1,550**
	5/10/2019	< 1.0	**3.3**	**190**	< 83	< 77	**9,300 E**	**1,450**	**470**	**839,000**	NA	**469,000**	**1,700**
	9/14/2019	< 1.0	< 2.0	**40**	<170	<150	**3,200**	**4,370**	**58.4**	**23,500**	NA	**40,100**	**58**
	12/6/2019	< 1.0	< 2.0	**28**	**1 J**	< 3.0	**1,100**	**673**	**32.1**	**75,900**	NA	**63,500**	**130**
	2/12/2020	< 1.0	< 2.0	**15 B**	< 4.0	< 3.0	**340 B**	**2,040**	**131**	**105,000**	NA	**62,700**	**160**
	6/10/2020	<1.00	<3.00	**53.4 T8**	**5.33 J**	<13.0	**10,700**	**741**	**161**	**643,000**	NA	**273,000**	**1,050**
	8/19/2020	<1.00	<3.00	**39,600 T8**	<13.0	<13.0	**6,710**	**1,360**	**172**	**574,000**	NA	**256**	**950**
	11/6/2020	<1.00	<3.00	**31.7 T8**	**10.6 J**	<13.0	**10,700**	**199**	**146**	**460,000**	NA	**208,000**	**795**
	3/20/2021	<1.00	<3.00	**30.9 T8**	**9.15 J**	<13.0	**6,640**	**8,750**	**205**	**524,000**	NA	**285,000**	**975**
	6/2/2021	<1.00	<3.00	**27.3 T8**	<13.0	<13.0	**660**	**42,600**	**484**	**437,000**	NA	**174,000**	**566**
	8/12/2021	<1.00 J4	<3.00	**51.4 B T8**	<13.0	<13.0	**4,950**	**5,200**	**272**	**446,000**	NA	**235,000**	**787**
	5/5/2022	<1.00	<3.00	**73.3 B T8**	<13.0	<13.0	**5,410**	**35,100**	**311**	**577,000**	NA	**266,000**	**930 E V**
MW-29-D2	1/14/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 2.0	NA	NA	NA	NA	**64**	**150 B**	NA	**430 B**	**4,53,000 B**	NA
MW-29-VD	1/14/2016	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 2.0	NA	NA	NA	NA	**390**	**62 B**	NA	**229 B**	**2,29,000 B**	NA
MW-30-D1	1/14/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	**360 B**	**93 B**	NA	**841 B**	**8,41,000 B**	NA
MW-30-D2	1/14/2016	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/14/2016	< 2.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	< 50	**110 B**	NA	**755 B**	**7,55,000 B**	NA
MW-30-VD	1/14/2016	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	**4,900 B**	**260 B**	NA	**713 B**	**7,13,000 B**	NA
MW-31-D1R	1/14/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	**230 B**	**25 B**	NA	**221 B**	**2,21,000 B**	NA
MW-31-D2R	1/14/2016	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 2.0	NA	NA	NA	NA	**2,200 B**	**430 B**	NA	**508 B**	**5,08,000 B**	NA

See Notes on Page 51.

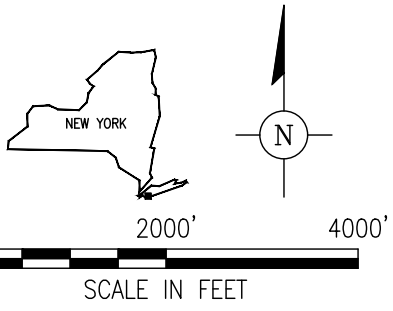
Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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



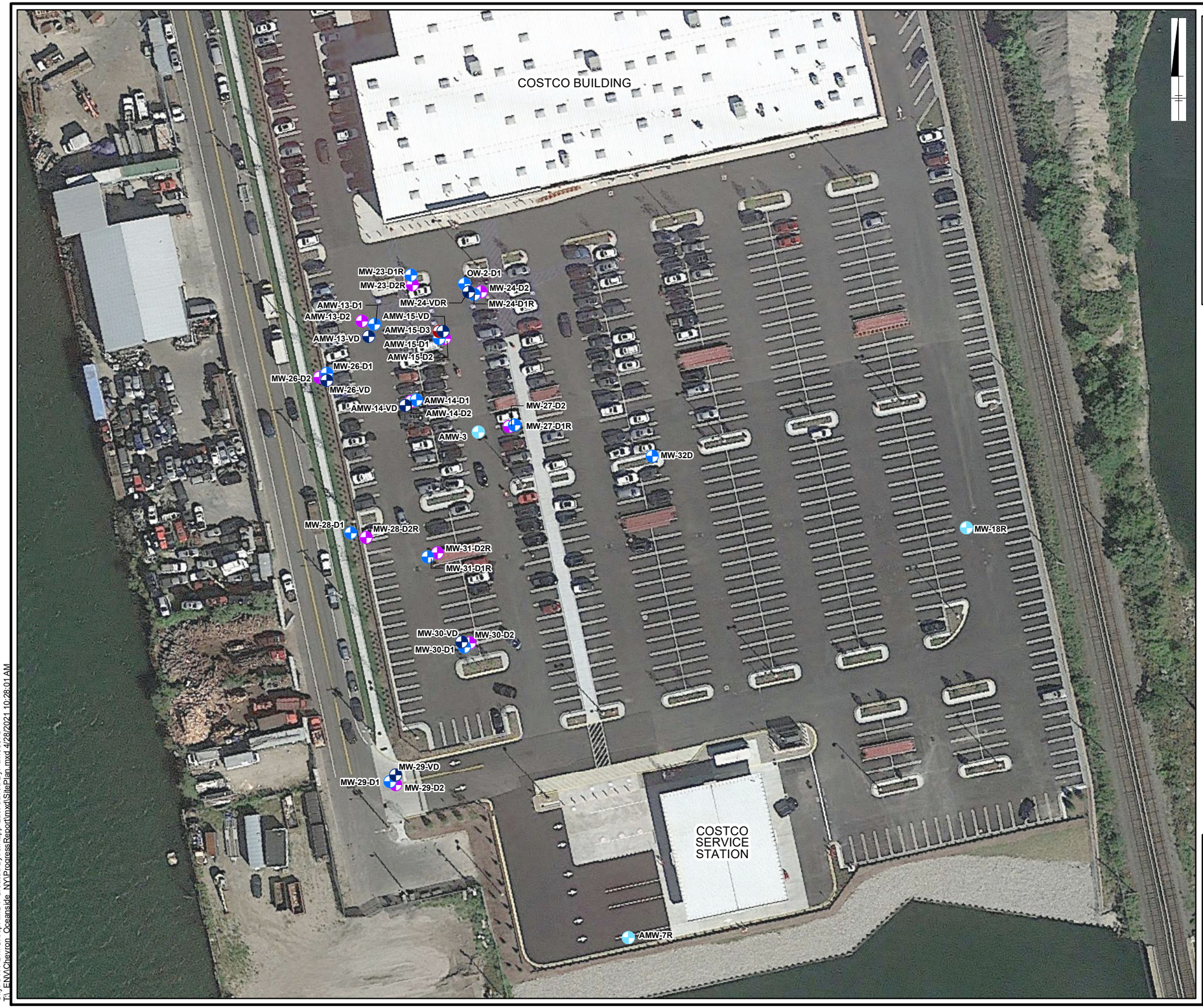
FORMER GULF OIL TERMINAL
(CHEVRON FACILITY #6518040)
OCEANSIDE, NEW YORK

SITE LOCATION MAP

ARCADIS

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\lposenauer\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION6518040 - MTBE SOURCE AREA INV2018\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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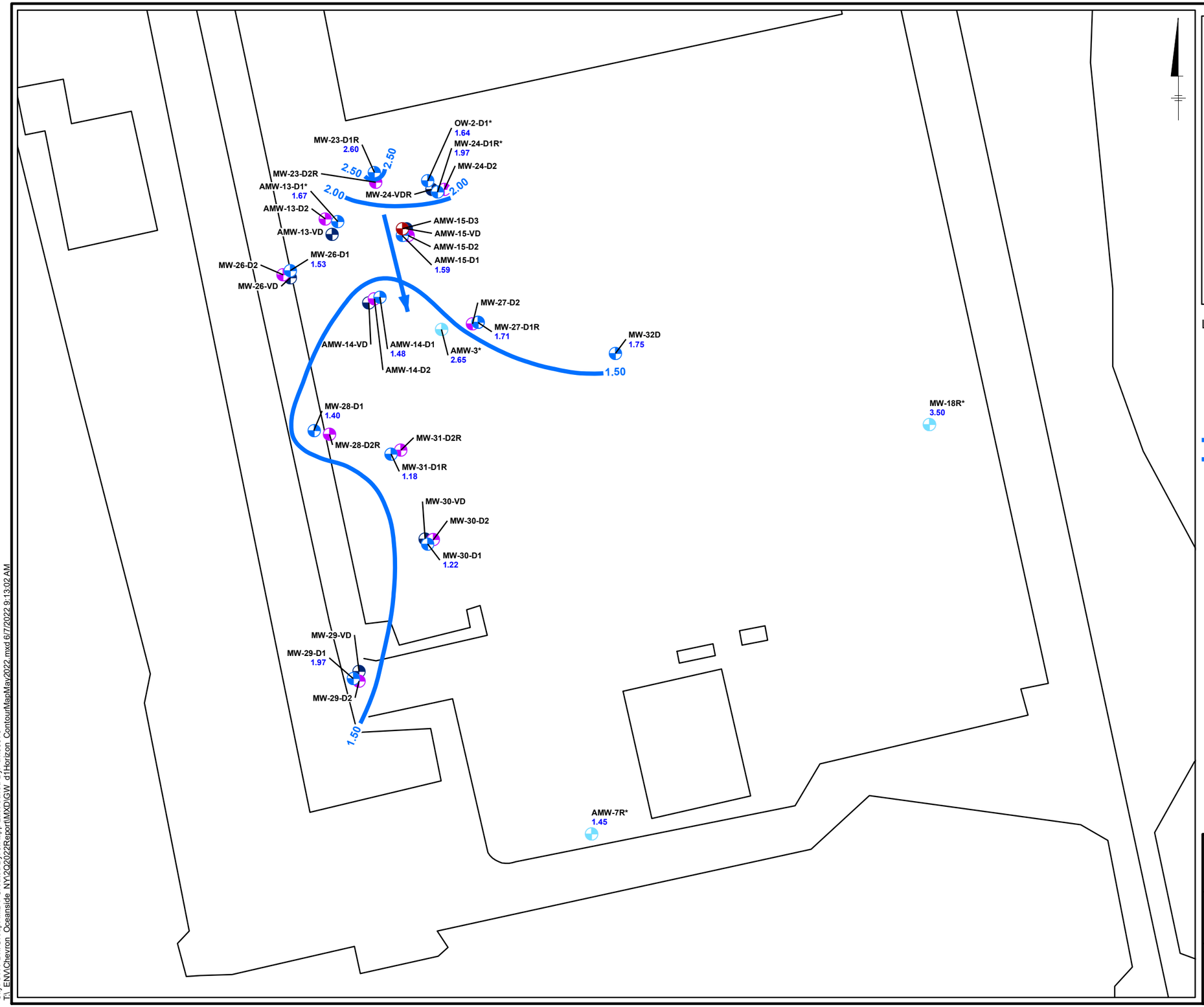

SITE LOCATION

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
- 1.75 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 3.50* 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 MAY 04, 2022

ARCADIS

FIGURE 3

MW-23-D1R
OW-2-D1
MW-24-D1R
MW-24-D2
1.61
MW-23-D2R
1.68
MW-24-VDR
AMW-13-D1
AMW-13-D2
1.56
AMW-15-D3
AMW-15-VD
AMW-15-D2
1.58
AMW-13-VD
AMW-15-D1
MW-26-D1
MW-26-D2
1.62
MW-26-VD
1.50
1.50
AMW-14-VD
AMW-14-D1
AMW-14-D2*
0.47
AMW-3
MW-27-D1R
MW-27-D2*
1.87
MW-32D
MW-18R
MW-28-D1
1.30
MW-31-D2R
1.28
MW-28-D2R
1.37
MW-31-D1R
1.30
MW-30-D2
1.27
MW-30-VD
MW-30-D1
MW-29-D1
MW-29-VD
MW-29-D2*
2.01
AMW-7R

New York

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
- 1.61 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 2.01* 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

D2 HORIZON GROUNDWATER CONTOUR MAP MAY 04, 2022

ARCADIS

FIGURE 4

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: ski01076
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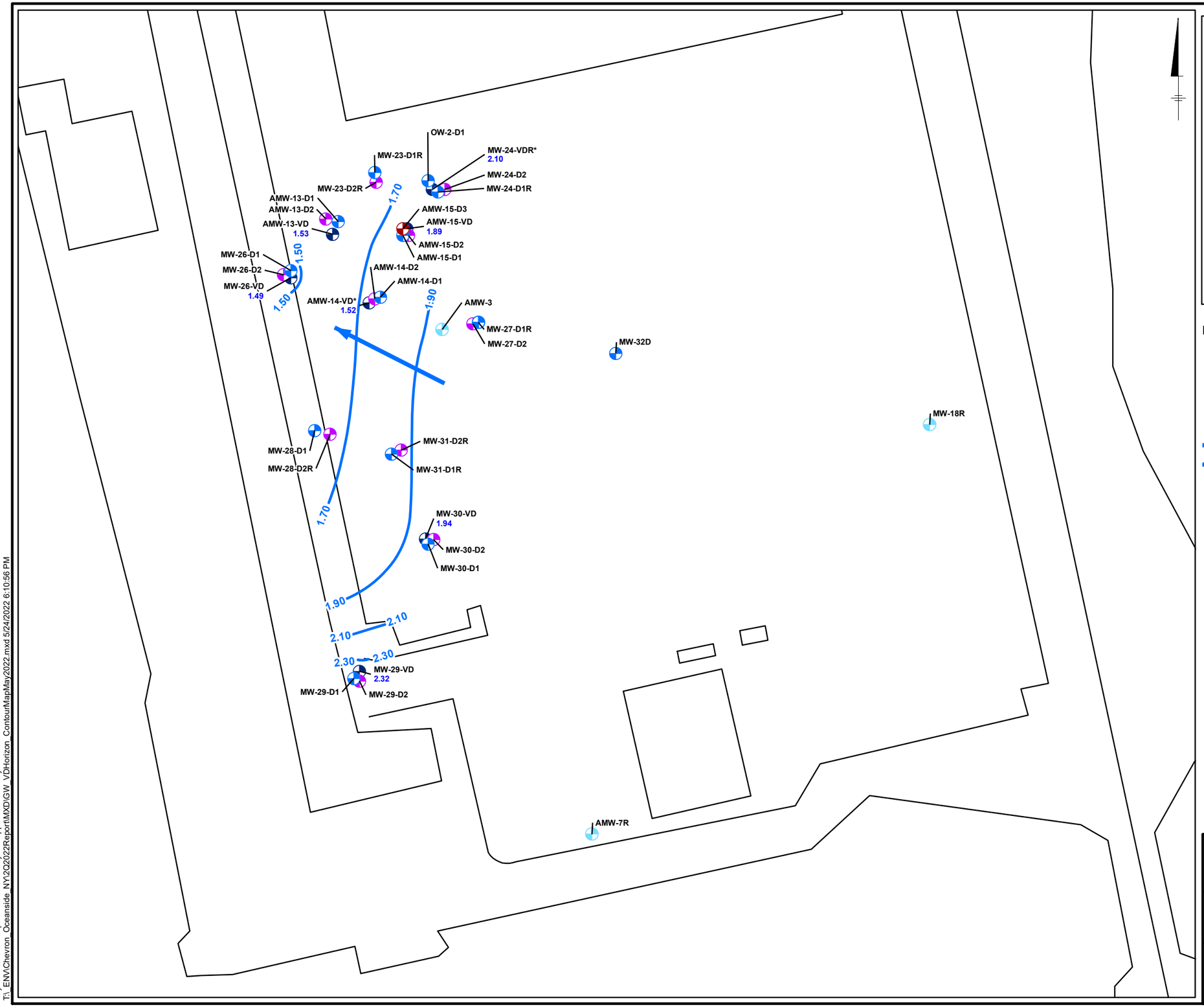


SITE LOCATION

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
- 1.89 GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- 2.10* 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

VD HORIZON GROUNDWATER CONTOUR MAP MAY 04, 2022

ARCADIS

FIGURE 5

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: ski01076
T:_ENV\Chevron_Oceanside_NY\2022\2022Report\MXD\GW_VDHorizon_ContourMapMay2022.mxd 5/24/2022 6:10:56 PM

Sample ID	MW-23-D2R
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**23.5**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-26-D1
Sample Date	05/05/2022
Benzene	**8.67**
Ethylbenzene	**2.39**
Methyl t-butyl ether	**68.9**
trans-1,2-Dichloroethene	**0.887 J**
Vinyl Chloride (Chloroethene)	**4.64**
Xylene (total)	**6.03**
cis-1,2-Dichloroethene	<1.00 C3
Trichloroethene	<1.00

Sample ID	AMW-14-D2
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**23.2**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-VD
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**0.217 J**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-D1
Sample Date	05/05/2022
Benzene	**4.62**
Ethylbenzene	**4.58**
Methyl t-butyl ether	**124**
trans-1,2-Dichloroethene	**15.9**
Vinyl Chloride (Chloroethene)	**9.17**
Xylene (total)	**2.71 J**
cis-1,2-Dichloroethene	**0.184 C3 J**
Trichloroethene	**0.300 J**

Sample ID	MW-28-D1
Sample Date	05/05/2022
Benzene	**2.96**
Ethylbenzene	**1.47**
Methyl t-butyl ether	**5.26**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	**1.65 J**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-28-D2R
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**0.418 J**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-23-D1R
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**64.9**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.215 C3 J**
Trichloroethene	<1.00

Sample ID	MW-24-D1R
Sample Date	05/04/2022
Benzene	**11.2 [12.1]**
Ethylbenzene	**7.81 [8.33]**
Methyl t-butyl ether	**180 [196]**
trans-1,2-Dichloroethene	**12.0 [11.9]**
Vinyl Chloride (Chloroethene)	**0.623 J** [<1.00]
Xylene (total)	**15.5 [15.1]**
cis-1,2-Dichloroethene	<1.00 C3 [<1.00]
Trichloroethene	**0.271 J [0.281 J]**

Sample ID	MW-24-D2
Sample Date	05/04/2022
Benzene	**0.559 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	**454**
trans-1,2-Dichloroethene	**0.992 J**
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.464 J**
Trichloroethene	<1.00

Sample ID	AMW-15-VD
Sample Date	05/05/2022
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
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-15-D3
Sample Date	05/05/2022
Benzene	**7.96**
Ethylbenzene	**1.01**
Methyl t-butyl ether	**51.2**
trans-1,2-Dichloroethene	**0.476 J**
Vinyl Chloride (Chloroethene)	**3.94**
Xylene (total)	**2.05 J**
cis-1,2-Dichloroethene	**8.40 C3**
Trichloroethene	**27.9**

Sample ID	AMW-15-D2
Sample Date	05/04/2022
Benzene	**0.427 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	**28.9**
trans-1,2-Dichloroethene	**0.284 J**
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.176 C3 J**
Trichloroethene	<1.00

Sample ID	AMW-15-D1
Sample Date	05/05/2022
Benzene	**2.06**
Ethylbenzene	**1.61**
Methyl t-butyl ether	**51.2**
trans-1,2-Dichloroethene	**0.796 J**
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	**0.309 J**
cis-1,2-Dichloroethene	<1.00 C3
Trichloroethene	<1.00

Sample ID	MW-18R
Sample Date	05/05/2022
Benzene	**11.7**
Ethylbenzene	**0.826 J**
Methyl t-butyl ether	**0.295 J**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	**5.55**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-27-D1R
Sample Date	05/05/2022
Benzene	**2.90**
Ethylbenzene	**0.394 J**
Methyl t-butyl ether	**19.1**
trans-1,2-Dichloroethene	**2.11**
Vinyl Chloride (Chloroethene)	**27.9**
Xylene (total)	**0.846 J**
cis-1,2-Dichloroethene	**0.724 C3 J**
Trichloroethene	**0.260 J**

Sample ID	MW-27-D2R
Sample Date	05/05/2022
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
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-29-D1
Sample Date	05/05/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl t-butyl ether	**33.0**
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00 C3
Trichloroethene	<1.00

Sample ID	AMW-7R
Sample Date	05/05/2022
Benzene	**0.395 J**
Ethylbenzene	<1.00
Methyl t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl Chloride (Chloroethene)	<1.00
Xylene (total)	**0.285 J**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

COSTCO BUILDING

COSTCO SERVICE STATION

OW-2-D1, MW-23-D1R, MW-23-D2R, MW-24-D2, MW-24-D1R, MW-24-VDR, AMW-13-D1, AMW-13-D2, AMW-13-VD, AMW-15-VD, AMW-15-D3, AMW-15-D1, AMW-15-D2, MW-26-D2, MW-26-D1, MW-26-VD, AMW-14-D2, AMW-14-D1, AMW-14-VD, MW-27-D2, MW-27-D1R, AMW-3, MW-32D, MW-18R, MW-28-D1, MW-28-D2R, MW-31-D2R, MW-31-D1R, MW-30-VD, MW-30-D2, MW-30-D1, MW-29-VD, MW-29-D1, MW-29-D2, AMW-7R

0 70 140 Feet

GRAPHIC SCALE

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
cis-1,2-Dichloroethene	5 ug/L
Trichloroethene	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
C3 = THE REPORTED CONCENTRATION IS AN ESTIMATE. THE CONTINUING CALIBRATION STANDARD ASSOCIATED WITH THIS DATA RESPONDED LOW. METHOD SENSITIVITY CHECK IS ACCEPTABLE.
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.
[ ] = DUPLICATE ANALYSIS RESULTS
< = LESS THAN INDICATED REPORTING LIMIT

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS MAY 04 AND 05, 2022

ARCADIS

FIGURE 6

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: Sharmayh4948
T:_ENVChevron_Oceanside_NY\2O2022ReportMXD\Fig6_Site_AnalyticalData_May2022.mxd 6/27/2022 10:41:19 AM

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	5/4/22	2	12.42	9.05	6.40	12.38	
AMW-13-D1	5/4/22	2	34.01	9.87	8.20	32.90	
AMW-13-D2	5/4/22	2	43.95	9.76	8.20	42.79	
AMW-13-VD	5/4/22	2	71.82	9.77	7.90	70.40	
OW-2-D1	5/4/22	2	33.95	9.94	8.30	33.66	
MW-26-VD	5/4/22	2	68.25	9.99	8.50	67.80	Need Plug
MW-29-D2	5/4/22	2	39.82	5.38	3.37	37.72	
MW-29-VD	5/4/22	2	67.22	5.27	2.95	59.71	
MW-30-D1	5/4/22	2	30	8.74	7.52	29.84	
MW-30-D2	5/4/22	2	46.63	8.72	7.45	40.26	
MW-30-VD	5/4/22	4	83.40	8.70	6.76	82.53	
MW-31-D1R	5/4/22	2	30.04	8.39	7.21	29.98	
MW-31-D2R	5/4/22	2	45.15	8.35	7.07	45.87	
MW-32D	5/4/22	2	37.45	8.85	7.10	35.98	
MW-27-D2	5/4/22	2	46.97	9.09	7.22	46.22	
MW-28-D2R	5/4/22	2	46.69	8.40	7.03	46.23	
MW-24-D2	5/4/22	2	42.20	10.00	8.39	41.70	
MW-24-VDR	5/4/22	2	73.98	9.72	7.62	69.54	No Hydra
AMW-15-VD	5/4/22	2	72.15	9.82	7.93	71.45	
AMW-7R	5/4/22	2	14.42	9.95	8.50	13.86	
AMW-14-VD	5/4/22	2	75.61	9.25	7.73	73.90	
AMW-14-D2	5/4/22	2	43.17	9.37	8.90	42.55	
MW-28-D1	5/4/22	2	30.38	8.25	6.85	30.42	
MW-26-D2	5/4/22	2	43.76	9.40	7.78	8.50	OBStruction No hydrasleeve
MW-23-D2R	5/4/22	2	44.63	10.52	8.84	45.01	
AMW-15-D2	5/4/22	2	36.2	9.71	8.13	39.93	
AMW-15-D3	5/4/22	2	48.6	9.81	8.14	48.45	
MW-23-D1R	5/4/22	2	25.78	9.84	8.24	26.03	
AMW-15-D1	5/4/22	2	36.2	9.74	8.15	35.67	
MW-27-D1R	5/4/22	2	32.99	9.01	7.30	27.62	No hydra
MW-26-D1	5/4/22	2	28.8	9.95	8.42	29.64	
MW-29-D1	5/4/22	2	23.45	5.21	3.24	23.25	
MW-18R	5/4/22	2	10.17	7.98	4.48	9.93	
AMW-14-D1	5/4/22	2	33.15	9.38	7.90	32.65	
MW-24-D1R	5/4/22	2	32.23	9.82	7.85	30.52	BD

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

MW-26-VD - Missing Bolt (Allen Key Bolt)
MW-26-D2 - No Well Lid (cover)

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

MANAGER

ARCADIS

Project Name: Chevron Oceanside

Field Personnel: KV / AB

Date: 5/4/22 –

Weather:

	Well ID	Time	pH	Temp (dep C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mV)	Notes
5/4	MW-24-D1R ✓	~~23~~10	7.15	13.90	7.911	2.28	-330.0	BD
5/4	MW-24-D2 ✓	~~23~~25	7.54	13.75	10.95	1.70	-321.1	
—	MW-24-VDR	~~1145~~ NS						No Hydrasleeve in well.
5/4	AMW-15-D2 ✓	2350	9.72	14.71	6.168	3.63	-301.6	
5/5	AMW-15-VD ✓	0020	9.56	14.95	1.365	5.61	-276.6	
	AMW-15-D3 ✓	0050	12.03	14.56	3.770	3.63	-418.1	
	AMW-15-D1 ✓	0110	8.47	14.61	6.675	3.32	-282.2	
	MW-23-D2R ✓	0130	7.47	13.84	6.585	2.42	-266.8	
5/5	MW-23-D1R ✓	0150	7.52	13.96	6.486	3.67	-246.0	
	MW-18R ✓	1925	10.25	14.72	2.059	1.41	-235.2	
	AMW-7R ✓	1955	7.71	12.99	1.367	3.82	-189.3	
	MW-28-D1 ✓	2020	7.53	12.98	2.639	4.74	-119.5	Missing Bolts (Allen Key Bolts)
	MW-28-D2R ✓	2040	7.53	13.24	3.577	6.74	-115.2	
	AMW-14-VD ✓	2100	6.72	14.37	41.18	4.37	-84.7	
	AMW-14-D2 ✓	2120	7.12	13.58	16.14	5.62	-288.8	
	AMW-14-D1 ✓	2140	7.13	13.37	11.52	8.46	-345.6	
	MW-26-D1 ✓	2200	7.09	12.28	7.730	3.55	-318.9	
	MW-27-D1R ✓	2310	7.01	13.46	12.35	7.04	-336.9	
	MW-27-D2 ✓	2330	6.54	13.70	24.35	2.82	-234.5	
	MW-29-D1	2345	6.96	13.38	4.040	6.62	-304.3	

Attachment 2

Laboratory Analytical Report

ANALYTICAL REPORT

May 31, 2022

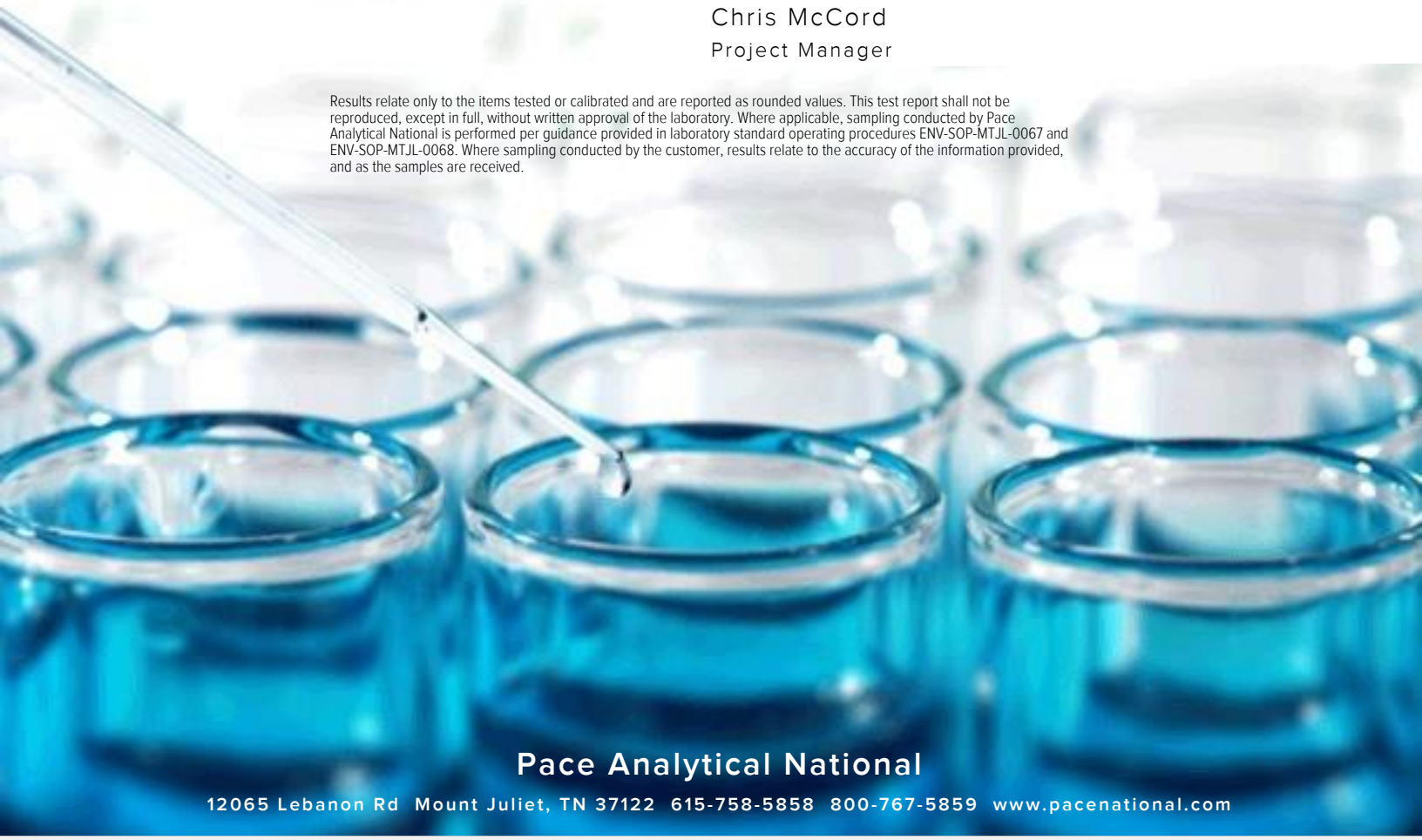
Arcadis - Chevron - NY

Sample Delivery Group:	L1490875
Samples Received:	05/07/2022
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.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW-27-D2-W-220505 L1490875-01 GW

Collected by: KV / AB
Collected date/time: 05/05/22 23:30
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1862674	1	05/21/22 16:51	05/21/22 16:51	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:33	05/18/22 16:33	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 16:51	05/21/22 16:51	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1866729	1	05/20/22 00:42	05/20/22 00:42	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:33	05/18/22 16:33	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:03	05/12/22 20:03	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	10	05/24/22 00:31	05/24/22 00:31	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	100	05/24/22 00:47	05/24/22 00:47	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1867120	1	05/22/22 02:17	05/22/22 02:17	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	1	05/13/22 09:38	05/13/22 18:54	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	5	05/13/22 09:38	05/16/22 20:57	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:24	05/16/22 09:24	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 01:44	05/12/22 01:44	DWR	Mt. Juliet, TN

MW-28-D2R-W-220505 L1490875-02 GW

Collected by: KV / AB
Collected date/time: 05/05/22 20:40
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1862674	1	05/21/22 16:52	05/21/22 16:52	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:40	05/18/22 16:40	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 16:52	05/21/22 16:52	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1866729	10	05/20/22 00:46	05/20/22 00:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:40	05/18/22 16:40	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:04	05/12/22 20:04	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	100	05/24/22 01:51	05/24/22 01:51	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	20	05/24/22 01:35	05/24/22 01:35	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 17:37	05/26/22 17:37	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	1	05/13/22 09:38	05/13/22 17:33	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	5	05/13/22 09:38	05/16/22 21:00	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:29	05/16/22 09:29	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 02:03	05/12/22 02:03	DWR	Mt. Juliet, TN

MW-24-D2-W-220504 L1490875-03 GW

Collected by: KV / AB
Collected date/time: 05/04/22 23:25
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1862674	1	05/21/22 16:53	05/21/22 16:53	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:43	05/18/22 16:43	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 16:53	05/21/22 16:53	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1866729	10	05/20/22 00:48	05/20/22 00:48	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:43	05/18/22 16:43	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1865619	1	05/18/22 22:34	05/18/22 22:34	JAR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	10	05/24/22 02:07	05/24/22 02:07	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	100	05/24/22 02:23	05/24/22 02:23	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/26/22 17:55	05/26/22 17:55	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	1	05/13/22 09:38	05/13/22 17:36	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1862674	5	05/13/22 09:38	05/16/22 21:03	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:32	05/16/22 09:32	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 02:22	05/12/22 02:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862769	5	05/12/22 12:04	05/12/22 12:04	ADM	Mt. Juliet, TN

AMW-15-VD-W-220505 L1490875-04 GW

Collected by: KV / AB
Collected date/time: 05/05/22 00:20
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/21/22 16:54	05/21/22 16:54	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:47	05/18/22 16:47	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 16:54	05/21/22 16:54	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	1	05/20/22 20:13	05/20/22 20:13	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:47	05/18/22 16:47	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:04	05/12/22 20:04	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	100	05/24/22 02:39	05/24/22 02:39	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868224	500	05/24/22 02:55	05/24/22 02:55	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 18:11	05/26/22 18:11	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:07	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	10	05/13/22 13:26	05/17/22 04:21	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:35	05/16/22 09:35	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 02:42	05/12/22 02:42	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862769	1	05/12/22 11:44	05/12/22 11:44	ADM	Mt. Juliet, TN

AMW-7R-W-220505 L1490875-05 GW

Collected by: KV / AB
Collected date/time: 05/05/22 19:55
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/21/22 16:55	05/21/22 16:55	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:51	05/18/22 16:51	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 16:55	05/21/22 16:55	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	1	05/20/22 20:14	05/20/22 20:14	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:51	05/18/22 16:51	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:12	05/12/22 20:12	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	5	05/25/22 01:13	05/25/22 01:13	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 18:32	05/26/22 18:32	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:10	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:37	05/16/22 09:37	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 03:01	05/12/22 03:01	DWR	Mt. Juliet, TN

AMW-14-VD-W-220505 L1490875-06 GW

Collected by: KV / AB
Collected date/time: 05/05/22 21:00
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/21/22 16:56	05/21/22 16:56	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:55	05/18/22 16:55	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 16:56	05/21/22 16:56	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	1	05/20/22 20:15	05/20/22 20:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:55	05/18/22 16:55	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:12	05/12/22 20:12	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 01:26	05/25/22 01:26	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	500	05/25/22 02:04	05/25/22 02:04	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 19:40	05/26/22 19:40	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:13	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	10	05/13/22 13:26	05/17/22 04:23	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:40	05/16/22 09:40	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 03:20	05/12/22 03:20	DWR	Mt. Juliet, TN

AMW-14-D2-W-220505 L1490875-07 GW

Collected by	Collected date/time	Received date/time
KV / AB	05/05/22 21:20	05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/21/22 16:58	05/21/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 16:58	05/18/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 16:58	05/21/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:16	05/20/22 20:16	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 16:58	05/18/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:12	05/12/22 20:12	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 02:17	05/25/22 02:17	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 02:30	05/25/22 02:30	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 20:04	05/26/22 20:04	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:16	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	5	05/13/22 13:26	05/17/22 04:26	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:42	05/16/22 09:42	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 03:40	05/12/22 03:40	DWR	Mt. Juliet, TN

MW-28-D1-W-220505 L1490875-08 GW

Collected by	Collected date/time	Received date/time
KV / AB	05/05/22 20:20	05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/16/22 19:19	05/16/22 19:19	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:02	05/18/22 17:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	1	05/09/22 16:17	05/09/22 16:17	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	5	05/20/22 20:18	05/20/22 20:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:02	05/18/22 17:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:13	05/12/22 20:13	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	20	05/25/22 02:56	05/25/22 02:56	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	5	05/25/22 02:43	05/25/22 02:43	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 21:27	05/26/22 21:27	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:19	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:46	05/16/22 09:46	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 03:59	05/12/22 03:59	DWR	Mt. Juliet, TN

MW-18R-W-220505 L1490875-09 GW

Collected by	Collected date/time	Received date/time
KV / AB	05/05/22 19:25	05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/16/22 19:22	05/16/22 19:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:12	05/18/22 17:12	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	10	05/09/22 16:17	05/09/22 16:17	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	5	05/20/22 20:19	05/20/22 20:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:12	05/18/22 17:12	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:14	05/12/22 20:14	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	5	05/25/22 08:58	05/25/22 08:58	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/26/22 22:08	05/26/22 22:08	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:22	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:49	05/16/22 09:49	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1864429	10	05/16/22 15:12	05/16/22 15:12	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 04:18	05/12/22 04:18	DWR	Mt. Juliet, TN

BD-W-220504 L1490875-10 GW

Collected by: KV / AB
Collected date/time: 05/05/22 00:00
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863226	1	05/21/22 16:58	05/21/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:20	05/18/22 17:20	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 16:58	05/21/22 16:58	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:20	05/20/22 20:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:20	05/18/22 17:20	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:14	05/12/22 20:14	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 03:21	05/25/22 03:21	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 03:34	05/25/22 03:34	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/26/22 22:25	05/26/22 22:25	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	1	05/13/22 13:26	05/16/22 19:25	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863226	5	05/13/22 13:26	05/17/22 04:29	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 09:57	05/16/22 09:57	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 05:08	05/12/22 05:08	DWR	Mt. Juliet, TN

FB-W-220505 L1490875-11 GW

Collected by: KV / AB
Collected date/time: 05/05/22 02:00
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 11:33	05/16/22 11:33	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:24	05/18/22 17:24	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	1	05/09/22 16:19	05/09/22 16:19	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	1	05/20/22 20:25	05/20/22 20:25	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:24	05/18/22 17:24	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:15	05/12/22 20:15	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	1	05/25/22 04:16	05/25/22 04:16	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 22:37	05/26/22 22:37	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:33	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:27	05/16/22 10:27	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 00:07	05/12/22 00:07	DWR	Mt. Juliet, TN

FB-W-220504 L1490875-12 GW

Collected by: KV / AB
Collected date/time: 05/04/22 23:55
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 11:35	05/16/22 11:35	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:30	05/18/22 17:30	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	1	05/09/22 16:20	05/09/22 16:20	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	1	05/20/22 20:27	05/20/22 20:27	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:30	05/18/22 17:30	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1865619	1	05/18/22 22:35	05/18/22 22:35	JAR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	1	05/25/22 04:29	05/25/22 04:29	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 22:50	05/26/22 22:50	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:35	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:30	05/16/22 10:30	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 00:26	05/12/22 00:26	DWR	Mt. Juliet, TN

TB-W-220504 L1490875-13 GW

Collected by: KV / AB
Collected date/time: 05/04/22 00:00
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/11/22 23:29	05/11/22 23:29	DWR	Mt. Juliet, TN

MW-23-D2R-W-220505 L1490875-14 GW

Collected by: KV / AB
Collected date/time: 05/05/22 01:30
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 10:51	05/16/22 10:51	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:42	05/18/22 17:42	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	10	05/09/22 16:20	05/09/22 16:20	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	5	05/20/22 20:32	05/20/22 20:32	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:42	05/18/22 17:42	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:15	05/12/22 20:15	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 05:33	05/25/22 05:33	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 05:46	05/25/22 05:46	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/26/22 23:54	05/26/22 23:54	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 10:51	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:24	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:43	05/16/22 10:43	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1862607	1	05/12/22 05:28	05/12/22 05:28	DWR	Mt. Juliet, TN

AMW-15-D2-W-220504 L1490875-15 GW

Collected by: KV / AB
Collected date/time: 05/04/22 23:50
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 11:38	05/16/22 11:38	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:45	05/18/22 17:45	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	10	05/09/22 16:21	05/09/22 16:21	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:33	05/20/22 20:33	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:45	05/18/22 17:45	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1865619	1	05/18/22 22:36	05/18/22 22:36	JAR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 05:58	05/25/22 05:58	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 06:11	05/25/22 06:11	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/27/22 00:51	05/27/22 00:51	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:38	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:27	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:45	05/16/22 10:45	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 17:36	05/14/22 17:36	BMB	Mt. Juliet, TN

AMW-15-D3-W-220505 L1490875-16 GW

Collected by: KV / AB
Collected date/time: 05/05/22 00:50
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/21/22 16:59	05/21/22 16:59	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 17:53	05/18/22 17:53	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 16:59	05/21/22 16:59	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:34	05/20/22 20:34	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 17:53	05/18/22 17:53	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:15	05/12/22 20:15	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 06:24	05/25/22 06:24	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/27/22 01:12	05/27/22 01:12	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:41	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:30	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:48	05/16/22 10:48	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 17:56	05/14/22 17:56	BMB	Mt. Juliet, TN

MW-23-D1R-W-220505 L1490875-17 GW

Collected by: KV / AB
Collected date/time: 05/05/22 01:50
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/21/22 16:59	05/21/22 16:59	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 18:00	05/18/22 18:00	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 16:59	05/21/22 16:59	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:35	05/20/22 20:35	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 18:00	05/18/22 18:00	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:15	05/12/22 20:15	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	10	05/25/22 06:50	05/25/22 06:50	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868475	100	05/25/22 07:02	05/25/22 07:02	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	1	05/27/22 01:38	05/27/22 01:38	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:44	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:33	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:52	05/16/22 10:52	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 18:16	05/14/22 18:16	BMB	Mt. Juliet, TN

AMW-15-D1-W-220505 L1490875-18 GW

Collected by: KV / AB
Collected date/time: 05/05/22 01:10
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 18:10	05/18/22 18:10	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:37	05/20/22 20:37	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 18:10	05/18/22 18:10	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:15	05/12/22 20:15	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	10	05/25/22 02:24	05/25/22 02:24	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	100	05/25/22 02:40	05/25/22 02:40	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/27/22 01:55	05/27/22 01:55	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:52	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:35	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:54	05/16/22 10:54	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 18:37	05/14/22 18:37	BMB	Mt. Juliet, TN

MW-27-D1R-W-220505 L1490875-19 GW

Collected by: KV / AB
Collected date/time: 05/05/22 23:10
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 18:14	05/18/22 18:14	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	1	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:42	05/20/22 20:42	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 18:14	05/18/22 18:14	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:16	05/12/22 20:16	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	10	05/25/22 02:55	05/25/22 02:55	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	100	05/25/22 03:11	05/25/22 03:11	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/27/22 02:10	05/27/22 02:10	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:55	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:38	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 10:57	05/16/22 10:57	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 18:57	05/14/22 18:57	BMB	Mt. Juliet, TN

MW-26-D1-W-220505 L1490875-20 GW

Collected by: KV / AB
Collected date/time: 05/05/22 22:00
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 11:58	05/16/22 11:58	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864930	1	05/18/22 18:18	05/18/22 18:18	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	1	05/09/22 16:22	05/09/22 16:22	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:43	05/20/22 20:43	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864930	1	05/18/22 18:18	05/18/22 18:18	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:16	05/12/22 20:16	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	10	05/25/22 03:27	05/25/22 03:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	100	05/25/22 03:43	05/25/22 03:43	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/27/22 02:26	05/27/22 02:26	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 11:58	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:41	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 11:04	05/16/22 11:04	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 19:17	05/14/22 19:17	BMB	Mt. Juliet, TN

MW-29-D1-W-220505 L1490875-21 GW

Collected by: KV / AB
Collected date/time: 05/05/22 23:45
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1866270	1	05/19/22 13:15	05/19/22 13:15	JAR	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861417	5	05/21/22 17:01	05/21/22 17:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:44	05/20/22 20:44	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1866270	1	05/19/22 13:15	05/19/22 13:15	JAR	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862541	1	05/12/22 20:17	05/12/22 20:17	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	1	05/25/22 03:59	05/25/22 03:59	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	20	05/25/22 05:03	05/25/22 05:03	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868264	5	05/27/22 02:42	05/27/22 02:42	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 12:00	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1863061	1	05/16/22 11:10	05/16/22 11:10	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 19:37	05/14/22 19:37	BMB	Mt. Juliet, TN

AMW-14-D1-W-220505 L1490875-22 GW

Collected by: KV / AB
Collected date/time: 05/05/22 21:40
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863791	1	05/16/22 12:03	05/16/22 12:03	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864934	1	05/18/22 13:09	05/18/22 13:09	EPW	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1861043	1	05/09/22 16:22	05/09/22 16:22	SMW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:46	05/20/22 20:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864934	1	05/18/22 13:09	05/18/22 13:09	EPW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1862542	1	05/13/22 02:36	05/13/22 02:36	CRB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	10	05/25/22 05:19	05/25/22 05:19	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	100	05/25/22 05:35	05/25/22 05:35	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868265	5	05/23/22 19:50	05/23/22 19:50	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	1	05/15/22 16:05	05/16/22 12:03	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863791	5	05/15/22 16:05	05/16/22 15:44	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1864281	1	05/16/22 11:37	05/16/22 11:37	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 19:57	05/14/22 19:57	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-24-D1R-W-220504 L1490875-23 GW

Collected by: KV / AB
Collected date/time: 05/04/22 23:10
Received date/time: 05/07/22 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1863792	1	05/26/22 16:08	05/26/22 16:08	AW	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1864934	1	05/18/22 13:13	05/18/22 13:13	EPW	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1869699	10	05/26/22 16:08	05/26/22 16:08	AW	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1867235	10	05/20/22 20:47	05/20/22 20:47	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1864934	1	05/18/22 13:13	05/18/22 13:13	EPW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1865619	1	05/18/22 22:37	05/18/22 22:37	JAR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	10	05/25/22 05:50	05/25/22 05:50	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1868480	100	05/25/22 06:06	05/25/22 06:06	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1868265	5	05/23/22 20:09	05/23/22 20:09	VRP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863792	1	05/16/22 12:24	05/17/22 17:51	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1863792	5	05/16/22 12:24	05/18/22 15:32	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1864281	1	05/16/22 11:39	05/16/22 11:39	DBB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1863855	1	05/14/22 20:18	05/14/22 20:18	BMB	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
WG1861043	3500Fe B-2011	L1490875-08, 09, 11, 12, 14, 15, 20, 22
WG1861417	3500Fe B-2011	L1490875-01, 02, 03, 04, 05, 06, 07, 10, 16, 17, 18, 19, 21
WG1864930	4500CO2 D-2011	L1490875-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20
WG1864934	4500CO2 D-2011	L1490875-22, 23
WG1866270	4500CO2 D-2011	L1490875-21
WG1869699	3500Fe B-2011	L1490875-23

Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG1862541	4500S2 D-2011	L1490875-04, 05, 09, 10, 11, 14, 16, 17, 18
WG1862542	4500S2 D-2011	L1490875-22
WG1865619	4500S2 D-2011	L1490875-03, 12, 15, 23

Wet Chemistry by Method 3500Fe B-2011

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG1861417	(MS) R3794532-4, (MSD) R3794532-5	Ferrous Iron
WG1869699	(MS) R3796588-4, (MSD) R3796588-5	Ferrous Iron

Wet Chemistry by Method 4500CO2 D-2011

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG1864930	(DUP) R3793554-7, L1490875-12	Free Carbon Dioxide

Wet Chemistry by Method 9056A

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG1868480	L1490875-21	Chloride

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG1868224	(MS) R3795155-4, (MSD) R3795155-5	Chloride
WG1868480	(MS) R3795803-4, L1490875-21	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG1867120	TOC (Total Organic Carbon)	L1490875-01
WG1868264	TOC (Total Organic Carbon)	L1490875-11, 12, 19, 21
WG1868265	TOC (Total Organic Carbon)	L1490875-22

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG1863226	(MS) R3792446-4, (MSD) R3792446-5	Sodium
WG1863791	(MS) R3792279-4, (MSD) R3792279-5	Sodium
WG1863792	(MSD) R3792942-5	Sodium

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
WG1862607	L1490875-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-08	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-09	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-10	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-11	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-12	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-13	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1862607	L1490875-14	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichlorofluoromethane
WG1863855	L1490875-15	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-16	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-17	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-18	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene

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
WG1863855	L1490875-19	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-20	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-21	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-22	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene
WG1863855	L1490875-23	1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Carbon disulfide, cis-1,2-Dichloroethene and Tetrachloroethene

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

Batch	Lab Sample ID	Analytes
WG1862607	(LCS) R3790900-1, (LCSD) R3790900-2, L1490875-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14	Trichlorofluoromethane

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	5560		18.0	100	1	05/21/2022 16:51	WG1862674

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	274000		8450	20000	1	05/18/2022 16:33	WG1864930

Sample Narrative:
L1490875-01 WG1864930: 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	8780	T8	75.0	250	5	05/21/2022 16:51	WG1861417

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	69.8	J	50.0	100	1	05/20/2022 00:42	WG1866729

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	85500	B T8	20000	1	05/18/2022 16:33	WG1864930

Sample Narrative:
L1490875-01 WG1864930: 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	05/12/2022 20:03	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5610000		37900	100000	100	05/24/2022 00:47	WG1868224
Sulfate	713000		5940	50000	10	05/24/2022 00:31	WG1868224

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)	6280	B	102	1000	1	05/22/2022 02:17	WG1867120

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	14300		18.0	100	1	05/13/2022 18:54	WG1862674
Manganese	1710		0.934	10.0	1	05/13/2022 18:54	WG1862674
Sodium	4710000		2520	15000	5	05/16/2022 20:57	WG1862674

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	411		2.91	10.0	1	05/16/2022 09:24	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:24	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:24	WG1863061

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	05/12/2022 01:44	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 01:44	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 01:44	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 01:44	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 01:44	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 01:44	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 01:44	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 01:44	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 01:44	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 01:44	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 01:44	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 01:44	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 01:44	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 01:44	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 01:44	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 01:44	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 01:44	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 01:44	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 01:44	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 01:44	WG1862607
1,1-Dichloroethane	0.204	J	0.100	1.00	1	05/12/2022 01:44	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 01:44	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 01:44	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 01:44	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 01:44	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 01:44	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 01:44	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 01:44	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 01:44	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 01:44	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 01:44	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 01:44	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 01:44	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 01:44	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 01:44	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 01:44	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/12/2022 01:44	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 01:44	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 01:44	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 01:44	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 01:44	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 01:44	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 01:44	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 01:44	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 01:44	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 01:44	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 01:44	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 01:44	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 01:44	WG1862607

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	05/12/2022 01:44	WG1862607
(S) Toluene-d8	*107*			*80.0-120*		*05/12/2022 01:44*	WG1862607
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*05/12/2022 01:44*	WG1862607
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*05/12/2022 01:44*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1400		15.0	50.0	1	05/21/2022 16:52	WG1862674

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	434000		8450	20000	1	05/18/2022 16:40	WG1864930

Sample Narrative:
L1490875-02 WG1864930: 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	199	T8	15.0	50.0	1	05/21/2022 16:52	WG1861417

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	05/20/2022 00:46	WG1866729

Sample Narrative:
L1490875-02 WG1866729: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	123000	B T8	20000	1	05/18/2022 16:40	WG1864930

Sample Narrative:
L1490875-02 WG1864930: 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	05/12/2022 20:04	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5580000		37900	100000	100	05/24/2022 01:51	WG1868224
Sulfate	623000		11900	100000	20	05/24/2022 01:35	WG1868224

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)	8100		102	1000	1	05/26/2022 17:37	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1600		18.0	100	1	05/13/2022 17:33	WG1862674
Manganese	244		0.934	10.0	1	05/13/2022 17:33	WG1862674

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2210000		2520	15000	5	05/16/2022 21:00	WG1862674

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	666		2.91	10.0	1	05/16/2022 09:29	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:29	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:29	WG1863061

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	05/12/2022 02:03	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 02:03	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 02:03	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 02:03	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 02:03	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 02:03	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 02:03	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 02:03	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 02:03	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 02:03	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 02:03	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 02:03	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 02:03	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 02:03	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 02:03	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 02:03	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 02:03	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 02:03	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 02:03	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 02:03	WG1862607
1,1-Dichloroethane	0.672	J	0.100	1.00	1	05/12/2022 02:03	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 02:03	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 02:03	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 02:03	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 02:03	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 02:03	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 02:03	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 02:03	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 02:03	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 02:03	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 02:03	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 02:03	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 02:03	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 02:03	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 02:03	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 02:03	WG1862607
Methyl tert-butyl ether	0.418	J	0.101	1.00	1	05/12/2022 02:03	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 02:03	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 02:03	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 02:03	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 02:03	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 02:03	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 02:03	WG1862607

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	05/12/2022 02:03	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 02:03	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 02:03	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 02:03	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 02:03	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 02:03	WG1862607
Xylenes, Total	U		0.174	3.00	1	05/12/2022 02:03	WG1862607
(S) Toluene-d8	*111*			*80.0-120*		*05/12/2022 02:03*	WG1862607
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*05/12/2022 02:03*	WG1862607
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*05/12/2022 02:03*	WG1862607

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	05/21/2022 16:53	WG1862674

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	752000		8450	20000	1	05/18/2022 16:43	WG1864930

Sample Narrative:
L1490875-03 WG1864930: 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	8050	T8	75.0	250	5	05/21/2022 16:53	WG1861417

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	05/20/2022 00:48	WG1866729

Sample Narrative:
L1490875-03 WG1866729: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	51200	B T8	20000	1	05/18/2022 16:43	WG1864930

Sample Narrative:
L1490875-03 WG1864930: 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	Q	25.0	50.0	1	05/18/2022 22:34	WG1865619

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3770000		37900	100000	100	05/24/2022 02:23	WG1868224
Sulfate	352000		5940	50000	10	05/24/2022 02:07	WG1868224

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)	37100		510	5000	5	05/26/2022 17:55	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	387		18.0	100	1	05/13/2022 17:36	WG1862674
Manganese	65.2		0.934	10.0	1	05/13/2022 17:36	WG1862674

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2200000		2520	15000	5	05/16/2022 21:03	WG1862674

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2540		2.91	10.0	1	05/16/2022 09:32	WG1863061
Ethane	27.6		4.07	13.0	1	05/16/2022 09:32	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:32	WG1863061

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	05/12/2022 02:22	WG1862607
Benzene	0.559	J	0.0941	1.00	1	05/12/2022 02:22	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 02:22	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 02:22	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 02:22	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 02:22	WG1862607
Carbon disulfide	0.415	J	0.0962	1.00	1	05/12/2022 02:22	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 02:22	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 02:22	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 02:22	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 02:22	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 02:22	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 02:22	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 02:22	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 02:22	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 02:22	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 02:22	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 02:22	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 02:22	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 02:22	WG1862607
1,1-Dichloroethane	0.594	J	0.100	1.00	1	05/12/2022 02:22	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 02:22	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 02:22	WG1862607
cis-1,2-Dichloroethene	0.464	J	0.126	1.00	1	05/12/2022 02:22	WG1862607
trans-1,2-Dichloroethene	0.992	J	0.149	1.00	1	05/12/2022 02:22	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 02:22	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 02:22	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 02:22	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 02:22	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 02:22	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 02:22	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 02:22	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 02:22	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 02:22	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 02:22	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 02:22	WG1862607
Methyl tert-butyl ether	454		0.505	5.00	5	05/12/2022 12:04	WG1862769
Styrene	U		0.118	1.00	1	05/12/2022 02:22	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 02:22	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 02:22	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 02:22	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 02:22	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 02:22	WG1862607

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	05/12/2022 02:22	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 02:22	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 02:22	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 02:22	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 02:22	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 02:22	WG1862607
Xylenes, Total	U		0.174	3.00	1	05/12/2022 02:22	WG1862607
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2022 02:22*	WG1862607
(S) Toluene-d8	*114*			*80.0-120*		*05/12/2022 12:04*	WG1862769
(S) 4-Bromofluorobenzene	*96.5*			*77.0-126*		*05/12/2022 02:22*	WG1862607
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*05/12/2022 12:04*	WG1862769
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*05/12/2022 02:22*	WG1862607
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/12/2022 12:04*	WG1862769

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	10200		18.0	100	1	05/21/2022 16:54	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	553000		8450	20000	1	05/18/2022 16:47	WG1864930

Sample Narrative:
L1490875-04 WG1864930: 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	8640	T8	75.0	250	5	05/21/2022 16:54	WG1861417

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	345		50.0	100	1	05/20/2022 20:13	WG1867235

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	25900	B T8	20000	1	05/18/2022 16:47	WG1864930

Sample Narrative:
L1490875-04 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:04	WG1862541

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	05/24/2022 02:55	WG1868224
Sulfate	1900000		59400	500000	100	05/24/2022 02:39	WG1868224

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)	5840		102	1000	1	05/26/2022 18:11	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18800		18.0	100	1	05/16/2022 19:07	WG1863226
Manganese	363		0.934	10.0	1	05/16/2022 19:07	WG1863226
Sodium	8030000		5040	30000	10	05/17/2022 04:21	WG1863226

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	05/16/2022 09:35	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:35	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:35	WG1863061

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	05/12/2022 02:42	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 02:42	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 02:42	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 02:42	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 02:42	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 02:42	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 02:42	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 02:42	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 02:42	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 02:42	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 02:42	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 02:42	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 02:42	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 02:42	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 02:42	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 02:42	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 02:42	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 02:42	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 02:42	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 02:42	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 02:42	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 02:42	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 02:42	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 02:42	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 02:42	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 02:42	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 02:42	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 02:42	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 02:42	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 02:42	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 02:42	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 02:42	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 02:42	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 02:42	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 02:42	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 02:42	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/12/2022 11:44	WG1862769
Styrene	U		0.118	1.00	1	05/12/2022 02:42	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 02:42	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 02:42	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 02:42	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 02:42	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 02:42	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 02:42	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 02:42	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 02:42	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 02:42	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 02:42	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 02:42	WG1862607

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	05/12/2022 02:42	WG1862607
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2022 02:42*	WG1862607
(S) Toluene-d8	*113*			*80.0-120*		*05/12/2022 11:44*	WG1862769
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*05/12/2022 02:42*	WG1862607
(S) 4-Bromofluorobenzene	*115*			*77.0-126*		*05/12/2022 11:44*	WG1862769
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*05/12/2022 02:42*	WG1862607
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/12/2022 11:44*	WG1862769

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1470		15.0	50.0	1	05/21/2022 16:55	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	457000		8450	20000	1	05/18/2022 16:51	WG1864930

Sample Narrative:
L1490875-05 WG1864930: 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	2520	T8	15.0	50.0	1	05/21/2022 16:55	WG1861417

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	05/20/2022 20:14	WG1867235

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	46300	B T8	20000	1	05/18/2022 16:51	WG1864930

Sample Narrative:
L1490875-05 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:12	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	137000		1900	5000	5	05/25/2022 01:13	WG1868475
Sulfate	111000		2970	25000	5	05/25/2022 01:13	WG1868475

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)	15100		102	1000	1	05/26/2022 18:32	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3990		18.0	100	1	05/16/2022 19:10	WG1863226
Manganese	2400		0.934	10.0	1	05/16/2022 19:10	WG1863226
Sodium	92300		504	3000	1	05/16/2022 19:10	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4220		2.91	10.0	1	05/16/2022 09:37	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:37	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:37	WG1863061

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	05/12/2022 03:01	WG1862607
Benzene	0.395	J	0.0941	1.00	1	05/12/2022 03:01	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 03:01	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 03:01	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 03:01	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 03:01	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 03:01	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 03:01	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 03:01	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 03:01	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 03:01	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 03:01	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 03:01	WG1862607
Cyclohexane	2.01		0.188	1.00	1	05/12/2022 03:01	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 03:01	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 03:01	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 03:01	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 03:01	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 03:01	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 03:01	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 03:01	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 03:01	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 03:01	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 03:01	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 03:01	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 03:01	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 03:01	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 03:01	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 03:01	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 03:01	WG1862607
Isopropylbenzene	0.786	J	0.105	1.00	1	05/12/2022 03:01	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 03:01	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 03:01	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 03:01	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 03:01	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 03:01	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/12/2022 03:01	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 03:01	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 03:01	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 03:01	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 03:01	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 03:01	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 03:01	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 03:01	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 03:01	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 03:01	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 03:01	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 03:01	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 03:01	WG1862607

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	0.285	J	0.174	3.00	1	05/12/2022 03:01	WG1862607
(S) Toluene-d8	*103*			*80.0-120*		*05/12/2022 03:01*	WG1862607
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*05/12/2022 03:01*	WG1862607
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*05/12/2022 03:01*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	4670		18.0	100	1	05/21/2022 16:56	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	497000		8450	20000	1	05/18/2022 16:55	WG1864930

Sample Narrative:
L1490875-06 WG1864930: 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	13900	T8	75.0	250	5	05/21/2022 16:56	WG1861417

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	05/20/2022 20:15	WG1867235

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	112000	B T8	20000	1	05/18/2022 16:55	WG1864930

Sample Narrative:
L1490875-06 WG1864930: 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	05/12/2022 20:12	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	15400000		190000	500000	500	05/25/2022 02:04	WG1868475
Sulfate	1750000		59400	500000	100	05/25/2022 01:26	WG1868475

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)	7920		102	1000	1	05/26/2022 19:40	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18600		18.0	100	1	05/16/2022 19:13	WG1863226
Manganese	401		0.934	10.0	1	05/16/2022 19:13	WG1863226
Sodium	8720000		5040	30000	10	05/17/2022 04:23	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	31.7		2.91	10.0	1	05/16/2022 09:40	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:40	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:40	WG1863061

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	05/12/2022 03:20	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 03:20	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 03:20	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 03:20	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 03:20	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 03:20	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 03:20	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 03:20	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 03:20	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 03:20	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 03:20	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 03:20	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 03:20	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 03:20	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 03:20	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 03:20	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 03:20	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 03:20	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 03:20	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 03:20	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 03:20	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 03:20	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 03:20	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 03:20	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 03:20	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 03:20	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 03:20	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 03:20	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 03:20	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 03:20	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 03:20	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 03:20	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 03:20	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 03:20	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 03:20	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 03:20	WG1862607
Methyl tert-butyl ether	0.217	J	0.101	1.00	1	05/12/2022 03:20	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 03:20	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 03:20	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 03:20	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 03:20	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 03:20	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 03:20	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 03:20	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 03:20	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 03:20	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 03:20	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 03:20	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 03:20	WG1862607

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	05/12/2022 03:20	WG1862607
(S) Toluene-d8	*104*			*80.0-120*		*05/12/2022 03:20*	WG1862607
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/12/2022 03:20*	WG1862607
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*05/12/2022 03:20*	WG1862607

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	1210		15.0	50.0	1	05/21/2022 16:58	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	605000		8450	20000	1	05/18/2022 16:58	WG1864930

Sample Narrative:
L1490875-07 WG1864930: 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	1540	T8	15.0	50.0	1	05/21/2022 16:58	WG1861417

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		500	1000	10	05/20/2022 20:16	WG1867235

Sample Narrative:
L1490875-07 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	69300	B T8	20000	1	05/18/2022 16:58	WG1864930

Sample Narrative:
L1490875-07 WG1864930: 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	05/12/2022 20:12	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3460000		37900	100000	100	05/25/2022 02:30	WG1868475
Sulfate	274000		5940	50000	10	05/25/2022 02:17	WG1868475

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)	16300		102	1000	1	05/26/2022 20:04	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	2750		18.0	100	1	05/16/2022 19:16	WG1863226
Manganese	132		0.934	10.0	1	05/16/2022 19:16	WG1863226

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2460000		2520	15000	5	05/17/2022 04:26	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1400		2.91	10.0	1	05/16/2022 09:42	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:42	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:42	WG1863061

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	05/12/2022 03:40	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 03:40	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 03:40	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 03:40	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 03:40	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 03:40	WG1862607
Carbon disulfide	0.158	J	0.0962	1.00	1	05/12/2022 03:40	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 03:40	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 03:40	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 03:40	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 03:40	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 03:40	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 03:40	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 03:40	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 03:40	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 03:40	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 03:40	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 03:40	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 03:40	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 03:40	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 03:40	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 03:40	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 03:40	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 03:40	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 03:40	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 03:40	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 03:40	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 03:40	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 03:40	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 03:40	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 03:40	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 03:40	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 03:40	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 03:40	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 03:40	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 03:40	WG1862607
Methyl tert-butyl ether	23.2		0.101	1.00	1	05/12/2022 03:40	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 03:40	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 03:40	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 03:40	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 03:40	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 03:40	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 03:40	WG1862607

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	05/12/2022 03:40	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 03:40	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 03:40	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 03:40	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 03:40	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 03:40	WG1862607
Xylenes, Total	U		0.174	3.00	1	05/12/2022 03:40	WG1862607
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2022 03:40*	WG1862607
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*05/12/2022 03:40*	WG1862607
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*05/12/2022 03:40*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	64.6		15.0	50.0	1	05/16/2022 19:19	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	294000		8450	20000	1	05/18/2022 17:02	WG1864930

Sample Narrative:
L1490875-08 WG1864930: 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	165	T8	15.0	50.0	1	05/09/2022 16:17	WG1861043

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		250	500	5	05/20/2022 20:18	WG1867235

Sample Narrative:
L1490875-08 WG1867235: Dilution due to sulfide hit.

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	05/18/2022 17:02	WG1864930

Sample Narrative:
L1490875-08 WG1864930: 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	05/12/2022 20:13	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1130000		7580	20000	20	05/25/2022 02:56	WG1868475
Sulfate	248000		2970	25000	5	05/25/2022 02:43	WG1868475

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)	21400		102	1000	1	05/26/2022 21:27	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	230		18.0	100	1	05/16/2022 19:19	WG1863226
Manganese	32.5		0.934	10.0	1	05/16/2022 19:19	WG1863226

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	387000		504	3000	1	05/16/2022 19:19	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	277		2.91	10.0	1	05/16/2022 09:46	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 09:46	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:46	WG1863061

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	05/12/2022 03:59	WG1862607
Benzene	2.96		0.0941	1.00	1	05/12/2022 03:59	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 03:59	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 03:59	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 03:59	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 03:59	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 03:59	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 03:59	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 03:59	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 03:59	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 03:59	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 03:59	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 03:59	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 03:59	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 03:59	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 03:59	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 03:59	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 03:59	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 03:59	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 03:59	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 03:59	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 03:59	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 03:59	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 03:59	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 03:59	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 03:59	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 03:59	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 03:59	WG1862607
Ethylbenzene	1.47		0.137	1.00	1	05/12/2022 03:59	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 03:59	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 03:59	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 03:59	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 03:59	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 03:59	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 03:59	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 03:59	WG1862607
Methyl tert-butyl ether	5.26		0.101	1.00	1	05/12/2022 03:59	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 03:59	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 03:59	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 03:59	WG1862607
Toluene	0.324	J	0.278	1.00	1	05/12/2022 03:59	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 03:59	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 03:59	WG1862607

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	05/12/2022 03:59	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 03:59	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 03:59	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 03:59	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 03:59	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 03:59	WG1862607
Xylenes, Total	1.65	J	0.174	3.00	1	05/12/2022 03:59	WG1862607
(S) Toluene-d8	*107*			*80.0-120*		*05/12/2022 03:59*	WG1862607
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*05/12/2022 03:59*	WG1862607
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*05/12/2022 03:59*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1990		18.0	100	1	05/16/2022 19:22	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	142000		8450	20000	1	05/18/2022 17:12	WG1864930

Sample Narrative:
L1490875-09 WG1864930: 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	789	T8	150	500	10	05/09/2022 16:17	WG1861043

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		250	500	5	05/20/2022 20:19	WG1867235

Sample Narrative:
L1490875-09 WG1867235: Dilution due to sulfide hit.

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	05/18/2022 17:12	WG1864930

Sample Narrative:
L1490875-09 WG1864930: 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	112	Q	25.0	50.0	1	05/12/2022 20:14	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	289000		1900	5000	5	05/25/2022 08:58	WG1868475
Sulfate	81200		2970	25000	5	05/25/2022 08:58	WG1868475

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)	45000		510	5000	5	05/26/2022 22:08	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2780		18.0	100	1	05/16/2022 19:22	WG1863226
Manganese	21.9		0.934	10.0	1	05/16/2022 19:22	WG1863226

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	245000		504	3000	1	05/16/2022 19:22	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	8600		29.1	100	10	05/16/2022 15:12	WG1864429
Ethane	U		4.07	13.0	1	05/16/2022 09:49	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 09:49	WG1863061

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	05/12/2022 04:18	WG1862607
Benzene	11.7		0.0941	1.00	1	05/12/2022 04:18	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 04:18	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 04:18	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 04:18	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 04:18	WG1862607
Carbon disulfide	0.804	J	0.0962	1.00	1	05/12/2022 04:18	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 04:18	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 04:18	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 04:18	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 04:18	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 04:18	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 04:18	WG1862607
Cyclohexane	3.77		0.188	1.00	1	05/12/2022 04:18	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 04:18	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 04:18	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 04:18	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 04:18	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 04:18	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 04:18	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 04:18	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 04:18	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 04:18	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 04:18	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 04:18	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 04:18	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 04:18	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 04:18	WG1862607
Ethylbenzene	0.826	J	0.137	1.00	1	05/12/2022 04:18	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 04:18	WG1862607
Isopropylbenzene	3.60		0.105	1.00	1	05/12/2022 04:18	WG1862607
2-Butanone (MEK)	6.75	J	1.19	10.0	1	05/12/2022 04:18	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 04:18	WG1862607
Methyl Cyclohexane	4.84		0.660	1.00	1	05/12/2022 04:18	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 04:18	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 04:18	WG1862607
Methyl tert-butyl ether	0.295	J	0.101	1.00	1	05/12/2022 04:18	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 04:18	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 04:18	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 04:18	WG1862607
Toluene	3.06		0.278	1.00	1	05/12/2022 04:18	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 04:18	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 04:18	WG1862607

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	05/12/2022 04:18	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 04:18	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 04:18	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 04:18	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 04:18	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 04:18	WG1862607
Xylenes, Total	5.55		0.174	3.00	1	05/12/2022 04:18	WG1862607
(S) Toluene-d8	*105*			*80.0-120*		*05/12/2022 04:18*	WG1862607
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*05/12/2022 04:18*	WG1862607
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*05/12/2022 04:18*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	21900		18.0	100	1	05/21/2022 16:58	WG1863226

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	488000		8450	20000	1	05/18/2022 17:20	WG1864930

Sample Narrative:
L1490875-10 WG1864930: 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	3910	T8	75.0	250	5	05/21/2022 16:58	WG1861417

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	05/20/2022 20:20	WG1867235

Sample Narrative:
L1490875-10 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	42100	B T8	20000	1	05/18/2022 17:20	WG1864930

Sample Narrative:
L1490875-10 WG1864930: 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	60.0	Q	25.0	50.0	1	05/12/2022 20:14	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2720000		37900	100000	100	05/25/2022 03:34	WG1868475
Sulfate	429000		5940	50000	10	05/25/2022 03:21	WG1868475

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)	32200		510	5000	5	05/26/2022 22:25	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	25800		18.0	100	1	05/16/2022 19:25	WG1863226
Manganese	48.0		0.934	10.0	1	05/16/2022 19:25	WG1863226

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1430000		2520	15000	5	05/17/2022 04:29	WG1863226

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6430		2.91	10.0	1	05/16/2022 09:57	WG1863061
Ethane	236		4.07	13.0	1	05/16/2022 09:57	WG1863061
Ethene	122		4.26	13.0	1	05/16/2022 09:57	WG1863061

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	05/12/2022 05:08	WG1862607
Benzene	12.1		0.0941	1.00	1	05/12/2022 05:08	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 05:08	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 05:08	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 05:08	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 05:08	WG1862607
Carbon disulfide	3.73		0.0962	1.00	1	05/12/2022 05:08	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 05:08	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 05:08	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 05:08	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 05:08	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 05:08	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 05:08	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 05:08	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 05:08	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 05:08	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 05:08	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 05:08	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 05:08	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 05:08	WG1862607
1,1-Dichloroethane	0.408	J	0.100	1.00	1	05/12/2022 05:08	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 05:08	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 05:08	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 05:08	WG1862607
trans-1,2-Dichloroethene	11.9		0.149	1.00	1	05/12/2022 05:08	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 05:08	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 05:08	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 05:08	WG1862607
Ethylbenzene	8.33		0.137	1.00	1	05/12/2022 05:08	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 05:08	WG1862607
Isopropylbenzene	0.815	J	0.105	1.00	1	05/12/2022 05:08	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 05:08	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 05:08	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 05:08	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 05:08	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 05:08	WG1862607
Methyl tert-butyl ether	196		0.101	1.00	1	05/12/2022 05:08	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 05:08	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 05:08	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 05:08	WG1862607
Toluene	1.63		0.278	1.00	1	05/12/2022 05:08	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 05:08	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 05:08	WG1862607

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	05/12/2022 05:08	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 05:08	WG1862607
Trichloroethene	0.281	J	0.190	1.00	1	05/12/2022 05:08	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 05:08	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 05:08	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 05:08	WG1862607
Xylenes, Total	15.1		0.174	3.00	1	05/12/2022 05:08	WG1862607
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2022 05:08*	WG1862607
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*05/12/2022 05:08*	WG1862607
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*05/12/2022 05:08*	WG1862607

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	05/16/2022 11:33	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	U		8450	20000	1	05/18/2022 17:24	WG1864930

Sample Narrative:
L1490875-11 WG1864930: 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	U	T8	15.0	50.0	1	05/09/2022 16:19	WG1861043

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	05/20/2022 20:25	WG1867235

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	ND	B J T8	20000	1	05/18/2022 17:24	WG1864930

Sample Narrative:
L1490875-11 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:15	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	U		379	1000	1	05/25/2022 04:16	WG1868475
Sulfate	U		594	5000	1	05/25/2022 04:16	WG1868475

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)	389	B J	102	1000	1	05/26/2022 22:37	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		18.0	100	1	05/16/2022 11:33	WG1863791
Manganese	U		0.934	10.0	1	05/16/2022 11:33	WG1863791
Sodium	671	J	504	3000	1	05/16/2022 11:33	WG1863791

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	05/16/2022 10:27	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 10:27	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:27	WG1863061

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	05/12/2022 00:07	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 00:07	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 00:07	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 00:07	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 00:07	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 00:07	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 00:07	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 00:07	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 00:07	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 00:07	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 00:07	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 00:07	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 00:07	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 00:07	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 00:07	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 00:07	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 00:07	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 00:07	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 00:07	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 00:07	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 00:07	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 00:07	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 00:07	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 00:07	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 00:07	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 00:07	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 00:07	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 00:07	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 00:07	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 00:07	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 00:07	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 00:07	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 00:07	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 00:07	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 00:07	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 00:07	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/12/2022 00:07	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 00:07	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 00:07	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 00:07	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 00:07	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 00:07	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 00:07	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 00:07	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 00:07	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 00:07	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 00:07	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 00:07	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 00:07	WG1862607

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	05/12/2022 00:07	WG1862607
(S) Toluene-d8	*106*			*80.0-120*		*05/12/2022 00:07*	WG1862607
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/12/2022 00:07*	WG1862607
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*05/12/2022 00:07*	WG1862607

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	05/16/2022 11:35	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	U		8450	20000	1	05/18/2022 17:30	WG1864930

Sample Narrative:

L1490875-12 WG1864930: 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	U	T8	15.0	50.0	1	05/09/2022 16:20	WG1861043

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	05/20/2022 20:27	WG1867235

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	ND	B J P1 T8	20000	1	05/18/2022 17:30	WG1864930

Sample Narrative:

L1490875-12 WG1864930: 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	Q	25.0	50.0	1	05/18/2022 22:35	WG1865619

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	U		379	1000	1	05/25/2022 04:29	WG1868475
Sulfate	U		594	5000	1	05/25/2022 04:29	WG1868475

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)	286	B J	102	1000	1	05/26/2022 22:50	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		18.0	100	1	05/16/2022 11:35	WG1863791
Manganese	U		0.934	10.0	1	05/16/2022 11:35	WG1863791
Sodium	U		504	3000	1	05/16/2022 11:35	WG1863791

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	05/16/2022 10:30	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 10:30	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:30	WG1863061

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	05/12/2022 00:26	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 00:26	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 00:26	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 00:26	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 00:26	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 00:26	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 00:26	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 00:26	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 00:26	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 00:26	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 00:26	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 00:26	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 00:26	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 00:26	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 00:26	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 00:26	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 00:26	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 00:26	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 00:26	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 00:26	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 00:26	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 00:26	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 00:26	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 00:26	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 00:26	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 00:26	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 00:26	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 00:26	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 00:26	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 00:26	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 00:26	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 00:26	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 00:26	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 00:26	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 00:26	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 00:26	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/12/2022 00:26	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 00:26	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 00:26	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 00:26	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 00:26	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 00:26	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 00:26	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2022 00:26	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 00:26	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 00:26	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 00:26	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 00:26	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 00:26	WG1862607

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	05/12/2022 00:26	WG1862607
(S) Toluene-d8	*103*			*80.0-120*		*05/12/2022 00:26*	WG1862607
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*05/12/2022 00:26*	WG1862607
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*05/12/2022 00:26*	WG1862607

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	05/11/2022 23:29	WG1862607
Benzene	U		0.0941	1.00	1	05/11/2022 23:29	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/11/2022 23:29	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/11/2022 23:29	WG1862607
Bromoform	U		0.129	1.00	1	05/11/2022 23:29	WG1862607
Bromomethane	U		0.605	5.00	1	05/11/2022 23:29	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/11/2022 23:29	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/11/2022 23:29	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/11/2022 23:29	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/11/2022 23:29	WG1862607
Chloroethane	U		0.192	5.00	1	05/11/2022 23:29	WG1862607
Chloroform	U		0.111	5.00	1	05/11/2022 23:29	WG1862607
Chloromethane	U		0.960	2.50	1	05/11/2022 23:29	WG1862607
Cyclohexane	U		0.188	1.00	1	05/11/2022 23:29	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/11/2022 23:29	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/11/2022 23:29	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/11/2022 23:29	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/11/2022 23:29	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/11/2022 23:29	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/11/2022 23:29	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/11/2022 23:29	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/11/2022 23:29	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/11/2022 23:29	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/11/2022 23:29	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/11/2022 23:29	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/11/2022 23:29	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/11/2022 23:29	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/11/2022 23:29	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/11/2022 23:29	WG1862607
2-Hexanone	U		0.787	10.0	1	05/11/2022 23:29	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/11/2022 23:29	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/11/2022 23:29	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/11/2022 23:29	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/11/2022 23:29	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/11/2022 23:29	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/11/2022 23:29	WG1862607
Methyl tert-butyl ether	U		0.101	1.00	1	05/11/2022 23:29	WG1862607
Styrene	U		0.118	1.00	1	05/11/2022 23:29	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/11/2022 23:29	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/11/2022 23:29	WG1862607
Toluene	U		0.278	1.00	1	05/11/2022 23:29	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/11/2022 23:29	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/11/2022 23:29	WG1862607
1,1,1-Trichloroethane	U		0.149	1.00	1	05/11/2022 23:29	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/11/2022 23:29	WG1862607
Trichloroethene	U		0.190	1.00	1	05/11/2022 23:29	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/11/2022 23:29	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/11/2022 23:29	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/11/2022 23:29	WG1862607
Xylenes, Total	U		0.174	3.00	1	05/11/2022 23:29	WG1862607
(S) Toluene-d8	*108*			*80.0-120*		*05/11/2022 23:29*	WG1862607
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/11/2022 23:29*	WG1862607
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*05/11/2022 23:29*	WG1862607

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	05/16/2022 10:51	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	448000		8450	20000	1	05/18/2022 17:42	WG1864930

Sample Narrative:
L1490875-14 WG1864930: 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	2280	T8	150	500	10	05/09/2022 16:20	WG1861043

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		250	500	5	05/20/2022 20:32	WG1867235

Sample Narrative:
L1490875-14 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	79800	B T8	20000	1	05/18/2022 17:42	WG1864930

Sample Narrative:
L1490875-14 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:15	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3520000		37900	100000	100	05/25/2022 05:46	WG1868475
Sulfate	266000		5940	50000	10	05/25/2022 05:33	WG1868475

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)	8930		102	1000	1	05/26/2022 23:54	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	803		18.0	100	1	05/16/2022 10:51	WG1863791
Manganese	1240		0.934	10.0	1	05/16/2022 10:51	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1180000		2520	15000	5	05/16/2022 15:24	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1310		2.91	10.0	1	05/16/2022 10:43	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 10:43	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:43	WG1863061

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	05/12/2022 05:28	WG1862607
Benzene	U		0.0941	1.00	1	05/12/2022 05:28	WG1862607
Bromochloromethane	U		0.128	1.00	1	05/12/2022 05:28	WG1862607
Bromodichloromethane	U		0.136	1.00	1	05/12/2022 05:28	WG1862607
Bromoform	U		0.129	1.00	1	05/12/2022 05:28	WG1862607
Bromomethane	U		0.605	5.00	1	05/12/2022 05:28	WG1862607
Carbon disulfide	U		0.0962	1.00	1	05/12/2022 05:28	WG1862607
Carbon tetrachloride	U		0.128	1.00	1	05/12/2022 05:28	WG1862607
Chlorobenzene	U		0.116	1.00	1	05/12/2022 05:28	WG1862607
Chlorodibromomethane	U		0.140	1.00	1	05/12/2022 05:28	WG1862607
Chloroethane	U		0.192	5.00	1	05/12/2022 05:28	WG1862607
Chloroform	U		0.111	5.00	1	05/12/2022 05:28	WG1862607
Chloromethane	U		0.960	2.50	1	05/12/2022 05:28	WG1862607
Cyclohexane	U		0.188	1.00	1	05/12/2022 05:28	WG1862607
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/12/2022 05:28	WG1862607
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2022 05:28	WG1862607
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2022 05:28	WG1862607
1,3-Dichlorobenzene	U		0.110	1.00	1	05/12/2022 05:28	WG1862607
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2022 05:28	WG1862607
Dichlorodifluoromethane	U		0.374	5.00	1	05/12/2022 05:28	WG1862607
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2022 05:28	WG1862607
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2022 05:28	WG1862607
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2022 05:28	WG1862607
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2022 05:28	WG1862607
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2022 05:28	WG1862607
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2022 05:28	WG1862607
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2022 05:28	WG1862607
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2022 05:28	WG1862607
Ethylbenzene	U		0.137	1.00	1	05/12/2022 05:28	WG1862607
2-Hexanone	U		0.787	10.0	1	05/12/2022 05:28	WG1862607
Isopropylbenzene	U		0.105	1.00	1	05/12/2022 05:28	WG1862607
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2022 05:28	WG1862607
Methyl Acetate	U		1.29	20.0	1	05/12/2022 05:28	WG1862607
Methyl Cyclohexane	U		0.660	1.00	1	05/12/2022 05:28	WG1862607
Methylene Chloride	U		0.430	5.00	1	05/12/2022 05:28	WG1862607
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2022 05:28	WG1862607
Methyl tert-butyl ether	23.5		0.101	1.00	1	05/12/2022 05:28	WG1862607
Styrene	U		0.118	1.00	1	05/12/2022 05:28	WG1862607
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2022 05:28	WG1862607
Tetrachloroethene	U		0.300	1.00	1	05/12/2022 05:28	WG1862607
Toluene	U		0.278	1.00	1	05/12/2022 05:28	WG1862607
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	05/12/2022 05:28	WG1862607
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/12/2022 05:28	WG1862607

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	05/12/2022 05:28	WG1862607
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2022 05:28	WG1862607
Trichloroethene	U		0.190	1.00	1	05/12/2022 05:28	WG1862607
Trichlorofluoromethane	U	C3 J4	0.160	5.00	1	05/12/2022 05:28	WG1862607
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/12/2022 05:28	WG1862607
Vinyl chloride	U		0.234	1.00	1	05/12/2022 05:28	WG1862607
Xylenes, Total	U		0.174	3.00	1	05/12/2022 05:28	WG1862607
(S) Toluene-d8	*108*			*80.0-120*		*05/12/2022 05:28*	WG1862607
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*05/12/2022 05:28*	WG1862607
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*05/12/2022 05:28*	WG1862607

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	3130		18.0	100	1	05/16/2022 11:38	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	274000		8450	20000	1	05/18/2022 17:45	WG1864930

Sample Narrative:
L1490875-15 WG1864930: 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	996	T8	150	500	10	05/09/2022 16:21	WG1861043

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	05/20/2022 20:33	WG1867235

Sample Narrative:
L1490875-15 WG1867235: Dilution due to sulfide hit.

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	05/18/2022 17:45	WG1864930

Sample Narrative:
L1490875-15 WG1864930: 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	Q	25.0	50.0	1	05/18/2022 22:36	WG1865619

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2370000		37900	100000	100	05/25/2022 06:11	WG1868475
Sulfate	154000		5940	50000	10	05/25/2022 05:58	WG1868475

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)	5380		102	1000	1	05/27/2022 00:51	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4130		18.0	100	1	05/16/2022 11:38	WG1863791
Manganese	69.0		0.934	10.0	1	05/16/2022 11:38	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1220000		2520	15000	5	05/16/2022 15:27	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	763		2.91	10.0	1	05/16/2022 10:45	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 10:45	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:45	WG1863061

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	05/14/2022 17:36	WG1863855
Benzene	0.427	J	0.0941	1.00	1	05/14/2022 17:36	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 17:36	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 17:36	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 17:36	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 17:36	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 17:36	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 17:36	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 17:36	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 17:36	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 17:36	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 17:36	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 17:36	WG1863855
Cyclohexane	U		0.188	1.00	1	05/14/2022 17:36	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 17:36	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 17:36	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 17:36	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 17:36	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 17:36	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 17:36	WG1863855
1,1-Dichloroethane	U		0.100	1.00	1	05/14/2022 17:36	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 17:36	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 17:36	WG1863855
cis-1,2-Dichloroethene	0.176	C3 J	0.126	1.00	1	05/14/2022 17:36	WG1863855
trans-1,2-Dichloroethene	0.284	J	0.149	1.00	1	05/14/2022 17:36	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 17:36	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 17:36	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 17:36	WG1863855
Ethylbenzene	U		0.137	1.00	1	05/14/2022 17:36	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 17:36	WG1863855
Isopropylbenzene	U		0.105	1.00	1	05/14/2022 17:36	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 17:36	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 17:36	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 17:36	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 17:36	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 17:36	WG1863855
Methyl tert-butyl ether	28.9		0.101	1.00	1	05/14/2022 17:36	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 17:36	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 17:36	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 17:36	WG1863855
Toluene	U		0.278	1.00	1	05/14/2022 17:36	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 17:36	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 17:36	WG1863855

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	05/14/2022 17:36	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 17:36	WG1863855
Trichloroethene	U		0.190	1.00	1	05/14/2022 17:36	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 17:36	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 17:36	WG1863855
Vinyl chloride	U		0.234	1.00	1	05/14/2022 17:36	WG1863855
Xylenes, Total	U		0.174	3.00	1	05/14/2022 17:36	WG1863855
(S) Toluene-d8	*103*			*80.0-120*		*05/14/2022 17:36*	WG1863855
(S) 4-Bromofluorobenzene	*93.2*			*77.0-126*		*05/14/2022 17:36*	WG1863855
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*05/14/2022 17:36*	WG1863855

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	05/21/2022 16:59	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	522000		8450	20000	1	05/18/2022 17:53	WG1864930

Sample Narrative:
L1490875-16 WG1864930: 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	1210	T8	15.0	50.0	1	05/21/2022 16:59	WG1861417

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	05/20/2022 20:34	WG1867235

Sample Narrative:
L1490875-16 WG1867235: Dilution due to sulfide hit.

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	05/18/2022 17:53	WG1864930

Sample Narrative:
L1490875-16 WG1864930: 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	257	Q	25.0	50.0	1	05/12/2022 20:15	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	646000		3790	10000	10	05/25/2022 06:24	WG1868475
Sulfate	35000	J	5940	50000	10	05/25/2022 06:24	WG1868475

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)	21700		102	1000	1	05/27/2022 01:12	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	622		18.0	100	1	05/16/2022 11:41	WG1863791
Manganese	52.9		0.934	10.0	1	05/16/2022 11:41	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	999000		2520	15000	5	05/16/2022 15:30	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4050		2.91	10.0	1	05/16/2022 10:48	WG1863061
Ethane	29.5		4.07	13.0	1	05/16/2022 10:48	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:48	WG1863061

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	64.7		11.3	50.0	1	05/14/2022 17:56	WG1863855
Benzene	7.96		0.0941	1.00	1	05/14/2022 17:56	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 17:56	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 17:56	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 17:56	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 17:56	WG1863855
Carbon disulfide	2.38	C3	0.0962	1.00	1	05/14/2022 17:56	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 17:56	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 17:56	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 17:56	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 17:56	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 17:56	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 17:56	WG1863855
Cyclohexane	0.378	J	0.188	1.00	1	05/14/2022 17:56	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 17:56	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 17:56	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 17:56	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 17:56	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 17:56	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 17:56	WG1863855
1,1-Dichloroethane	U		0.100	1.00	1	05/14/2022 17:56	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 17:56	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 17:56	WG1863855
cis-1,2-Dichloroethene	8.40	C3	0.126	1.00	1	05/14/2022 17:56	WG1863855
trans-1,2-Dichloroethene	0.476	J	0.149	1.00	1	05/14/2022 17:56	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 17:56	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 17:56	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 17:56	WG1863855
Ethylbenzene	1.01		0.137	1.00	1	05/14/2022 17:56	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 17:56	WG1863855
Isopropylbenzene	0.282	J	0.105	1.00	1	05/14/2022 17:56	WG1863855
2-Butanone (MEK)	11.3		1.19	10.0	1	05/14/2022 17:56	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 17:56	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 17:56	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 17:56	WG1863855
4-Methyl-2-pentanone (MIBK)	1.08	J	0.478	10.0	1	05/14/2022 17:56	WG1863855
Methyl tert-butyl ether	51.2		0.101	1.00	1	05/14/2022 17:56	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 17:56	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 17:56	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 17:56	WG1863855
Toluene	1.34		0.278	1.00	1	05/14/2022 17:56	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 17:56	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 17:56	WG1863855

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	05/14/2022 17:56	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 17:56	WG1863855
Trichloroethene	27.9		0.190	1.00	1	05/14/2022 17:56	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 17:56	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 17:56	WG1863855
Vinyl chloride	3.94		0.234	1.00	1	05/14/2022 17:56	WG1863855
Xylenes, Total	2.05	J	0.174	3.00	1	05/14/2022 17:56	WG1863855
(S) Toluene-d8	*100*			*80.0-120*		*05/14/2022 17:56*	WG1863855
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*		*05/14/2022 17:56*	WG1863855
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/14/2022 17:56*	WG1863855

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	4960		15.0	50.0	1	05/21/2022 16:59	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	448000		8450	20000	1	05/18/2022 18:00	WG1864930

Sample Narrative:
L1490875-17 WG1864930: 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	912	T8	15.0	50.0	1	05/21/2022 16:59	WG1861417

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	05/20/2022 20:35	WG1867235

Sample Narrative:
L1490875-17 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	47100	B T8	20000	1	05/18/2022 18:00	WG1864930

Sample Narrative:
L1490875-17 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:15	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2810000		37900	100000	100	05/25/2022 07:02	WG1868475
Sulfate	309000		5940	50000	10	05/25/2022 06:50	WG1868475

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)	14300		102	1000	1	05/27/2022 01:38	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5870		18.0	100	1	05/16/2022 11:44	WG1863791
Manganese	926		0.934	10.0	1	05/16/2022 11:44	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1390000		2520	15000	5	05/16/2022 15:33	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	328		2.91	10.0	1	05/16/2022 10:52	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 10:52	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:52	WG1863061

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	05/14/2022 18:16	WG1863855
Benzene	U		0.0941	1.00	1	05/14/2022 18:16	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 18:16	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 18:16	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 18:16	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 18:16	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 18:16	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 18:16	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 18:16	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 18:16	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 18:16	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 18:16	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 18:16	WG1863855
Cyclohexane	U		0.188	1.00	1	05/14/2022 18:16	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 18:16	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 18:16	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 18:16	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 18:16	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 18:16	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 18:16	WG1863855
1,1-Dichloroethane	U		0.100	1.00	1	05/14/2022 18:16	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 18:16	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 18:16	WG1863855
cis-1,2-Dichloroethene	0.215	C3 J	0.126	1.00	1	05/14/2022 18:16	WG1863855
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/14/2022 18:16	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 18:16	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 18:16	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 18:16	WG1863855
Ethylbenzene	U		0.137	1.00	1	05/14/2022 18:16	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 18:16	WG1863855
Isopropylbenzene	0.170	J	0.105	1.00	1	05/14/2022 18:16	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 18:16	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 18:16	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 18:16	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 18:16	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 18:16	WG1863855
Methyl tert-butyl ether	64.9		0.101	1.00	1	05/14/2022 18:16	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 18:16	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 18:16	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 18:16	WG1863855
Toluene	U		0.278	1.00	1	05/14/2022 18:16	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 18:16	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 18:16	WG1863855

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	05/14/2022 18:16	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 18:16	WG1863855
Trichloroethene	U		0.190	1.00	1	05/14/2022 18:16	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 18:16	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 18:16	WG1863855
Vinyl chloride	U		0.234	1.00	1	05/14/2022 18:16	WG1863855
Xylenes, Total	U		0.174	3.00	1	05/14/2022 18:16	WG1863855
(S) Toluene-d8	*101*			*80.0-120*		*05/14/2022 18:16*	WG1863855
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*05/14/2022 18:16*	WG1863855
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*05/14/2022 18:16*	WG1863855

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	652		15.0	50.0	1	05/21/2022 17:01	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	514000		8450	20000	1	05/18/2022 18:10	WG1864930

Sample Narrative:
L1490875-18 WG1864930: 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	364	T8	15.0	50.0	1	05/21/2022 17:01	WG1861417

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	05/20/2022 20:37	WG1867235

Sample Narrative:
L1490875-18 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	ND	B J T8	20000	1	05/18/2022 18:10	WG1864930

Sample Narrative:
L1490875-18 WG1864930: 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	Q	25.0	50.0	1	05/12/2022 20:15	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2460000		37900	100000	100	05/25/2022 02:40	WG1868480
Sulfate	356000		5940	50000	10	05/25/2022 02:24	WG1868480

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)	27400		510	5000	5	05/27/2022 01:55	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1020		18.0	100	1	05/16/2022 11:52	WG1863791
Manganese	47.5		0.934	10.0	1	05/16/2022 11:52	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1230000		2520	15000	5	05/16/2022 15:35	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2150		2.91	10.0	1	05/16/2022 10:54	WG1863061
Ethane	291		4.07	13.0	1	05/16/2022 10:54	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 10:54	WG1863061

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	05/14/2022 18:37	WG1863855
Benzene	2.06		0.0941	1.00	1	05/14/2022 18:37	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 18:37	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 18:37	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 18:37	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 18:37	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 18:37	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 18:37	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 18:37	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 18:37	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 18:37	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 18:37	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 18:37	WG1863855
Cyclohexane	U		0.188	1.00	1	05/14/2022 18:37	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 18:37	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 18:37	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 18:37	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 18:37	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 18:37	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 18:37	WG1863855
1,1-Dichloroethane	0.216	J	0.100	1.00	1	05/14/2022 18:37	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 18:37	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 18:37	WG1863855
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	05/14/2022 18:37	WG1863855
trans-1,2-Dichloroethene	0.796	J	0.149	1.00	1	05/14/2022 18:37	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 18:37	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 18:37	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 18:37	WG1863855
Ethylbenzene	1.61		0.137	1.00	1	05/14/2022 18:37	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 18:37	WG1863855
Isopropylbenzene	0.206	J	0.105	1.00	1	05/14/2022 18:37	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 18:37	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 18:37	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 18:37	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 18:37	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 18:37	WG1863855
Methyl tert-butyl ether	51.2		0.101	1.00	1	05/14/2022 18:37	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 18:37	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 18:37	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 18:37	WG1863855
Toluene	U		0.278	1.00	1	05/14/2022 18:37	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 18:37	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 18:37	WG1863855

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	05/14/2022 18:37	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 18:37	WG1863855
Trichloroethene	U		0.190	1.00	1	05/14/2022 18:37	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 18:37	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 18:37	WG1863855
Vinyl chloride	U		0.234	1.00	1	05/14/2022 18:37	WG1863855
Xylenes, Total	0.309	J	0.174	3.00	1	05/14/2022 18:37	WG1863855
(S) Toluene-d8	*102*			*80.0-120*		*05/14/2022 18:37*	WG1863855
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*		*05/14/2022 18:37*	WG1863855
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*05/14/2022 18:37*	WG1863855

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	3010		15.0	50.0	1	05/21/2022 17:01	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	842000		8450	20000	1	05/18/2022 18:14	WG1864930

Sample Narrative:
L1490875-19 WG1864930: 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	365	T8	15.0	50.0	1	05/21/2022 17:01	WG1861417

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	05/20/2022 20:42	WG1867235

Sample Narrative:
L1490875-19 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	80000	B T8	20000	1	05/18/2022 18:14	WG1864930

Sample Narrative:
L1490875-19 WG1864930: 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	05/12/2022 20:16	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4230000		37900	100000	100	05/25/2022 03:11	WG1868480
Sulfate	346000		5940	50000	10	05/25/2022 02:55	WG1868480

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)	15700	B	510	5000	5	05/27/2022 02:10	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3380		18.0	100	1	05/16/2022 11:55	WG1863791
Manganese	94.5		0.934	10.0	1	05/16/2022 11:55	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2230000		2520	15000	5	05/16/2022 15:38	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1540		2.91	10.0	1	05/16/2022 10:57	WG1863061
Ethane	6.43	J	4.07	13.0	1	05/16/2022 10:57	WG1863061
Ethene	34.9		4.26	13.0	1	05/16/2022 10:57	WG1863061

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	05/14/2022 18:57	WG1863855
Benzene	2.90		0.0941	1.00	1	05/14/2022 18:57	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 18:57	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 18:57	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 18:57	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 18:57	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 18:57	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 18:57	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 18:57	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 18:57	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 18:57	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 18:57	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 18:57	WG1863855
Cyclohexane	U		0.188	1.00	1	05/14/2022 18:57	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 18:57	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 18:57	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 18:57	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 18:57	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 18:57	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 18:57	WG1863855
1,1-Dichloroethane	0.294	J	0.100	1.00	1	05/14/2022 18:57	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 18:57	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 18:57	WG1863855
cis-1,2-Dichloroethene	0.724	C3 J	0.126	1.00	1	05/14/2022 18:57	WG1863855
trans-1,2-Dichloroethene	2.11		0.149	1.00	1	05/14/2022 18:57	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 18:57	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 18:57	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 18:57	WG1863855
Ethylbenzene	0.394	J	0.137	1.00	1	05/14/2022 18:57	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 18:57	WG1863855
Isopropylbenzene	U		0.105	1.00	1	05/14/2022 18:57	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 18:57	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 18:57	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 18:57	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 18:57	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 18:57	WG1863855
Methyl tert-butyl ether	19.1		0.101	1.00	1	05/14/2022 18:57	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 18:57	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 18:57	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 18:57	WG1863855
Toluene	0.474	J	0.278	1.00	1	05/14/2022 18:57	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 18:57	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 18:57	WG1863855

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	05/14/2022 18:57	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 18:57	WG1863855
Trichloroethene	0.260	J	0.190	1.00	1	05/14/2022 18:57	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 18:57	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 18:57	WG1863855
Vinyl chloride	27.9		0.234	1.00	1	05/14/2022 18:57	WG1863855
Xylenes, Total	0.846	J	0.174	3.00	1	05/14/2022 18:57	WG1863855
(S) Toluene-d8	*104*			*80.0-120*		*05/14/2022 18:57*	WG1863855
(S) 4-Bromofluorobenzene	*93.0*			*77.0-126*		*05/14/2022 18:57*	WG1863855
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*05/14/2022 18:57*	WG1863855

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	34.6	J	15.0	50.0	1	05/16/2022 11:58	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	470000		8450	20000	1	05/18/2022 18:18	WG1864930

Sample Narrative:

L1490875-20 WG1864930: 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	131	T8	15.0	50.0	1	05/09/2022 16:22	WG1861043

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		500	1000	10	05/20/2022 20:43	WG1867235

Sample Narrative:

L1490875-20 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	89200	B T8	20000	1	05/18/2022 18:18	WG1864930

Sample Narrative:

L1490875-20 WG1864930: 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	05/12/2022 20:16	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	2460000		37900	100000	100	05/25/2022 03:43	WG1868480
Sulfate	267000		5940	50000	10	05/25/2022 03:27	WG1868480

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)	30900		510	5000	5	05/27/2022 02:26	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	166		18.0	100	1	05/16/2022 11:58	WG1863791
Manganese	25.4		0.934	10.0	1	05/16/2022 11:58	WG1863791

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1340000		2520	15000	5	05/16/2022 15:41	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4490		2.91	10.0	1	05/16/2022 11:04	WG1863061
Ethane	19.8		4.07	13.0	1	05/16/2022 11:04	WG1863061
Ethene	16.3		4.26	13.0	1	05/16/2022 11:04	WG1863061

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	05/14/2022 19:17	WG1863855
Benzene	8.67		0.0941	1.00	1	05/14/2022 19:17	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 19:17	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 19:17	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 19:17	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 19:17	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 19:17	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 19:17	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 19:17	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 19:17	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 19:17	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 19:17	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 19:17	WG1863855
Cyclohexane	0.211	J	0.188	1.00	1	05/14/2022 19:17	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 19:17	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 19:17	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 19:17	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 19:17	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 19:17	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 19:17	WG1863855
1,1-Dichloroethane	U		0.100	1.00	1	05/14/2022 19:17	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 19:17	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 19:17	WG1863855
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	05/14/2022 19:17	WG1863855
trans-1,2-Dichloroethene	0.887	J	0.149	1.00	1	05/14/2022 19:17	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 19:17	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 19:17	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 19:17	WG1863855
Ethylbenzene	2.39		0.137	1.00	1	05/14/2022 19:17	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 19:17	WG1863855
Isopropylbenzene	0.621	J	0.105	1.00	1	05/14/2022 19:17	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 19:17	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 19:17	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 19:17	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 19:17	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 19:17	WG1863855
Methyl tert-butyl ether	68.9		0.101	1.00	1	05/14/2022 19:17	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 19:17	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 19:17	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 19:17	WG1863855
Toluene	0.755	J	0.278	1.00	1	05/14/2022 19:17	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 19:17	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 19:17	WG1863855

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	05/14/2022 19:17	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 19:17	WG1863855
Trichloroethene	U		0.190	1.00	1	05/14/2022 19:17	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 19:17	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 19:17	WG1863855
Vinyl chloride	4.64		0.234	1.00	1	05/14/2022 19:17	WG1863855
Xylenes, Total	6.03		0.174	3.00	1	05/14/2022 19:17	WG1863855
(S) Toluene-d8	*98.5*			*80.0-120*		*05/14/2022 19:17*	WG1863855
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*05/14/2022 19:17*	WG1863855
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*05/14/2022 19:17*	WG1863855

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	30200		18.0	100	1	05/21/2022 17:01	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	266000		8450	20000	1	05/19/2022 13:15	WG1866270

Sample Narrative:
L1490875-21 WG1866270: 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	4900	T8	75.0	250	5	05/21/2022 17:01	WG1861417

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	05/20/2022 20:44	WG1867235

Sample Narrative:
L1490875-21 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	73300	B T8	20000	1	05/19/2022 13:15	WG1866270

Sample Narrative:
L1490875-21 WG1866270: 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	05/12/2022 20:17	WG1862541

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	963000		7580	20000	20	05/25/2022 05:03	WG1868480
Chloride	930000	E V	379	1000	1	05/25/2022 03:59	WG1868480
Sulfate	61500		594	5000	1	05/25/2022 03:59	WG1868480

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)	19600	B	510	5000	5	05/27/2022 02:42	WG1868264

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	35100		18.0	100	1	05/16/2022 12:00	WG1863791
Manganese	311		0.934	10.0	1	05/16/2022 12:00	WG1863791
Sodium	577000		504	3000	1	05/16/2022 12:00	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	5410		2.91	10.0	1	05/16/2022 11:10	WG1863061
Ethane	U		4.07	13.0	1	05/16/2022 11:10	WG1863061
Ethene	U		4.26	13.0	1	05/16/2022 11:10	WG1863061

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	05/14/2022 19:37	WG1863855
Benzene	U		0.0941	1.00	1	05/14/2022 19:37	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 19:37	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 19:37	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 19:37	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 19:37	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 19:37	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 19:37	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 19:37	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 19:37	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 19:37	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 19:37	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 19:37	WG1863855
Cyclohexane	0.428	J	0.188	1.00	1	05/14/2022 19:37	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 19:37	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 19:37	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 19:37	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 19:37	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 19:37	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 19:37	WG1863855
1,1-Dichloroethane	U		0.100	1.00	1	05/14/2022 19:37	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 19:37	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 19:37	WG1863855
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	05/14/2022 19:37	WG1863855
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/14/2022 19:37	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 19:37	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 19:37	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 19:37	WG1863855
Ethylbenzene	U		0.137	1.00	1	05/14/2022 19:37	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 19:37	WG1863855
Isopropylbenzene	U		0.105	1.00	1	05/14/2022 19:37	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 19:37	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 19:37	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 19:37	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 19:37	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 19:37	WG1863855
Methyl tert-butyl ether	33.0		0.101	1.00	1	05/14/2022 19:37	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 19:37	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 19:37	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 19:37	WG1863855
Toluene	U		0.278	1.00	1	05/14/2022 19:37	WG1863855

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 19:37	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 19:37	WG1863855
1,1,1-Trichloroethane	U		0.149	1.00	1	05/14/2022 19:37	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 19:37	WG1863855
Trichloroethene	U		0.190	1.00	1	05/14/2022 19:37	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 19:37	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 19:37	WG1863855
Vinyl chloride	U		0.234	1.00	1	05/14/2022 19:37	WG1863855
Xylenes, Total	U		0.174	3.00	1	05/14/2022 19:37	WG1863855
(S) Toluene-d8	*105*			*80.0-120*		*05/14/2022 19:37*	WG1863855
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*05/14/2022 19:37*	WG1863855
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*05/14/2022 19:37*	WG1863855

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	5500		15.0	50.0	1	05/16/2022 12:03	WG1863791

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	409000		8450	20000	1	05/18/2022 13:09	WG1864934

Sample Narrative:
L1490875-22 WG1864934: 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	410	T8	15.0	50.0	1	05/09/2022 16:22	WG1861043

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	05/20/2022 20:46	WG1867235

Sample Narrative:
L1490875-22 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	ND	J T8	20000	1	05/18/2022 13:09	WG1864934

Sample Narrative:
L1490875-22 WG1864934: 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	41.0	J Q	25.0	50.0	1	05/13/2022 02:36	WG1862542

Sample Narrative:
L1490875-22 WG1862542: Ran out of hold due to supply chain issues.

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1900000		37900	100000	100	05/25/2022 05:35	WG1868480
Sulfate	339000		5940	50000	10	05/25/2022 05:19	WG1868480

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)	20200	B	510	5000	5	05/23/2022 19:50	WG1868265

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5910		18.0	100	1	05/16/2022 12:03	WG1863791
Manganese	109		0.934	10.0	1	05/16/2022 12:03	WG1863791
Sodium	2020000		2520	15000	5	05/16/2022 15:44	WG1863791

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3850		2.91	10.0	1	05/16/2022 11:37	WG1864281
Ethane	325		4.07	13.0	1	05/16/2022 11:37	WG1864281
Ethene	251		4.26	13.0	1	05/16/2022 11:37	WG1864281

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	05/14/2022 19:57	WG1863855
Benzene	4.62		0.0941	1.00	1	05/14/2022 19:57	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 19:57	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 19:57	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 19:57	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 19:57	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 19:57	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 19:57	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 19:57	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 19:57	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 19:57	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 19:57	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 19:57	WG1863855
Cyclohexane	1.05		0.188	1.00	1	05/14/2022 19:57	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 19:57	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 19:57	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 19:57	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 19:57	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 19:57	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 19:57	WG1863855
1,1-Dichloroethane	0.728	J	0.100	1.00	1	05/14/2022 19:57	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 19:57	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 19:57	WG1863855
cis-1,2-Dichloroethene	0.184	C3 J	0.126	1.00	1	05/14/2022 19:57	WG1863855
trans-1,2-Dichloroethene	15.9		0.149	1.00	1	05/14/2022 19:57	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 19:57	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 19:57	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 19:57	WG1863855
Ethylbenzene	4.58		0.137	1.00	1	05/14/2022 19:57	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 19:57	WG1863855
Isopropylbenzene	0.782	J	0.105	1.00	1	05/14/2022 19:57	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 19:57	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 19:57	WG1863855
Methyl Cyclohexane	2.09		0.660	1.00	1	05/14/2022 19:57	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 19:57	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 19:57	WG1863855
Methyl tert-butyl ether	124		0.101	1.00	1	05/14/2022 19:57	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 19:57	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 19:57	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 19:57	WG1863855
Toluene	0.419	J	0.278	1.00	1	05/14/2022 19:57	WG1863855

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 19:57	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 19:57	WG1863855
1,1,1-Trichloroethane	U		0.149	1.00	1	05/14/2022 19:57	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 19:57	WG1863855
Trichloroethene	0.300	J	0.190	1.00	1	05/14/2022 19:57	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 19:57	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 19:57	WG1863855
Vinyl chloride	9.17		0.234	1.00	1	05/14/2022 19:57	WG1863855
Xylenes, Total	2.71	J	0.174	3.00	1	05/14/2022 19:57	WG1863855
(S) Toluene-d8	*101*			*80.0-120*		*05/14/2022 19:57*	WG1863855
(S) 4-Bromofluorobenzene	*90.3*			*77.0-126*		*05/14/2022 19:57*	WG1863855
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*05/14/2022 19:57*	WG1863855

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	15000		18.0	100	1	05/26/2022 16:08	WG1863792

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	522000		8450	20000	1	05/18/2022 13:13	WG1864934

Sample Narrative:
L1490875-23 WG1864934: 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	3680	T8	150	500	10	05/26/2022 16:08	WG1869699

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	05/20/2022 20:47	WG1867235

Sample Narrative:
L1490875-23 WG1867235: Dilution due to sulfide hit.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	38700	T8	20000	1	05/18/2022 13:13	WG1864934

Sample Narrative:
L1490875-23 WG1864934: 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	36.0	J Q	25.0	50.0	1	05/18/2022 22:37	WG1865619

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2610000		37900	100000	100	05/25/2022 06:06	WG1868480
Sulfate	413000		5940	50000	10	05/25/2022 05:50	WG1868480

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)	31400		510	5000	5	05/23/2022 20:09	WG1868265

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18700		18.0	100	1	05/17/2022 17:51	WG1863792
Manganese	40.9		0.934	10.0	1	05/17/2022 17:51	WG1863792

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1510000		2520	15000	5	05/18/2022 15:32	WG1863792

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6520		2.91	10.0	1	05/16/2022 11:39	WG1864281
Ethane	251		4.07	13.0	1	05/16/2022 11:39	WG1864281
Ethene	127		4.26	13.0	1	05/16/2022 11:39	WG1864281

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	05/14/2022 20:18	WG1863855
Benzene	11.2		0.0941	1.00	1	05/14/2022 20:18	WG1863855
Bromochloromethane	U		0.128	1.00	1	05/14/2022 20:18	WG1863855
Bromodichloromethane	U		0.136	1.00	1	05/14/2022 20:18	WG1863855
Bromoform	U		0.129	1.00	1	05/14/2022 20:18	WG1863855
Bromomethane	U		0.605	5.00	1	05/14/2022 20:18	WG1863855
Carbon disulfide	U	C3	0.0962	1.00	1	05/14/2022 20:18	WG1863855
Carbon tetrachloride	U		0.128	1.00	1	05/14/2022 20:18	WG1863855
Chlorobenzene	U		0.116	1.00	1	05/14/2022 20:18	WG1863855
Chlorodibromomethane	U		0.140	1.00	1	05/14/2022 20:18	WG1863855
Chloroethane	U		0.192	5.00	1	05/14/2022 20:18	WG1863855
Chloroform	U		0.111	5.00	1	05/14/2022 20:18	WG1863855
Chloromethane	U		0.960	2.50	1	05/14/2022 20:18	WG1863855
Cyclohexane	0.394	J	0.188	1.00	1	05/14/2022 20:18	WG1863855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/14/2022 20:18	WG1863855
1,2-Dibromoethane	U		0.126	1.00	1	05/14/2022 20:18	WG1863855
1,2-Dichlorobenzene	U		0.107	1.00	1	05/14/2022 20:18	WG1863855
1,3-Dichlorobenzene	U		0.110	1.00	1	05/14/2022 20:18	WG1863855
1,4-Dichlorobenzene	U		0.120	1.00	1	05/14/2022 20:18	WG1863855
Dichlorodifluoromethane	U		0.374	5.00	1	05/14/2022 20:18	WG1863855
1,1-Dichloroethane	0.344	J	0.100	1.00	1	05/14/2022 20:18	WG1863855
1,2-Dichloroethane	U		0.0819	1.00	1	05/14/2022 20:18	WG1863855
1,1-Dichloroethene	U		0.188	1.00	1	05/14/2022 20:18	WG1863855
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	05/14/2022 20:18	WG1863855
trans-1,2-Dichloroethene	12.0		0.149	1.00	1	05/14/2022 20:18	WG1863855
1,2-Dichloropropane	U		0.149	1.00	1	05/14/2022 20:18	WG1863855
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/14/2022 20:18	WG1863855
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/14/2022 20:18	WG1863855
Ethylbenzene	7.81		0.137	1.00	1	05/14/2022 20:18	WG1863855
2-Hexanone	U		0.787	10.0	1	05/14/2022 20:18	WG1863855
Isopropylbenzene	0.851	J	0.105	1.00	1	05/14/2022 20:18	WG1863855
2-Butanone (MEK)	U		1.19	10.0	1	05/14/2022 20:18	WG1863855
Methyl Acetate	U		1.29	20.0	1	05/14/2022 20:18	WG1863855
Methyl Cyclohexane	U		0.660	1.00	1	05/14/2022 20:18	WG1863855
Methylene Chloride	U		0.430	5.00	1	05/14/2022 20:18	WG1863855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/14/2022 20:18	WG1863855
Methyl tert-butyl ether	180		0.101	1.00	1	05/14/2022 20:18	WG1863855
Styrene	U		0.118	1.00	1	05/14/2022 20:18	WG1863855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/14/2022 20:18	WG1863855
Tetrachloroethene	U	C3	0.300	1.00	1	05/14/2022 20:18	WG1863855
Toluene	1.50		0.278	1.00	1	05/14/2022 20:18	WG1863855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/14/2022 20:18	WG1863855
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	05/14/2022 20:18	WG1863855

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	05/14/2022 20:18	WG1863855
1,1,2-Trichloroethane	U		0.158	1.00	1	05/14/2022 20:18	WG1863855
Trichloroethene	0.271	J	0.190	1.00	1	05/14/2022 20:18	WG1863855
Trichlorofluoromethane	U		0.160	5.00	1	05/14/2022 20:18	WG1863855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/14/2022 20:18	WG1863855
Vinyl chloride	0.623	J	0.234	1.00	1	05/14/2022 20:18	WG1863855
Xylenes, Total	15.5		0.174	3.00	1	05/14/2022 20:18	WG1863855
(S) Toluene-d8	*100*			*80.0-120*		*05/14/2022 20:18*	WG1863855
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*05/14/2022 20:18*	WG1863855
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*05/14/2022 20:18*	WG1863855

Method Blank (MB)

(MB) R3793554-2 05/18/22 16:31

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

L1490875-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-01 05/18/22 16:33 • (DUP) R3793554-4 05/18/22 16:36

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	274000	273000	1	0.321		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1490875-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-12 05/18/22 17:30 • (DUP) R3793554-6 05/18/22 17:35

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

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

Laboratory Control Sample (LCS)

(LCS) R3793554-1 05/18/22 16:28

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) R3793350-2 05/18/22 13:04

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

L1490924-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490924-01 05/18/22 13:18 • (DUP) R3793350-4 05/18/22 13:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	254000	242000	1	4.57		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1491971-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1491971-01 05/18/22 14:38 • (DUP) R3793350-6 05/18/22 14:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	86000	90900	1	5.52		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

Laboratory Control Sample (LCS)

(LCS) R3793350-1 05/18/22 12:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	102000	102	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3793849-3 05/19/22 13:03

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

L1492126-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1492126-01 05/19/22 13:18 • (DUP) R3793849-5 05/19/22 13:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	89300	86800	1	2.84		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1495088-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1495088-05 05/19/22 15:34 • (DUP) R3793849-7 05/19/22 15:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	158000	131000	1	18.8		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3793849-1 05/19/22 12:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	103000	103	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3789798-1 05/09/22 16:11

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

L1490428-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1490428-08 05/09/22 16:13 • (DUP) R3789798-5 05/09/22 16:13

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	77.0	76.0	1	1.31		20

L1490428-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1490428-12 05/09/22 16:16 • (DUP) R3789798-6 05/09/22 16:16

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	501	495	1	1.20		20

Laboratory Control Sample (LCS)

(LCS) R3789798-2 05/09/22 16:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	997	99.7	85.0-115	

L1490428-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490428-05 05/09/22 16:12 • (MS) R3789798-3 05/09/22 16:12 • (MSD) R3789798-4 05/09/22 16:12

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	984	985	98.4	98.5	1	80.0-120			0.102	20

Method Blank (MB)

(MB) R3794532-1 05/21/22 16:46

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

L1489797-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1489797-01 05/21/22 16:47 • (DUP) R3794532-3 05/21/22 16:48

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

L1490875-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-17 05/21/22 16:59 • (DUP) R3794532-6 05/21/22 17:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	912	914	1	0.219		20

Laboratory Control Sample (LCS)

(LCS) R3794532-2 05/21/22 16:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	932	93.2	85.0-115	

L1489797-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1489797-03 05/21/22 16:48 • (MS) R3794532-4 05/21/22 16:49 • (MSD) R3794532-5 05/21/22 16:50

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	31.0	535	538	50.4	50.7	1	80.0-120	J6	J6	0.559	20

QUALITY CONTROL SUMMARY

L1490875-23

Method Blank (MB)

(MB) R3796588-1 05/26/22 16:00

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

L1493787-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1493787-31 05/26/22 16:16 • (DUP) R3796588-3 05/26/22 16:16

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	46.0	55.0	1	17.8		20

L1497001-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1497001-08 05/26/22 16:25 • (DUP) R3796588-6 05/26/22 16:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	167	144	1	14.8		20

Laboratory Control Sample (LCS)

(LCS) R3796588-2 05/26/22 16:02

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	1070	107	85.0-115	

L1495757-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1495757-05 05/26/22 16:20 • (MS) R3796588-4 05/26/22 16:21 • (MSD) R3796588-5 05/26/22 16:21

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	39.0	608	624	56.9	58.5	1	80.0-120	J6	J6	2.60	20

Method Blank (MB)

(MB) R3794015-1 05/20/22 00:23

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

L1490875-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-01 05/20/22 00:42 • (DUP) R3794015-3 05/20/22 00:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate-Nitrite	69.8	74.7	1	6.78	J	20

L1493397-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1493397-01 05/20/22 01:23 • (DUP) R3794015-11 05/20/22 01:25

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate-Nitrite	5650	5650	5	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3794015-2 05/20/22 00:25

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Nitrate-Nitrite	2500	2580	103	90.0-110	

L1490875-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1490875-01 05/20/22 00:42 • (MS) R3794015-4 05/20/22 00:45

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Nitrate-Nitrite	2500	69.8	2690	105	1	90.0-110	

L1493397-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1493397-01 05/20/22 01:23 • (MS) R3794015-12 05/20/22 01:26 • (MSD) R3794015-13 05/20/22 01:27

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	%	%		%			%	%
Nitrate-Nitrite	2500	5650	8250	8250	104	104	5	90.0-110			0.000	20

Method Blank (MB)

(MB) R3794408-1 05/20/22 20:10

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

L1490875-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-12 05/20/22 20:27 • (DUP) R3794408-3 05/20/22 20:28

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

L1491142-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1491142-01 05/20/22 20:48 • (DUP) R3794408-6 05/20/22 20:49

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

Laboratory Control Sample (LCS)

(LCS) R3794408-2 05/20/22 20:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Nitrate-Nitrite	2500	2550	102	90.0-110	

L1490875-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-12 05/20/22 20:27 • (MS) R3794408-4 05/20/22 20:29 • (MSD) R3794408-5 05/20/22 20:30

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	%	%		%			%	%
Nitrate-Nitrite	2500	U	2590	2560	104	102	1	90.0-110			1.17	20

L1491142-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1491142-01 05/20/22 20:48 • (MS) R3794408-7 05/20/22 20:51

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Nitrate-Nitrite	2500	U	2520	101	1	90.0-110	

Method Blank (MB)

(MB) R3793554-3 05/18/22 16:31

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Free Carbon Dioxide	38700		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1490875-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-12 05/18/22 17:30 • (DUP) R3793554-7 05/18/22 17:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Free Carbon Dioxide	ND	ND	1	200	P1	20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1490875-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-01 05/18/22 16:33 • (DUP) R3793554-5 05/18/22 16:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Free Carbon Dioxide	85500	82800	1	3.22		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

Method Blank (MB)

(MB) R3793350-3 05/18/22 13:04

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

Sample Narrative:

BLANK: Endpoint pH 4.5

L1490924-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490924-01 05/18/22 13:18 • (DUP) R3793350-5 05/18/22 13:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	19600	ND	1	9.05		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1491971-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1491971-01 05/18/22 14:38 • (DUP) R3793350-7 05/18/22 14:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

Method Blank (MB)

(MB) R3793849-4 05/19/22 13:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	15700	J	6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1492126-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1492126-01 05/19/22 13:18 • (DUP) R3793849-6 05/19/22 13:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	U	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1495088-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1495088-05 05/19/22 15:34 • (DUP) R3793849-8 05/19/22 15:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	U	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Method Blank (MB)

(MB) R3791390-1 05/12/22 20:02

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

L1490746-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1490746-25 05/12/22 20:03 • (DUP) R3791390-3 05/12/22 20:03

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

L1490875-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-21 05/12/22 20:17 • (DUP) R3791390-6 05/12/22 20:17

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) R3791390-2 05/12/22 20:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	531	106	85.0-115	

L1490875-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-08 05/12/22 20:13 • (MS) R3791390-4 05/12/22 20:13 • (MSD) R3791390-5 05/12/22 20:13

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	500	U	468	500	93.6	100	1	80.0-120			6.61	20

Method Blank (MB)

(MB) R3791415-1 05/13/22 02:31

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

L1485725-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1485725-10 05/13/22 02:31 • (DUP) R3791415-3 05/13/22 02:32

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

Sample Narrative:

OS: Ran out of hold due to supply chain issues.

L1490875-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-22 05/13/22 02:36 • (DUP) R3791415-6 05/13/22 02:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	41.0	40.0	1	2.47	J	20

Sample Narrative:

OS: Ran out of hold due to supply chain issues.

Laboratory Control Sample (LCS)

(LCS) R3791415-2 05/13/22 02:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	522	104	85.0-115	

L1486623-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1486623-01 05/13/22 02:33 • (MS) R3791415-4 05/13/22 02:33 • (MSD) R3791415-5 05/13/22 02:33

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	500	U	482	480	96.4	96.0	1	80.0-120			0.416	20

Sample Narrative:

L1486623-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1486623-01 05/13/22 02:33 • (MS) R3791415-4 05/13/22 02:33 • (MSD) R3791415-5 05/13/22 02:33

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%

OS: Ran out of hold due to supply chain issues.

Method Blank (MB)

(MB) R3793454-1 05/18/22 22:25

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

L1491102-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1491102-01 05/18/22 22:38 • (DUP) R3793454-6 05/18/22 22:39

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfide	92.0	98.0	1	6.32		20

Laboratory Control Sample (LCS)

(LCS) R3793454-2 05/18/22 22:27

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	537	107	85.0-115	

L1490875-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-12 05/18/22 22:35 • (MS) R3793454-4 05/18/22 22:36 • (MSD) R3793454-5 05/18/22 22:36

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	500	U	480	501	96.0	100	1	80.0-120			4.28	20

Method Blank (MB)

(MB) R3795155-1 05/23/22 14:30

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

L1490756-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1490756-11 05/23/22 21:20 • (DUP) R3795155-3 05/23/22 21:36

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	471000	472000	1	0.320	E	15
Sulfate	41100	41000	1	0.101		15

L1490842-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1490842-03 05/23/22 23:44 • (DUP) R3795155-6 05/24/22 00:00

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	21500	21600	1	0.632		15
Sulfate	2300	2280	1	1.07	J	15

Laboratory Control Sample (LCS)

(LCS) R3795155-2 05/23/22 14:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40200	100	80.0-120	
Sulfate	40000	40300	101	80.0-120	

L1490756-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490756-11 05/23/22 21:20 • (MS) R3795155-4 05/23/22 22:24 • (MSD) R3795155-5 05/23/22 22:40

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	471000	499000	500000	57.5	59.2	1	80.0-120	E V	E V	0.169	15
Sulfate	50000	41100	91100	90200	100	98.2	1	80.0-120			1.07	15

L1490842-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1490842-03 05/23/22 23:44 • (MS) R3795155-7 05/24/22 00:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	21500	69700	96.4	1	80.0-120	
Sulfate	50000	2300	51300	98.0	1	80.0-120	

Method Blank (MB)

(MB) R3795691-1 05/24/22 23:31

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

L1490754-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1490754-01 05/25/22 00:22 • (DUP) R3795691-3 05/25/22 00:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	39300	39200	1	0.113		15
Sulfate	62800	62800	1	0.0147		15

L1490875-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-12 05/25/22 04:29 • (DUP) R3795691-6 05/25/22 05:07

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3795691-2 05/24/22 23:43

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Chloride	40000	40300	101	80.0-120	
Sulfate	40000	40900	102	80.0-120	

L1490754-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490754-01 05/25/22 00:22 • (MS) R3795691-4 05/25/22 00:48 • (MSD) R3795691-5 05/25/22 01:00

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	%	%		%			%	%
Chloride	50000	39300	90000	90700	102	103	1	80.0-120			0.717	15
Sulfate	50000	62800	112000	113000	98.2	99.7	1	80.0-120	E	E	0.646	15

L1490875-12 Original Sample (OS) • Matrix Spike (MS)

(OS) L1490875-12 05/25/22 04:29 • (MS) R3795691-7 05/25/22 05:20

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	U	51200	102	1	80.0-120	
Sulfate	50000	U	51200	102	1	80.0-120	

Method Blank (MB)

(MB) R3795803-1 05/25/22 00:45

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

L1490907-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1490907-06 05/25/22 06:54 • (DUP) R3795803-5 05/25/22 07:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	239000	239000	1	0.00264	E	15
Sulfate	99700	99600	1	0.103		15

L1491192-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1491192-11 05/25/22 12:19 • (DUP) R3795803-6 05/25/22 12:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	16200	16200	1	0.110		15
Sulfate	14600	14500	1	0.209		15

Laboratory Control Sample (LCS)

(LCS) R3795803-2 05/25/22 01:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40900	102	80.0-120	
Sulfate	40000	41200	103	80.0-120	

L1490875-21 Original Sample (OS) • Matrix Spike (MS)

(OS) L1490875-21 05/25/22 03:59 • (MS) R3795803-4 05/25/22 04:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	930000	934000	7.89	1	80.0-120	E V
Sulfate	50000	61500	111000	100	1	80.0-120	E

L1491192-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1491192-11 05/25/22 12:19 • (MS) R3795803-7 05/25/22 12:50 • (MSD) R3795803-8 05/25/22 13:06

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	16200	61800	61700	91.3	91.0	1	80.0-120			0.226	15
Sulfate	50000	14600	61200	60800	93.3	92.6	1	80.0-120			0.603	15

Method Blank (MB)

(MB) R3794895-2 05/21/22 17:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	662	J	102	1000

Laboratory Control Sample (LCS)

(LCS) R3794895-1 05/21/22 17:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	75000	100	85.0-115	

L1490749-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490749-09 05/21/22 22:42 • (MS) R3794895-7 05/21/22 23:09 • (MSD) R3794895-8 05/21/22 23:36

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	25500	74600	76300	98.2	102	1	80.0-120			2.29	20

Method Blank (MB)

(MB) R3796550-2 05/26/22 14:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	473	J	102	1000

L1490875-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-07 05/26/22 20:04 • (DUP) R3796550-5 05/26/22 20:26

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	16300	16100	1	0.865		20

L1490875-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-08 05/26/22 21:27 • (DUP) R3796550-6 05/26/22 21:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	21400	20700	1	3.04		20

Laboratory Control Sample (LCS)

(LCS) R3796550-1 05/26/22 14:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	78900	105	85.0-115	

L1490875-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-05 05/26/22 18:32 • (MS) R3796550-3 05/26/22 18:57 • (MSD) R3796550-4 05/26/22 19:21

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	15100	69600	69800	109	109	1	80.0-120			0.244	20

L1490875-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-12 05/26/22 22:50 • (MS) R3796550-7 05/26/22 23:11 • (MSD) R3796550-8 05/26/22 23:33

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	286	53700	53900	107	107	1	80.0-120			0.409	20

Method Blank (MB)

(MB) R3795300-2 05/23/22 19:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	500	J	102	1000

L1491192-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1491192-10 05/23/22 22:03 • (DUP) R3795300-5 05/23/22 22:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	6190	6270	1	1.35		20

L1491197-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1491197-01 05/23/22 23:31 • (DUP) R3795300-6 05/23/22 23:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	2880	3290	1	13.2		20

Laboratory Control Sample (LCS)

(LCS) R3795300-1 05/23/22 19:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	74600	99.4	85.0-115	

L1491192-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1491192-08 05/23/22 20:40 • (MS) R3795300-3 05/23/22 21:04 • (MSD) R3795300-4 05/23/22 21:24

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	1790	51300	51600	99.1	99.5	1	80.0-120			0.428	20

L1491379-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1491379-05 05/24/22 00:45 • (MS) R3795300-7 05/24/22 01:10 • (MSD) R3795300-8 05/24/22 01:30

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	790	50100	50400	98.6	99.3	1	80.0-120			0.657	20

Method Blank (MB)

(MB) R3791954-1 05/13/22 17:44

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) R3791954-2 05/13/22 17:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9720	97.2	80.0-120	
Manganese	1000	999	99.9	80.0-120	
Sodium	10000	10500	105	80.0-120	

L1490805-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490805-04 05/13/22 17:50 • (MS) R3791954-4 05/13/22 17:55 • (MSD) R3791954-5 05/13/22 17:58

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	745	10300	10300	95.5	95.9	1	75.0-125			0.361	20
Manganese	1000	729	1700	1700	96.8	97.1	1	75.0-125			0.170	20
Sodium	10000	2570	12600	12700	100	101	1	75.0-125			0.268	20

Method Blank (MB)

(MB) R3792446-1 05/16/22 18:30

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) R3792446-2 05/16/22 18:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9850	98.5	80.0-120	
Manganese	1000	985	98.5	80.0-120	
Sodium	10000	10000	100	80.0-120	

L1490764-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490764-01 05/16/22 18:36 • (MS) R3792446-4 05/16/22 18:42 • (MSD) R3792446-5 05/16/22 18:45

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	796	10300	10200	95.3	94.2	1	75.0-125			1.11	20
Manganese	1000	252	1190	1180	93.9	93.0	1	75.0-125			0.744	20
Sodium	10000	664000	663000	662000	0.000	0.000	1	75.0-125	V	V	0.0438	20

Method Blank (MB)

(MB) R3792279-1 05/16/22 10:46

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) R3792279-2 05/16/22 10:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9730	97.3	80.0-120	
Manganese	1000	980	98.0	80.0-120	
Sodium	10000	10100	101	80.0-120	

L1490875-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1490875-14 05/16/22 10:51 • (MS) R3792279-4 05/16/22 10:57 • (MSD) R3792279-5 05/16/22 10:59

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	803	10400	10400	96.3	95.7	1	75.0-125			0.605	20
Manganese	1000	1240	2150	2150	91.5	91.8	1	75.0-125			0.180	20
Sodium	10000	1220000	1200000	1210000	0.000	0.000	1	75.0-125	E V	E V	0.939	20

Method Blank (MB)

(MB) R3792942-1 05/17/22 17:35

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

Laboratory Control Sample (LCS)

(LCS) R3792942-2 05/17/22 17:38

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	10000	9510	95.1	80.0-120	
Manganese	1000	904	90.4	80.0-120	
Sodium	10000	9790	97.9	80.0-120	

L1491132-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1491132-01 05/17/22 17:40 • (MS) R3792942-4 05/17/22 17:46 • (MSD) R3792942-5 05/17/22 17:48

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	%	%		%			%	%
Iron	10000	456	10100	9740	96.1	92.8	1	75.0-125			3.33	20
Manganese	1000	27.5	924	906	89.7	87.9	1	75.0-125			1.98	20
Sodium	10000	57100	65500	64100	84.5	70.5	1	75.0-125		V	2.16	20

Method Blank (MB)

(MB) R3792174-2 05/16/22 09:20

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

L1490875-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-04 05/16/22 09:35 • (DUP) R3792174-3 05/16/22 10:24

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

L1490875-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1490875-11 05/16/22 10:27 • (DUP) R3792174-4 05/16/22 11:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
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) R3792174-1 05/16/22 09:17 • (LCSD) R3792174-5 05/16/22 11:17

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 %
Methane	67.8	66.9	69.0	98.7	102	85.0-115			3.09	20
Ethane	129	118	116	91.5	89.9	85.0-115			1.71	20
Ethene	127	119	117	93.7	92.1	85.0-115			1.69	20

Method Blank (MB)

(MB) R3792233-2 05/16/22 11:34

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

L1490895-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1490895-04 05/16/22 11:49 • (DUP) R3792233-3 05/16/22 12:07

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

L1491142-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1491142-11 05/16/22 12:48 • (DUP) R3792233-4 05/16/22 12:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	438	432	1	1.38		20
Ethane	10.3	10.3	1	0.000	J	20
Ethene	U	U	1	0.000		20

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

(LCS) R3792233-1 05/16/22 11:30 • (LCSD) R3792233-5 05/16/22 12:54

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 %
Methane	67.8	70.7	71.5	104	105	85.0-115			1.13	20
Ethane	129	117	115	90.7	89.1	85.0-115			1.72	20
Ethene	127	118	116	92.9	91.3	85.0-115			1.71	20

Method Blank (MB)

(MB) R3792351-2 05/16/22 15:09

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

L1491971-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1491971-02 05/16/22 15:38 • (DUP) R3792351-3 05/16/22 15:41

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) R3792351-1 05/16/22 15:04 • (LCSD) R3792351-4 05/16/22 15:45

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	72.1	71.6	106	106	85.0-115			0.696	20

Method Blank (MB)

(MB) R3790900-3 05/11/22 22:36

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) R3790900-3 05/11/22 22:36

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	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*

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

(LCS) R3790900-1 05/11/22 21:38 • (LCSD) R3790900-2 05/11/22 21:57

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	31.8	116	127	19.0-160			8.87	27
Benzene	5.00	4.88	4.96	97.6	99.2	70.0-123			1.63	20
Bromochloromethane	5.00	4.72	4.63	94.4	92.6	76.0-122			1.93	20
Bromodichloromethane	5.00	4.90	5.08	98.0	102	75.0-120			3.61	20
Bromoform	5.00	4.41	4.28	88.2	85.6	68.0-132			2.99	20
Bromomethane	5.00	4.94	5.11	98.8	102	10.0-160			3.38	25
Carbon disulfide	5.00	4.31	4.44	86.2	88.8	61.0-128			2.97	20
Carbon tetrachloride	5.00	4.75	4.81	95.0	96.2	68.0-126			1.26	20
Chlorobenzene	5.00	4.74	4.73	94.8	94.6	80.0-121			0.211	20
Chlorodibromomethane	5.00	4.55	4.69	91.0	93.8	77.0-125			3.03	20
Chloroethane	5.00	4.97	5.05	99.4	101	47.0-150			1.60	20
Chloroform	5.00	4.95	4.85	99.0	97.0	73.0-120			2.04	20
Chloromethane	5.00	5.00	4.92	100	98.4	41.0-142			1.61	20
Cyclohexane	5.00	4.01	4.31	80.2	86.2	71.0-124			7.21	20
1,2-Dibromo-3-Chloropropane	5.00	3.83	4.09	76.6	81.8	58.0-134			6.57	20
1,2-Dibromoethane	5.00	5.09	5.18	102	104	80.0-122			1.75	20
1,2-Dichlorobenzene	5.00	4.34	4.49	86.8	89.8	79.0-121			3.40	20
1,3-Dichlorobenzene	5.00	4.51	4.56	90.2	91.2	79.0-120			1.10	20
1,4-Dichlorobenzene	5.00	4.72	4.63	94.4	92.6	79.0-120			1.93	20
Dichlorodifluoromethane	5.00	4.58	4.52	91.6	90.4	51.0-149			1.32	20

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

(LCS) R3790900-1 05/11/22 21:38 • (LCSD) R3790900-2 05/11/22 21:57

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	4.94	4.90	98.8	98.0	70.0-126			0.813	20
1,2-Dichloroethane	5.00	5.33	5.52	107	110	70.0-128			3.50	20
1,1-Dichloroethene	5.00	4.29	4.50	85.8	90.0	71.0-124			4.78	20
cis-1,2-Dichloroethene	5.00	4.73	4.94	94.6	98.8	73.0-120			4.34	20
trans-1,2-Dichloroethene	5.00	4.57	4.56	91.4	91.2	73.0-120			0.219	20
1,2-Dichloropropane	5.00	5.45	5.01	109	100	77.0-125			8.41	20
cis-1,3-Dichloropropene	5.00	4.79	5.15	95.8	103	80.0-123			7.24	20
trans-1,3-Dichloropropene	5.00	4.89	5.25	97.8	105	78.0-124			7.10	20
Ethylbenzene	5.00	4.39	4.69	87.8	93.8	79.0-123			6.61	20
2-Hexanone	25.0	27.2	28.7	109	115	67.0-149			5.37	20
Isopropylbenzene	5.00	4.20	4.35	84.0	87.0	76.0-127			3.51	20
2-Butanone (MEK)	25.0	30.8	33.0	123	132	44.0-160			6.90	20
Methyl Acetate	25.0	28.0	29.2	112	117	57.0-148			4.20	20
Methyl Cyclohexane	5.00	4.29	4.39	85.8	87.8	68.0-126			2.30	20
Methylene Chloride	5.00	4.90	4.96	98.0	99.2	67.0-120			1.22	20
4-Methyl-2-pentanone (MIBK)	25.0	27.5	28.3	110	113	68.0-142			2.87	20
Methyl tert-butyl ether	5.00	5.05	4.96	101	99.2	68.0-125			1.80	20
Styrene	5.00	4.16	4.19	83.2	83.8	73.0-130			0.719	20
1,1,2,2-Tetrachloroethane	5.00	4.67	4.65	93.4	93.0	65.0-130			0.429	20
Tetrachloroethene	5.00	4.44	4.30	88.8	86.0	72.0-132			3.20	20
Toluene	5.00	4.67	4.81	93.4	96.2	79.0-120			2.95	20
1,2,3-Trichlorobenzene	5.00	3.82	4.01	76.4	80.2	50.0-138			4.85	20
1,2,4-Trichlorobenzene	5.00	3.28	3.31	65.6	66.2	57.0-137			0.910	20
1,1,1-Trichloroethane	5.00	4.69	4.75	93.8	95.0	73.0-124			1.27	20
1,1,2-Trichloroethane	5.00	5.11	5.17	102	103	80.0-120			1.17	20
Trichloroethene	5.00	4.60	4.60	92.0	92.0	78.0-124			0.000	20
Trichlorofluoromethane	5.00	2.66	2.51	53.2	50.2	59.0-147	J4	J4	5.80	20
1,1,2-Trichlorotrifluoroethane	5.00	4.23	4.33	84.6	86.6	69.0-132			2.34	20
Vinyl chloride	5.00	4.65	5.13	93.0	103	67.0-131			9.82	20
Xylenes, Total	15.0	13.0	13.5	86.7	90.0	79.0-123			3.77	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.3*	*98.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*119*	*116*	*70.0-130*				

Method Blank (MB)

(MB) R3790992-3 05/12/22 07:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methyl tert-butyl ether	U		0.101	1.00
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

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

(LCS) R3790992-1 05/12/22 06:42 • (LCSD) R3790992-2 05/12/22 07:02

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 %
Methyl tert-butyl ether	5.00	5.44	5.40	109	108	68.0-125			0.738	20
(S) Toluene-d8				*102*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.6*	*97.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*102*	*70.0-130*				

Method Blank (MB)

(MB) R3792017-3 05/14/22 12:53

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) R3792017-3 05/14/22 12:53

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	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

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

(LCS) R3792017-1 05/14/22 11:32 • (LCSD) R3792017-2 05/14/22 11:52

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	22.6	23.7	90.4	94.8	19.0-160			4.75	27
Benzene	5.00	4.62	4.47	92.4	89.4	70.0-123			3.30	20
Bromochloromethane	5.00	4.74	4.62	94.8	92.4	76.0-122			2.56	20
Bromodichloromethane	5.00	4.67	4.66	93.4	93.2	75.0-120			0.214	20
Bromoform	5.00	4.12	4.18	82.4	83.6	68.0-132			1.45	20
Bromomethane	5.00	4.65	4.90	93.0	98.0	10.0-160			5.24	25
Carbon disulfide	5.00	3.59	3.88	71.8	77.6	61.0-128			7.76	20
Carbon tetrachloride	5.00	4.65	4.81	93.0	96.2	68.0-126			3.38	20
Chlorobenzene	5.00	4.33	4.36	86.6	87.2	80.0-121			0.690	20
Chlorodibromomethane	5.00	4.80	4.38	96.0	87.6	77.0-125			9.15	20
Chloroethane	5.00	4.98	4.81	99.6	96.2	47.0-150			3.47	20
Chloroform	5.00	4.78	4.99	95.6	99.8	73.0-120			4.30	20
Chloromethane	5.00	4.21	4.36	84.2	87.2	41.0-142			3.50	20
Cyclohexane	5.00	4.24	4.49	84.8	89.8	71.0-124			5.73	20
1,2-Dibromo-3-Chloropropane	5.00	3.90	4.00	78.0	80.0	58.0-134			2.53	20
1,2-Dibromoethane	5.00	4.78	4.73	95.6	94.6	80.0-122			1.05	20
1,2-Dichlorobenzene	5.00	5.05	4.35	101	87.0	79.0-121			14.9	20
1,3-Dichlorobenzene	5.00	4.83	4.55	96.6	91.0	79.0-120			5.97	20
1,4-Dichlorobenzene	5.00	4.67	4.36	93.4	87.2	79.0-120			6.87	20
Dichlorodifluoromethane	5.00	4.59	4.63	91.8	92.6	51.0-149			0.868	20

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

(LCS) R3792017-1 05/14/22 11:32 • (LCSD) R3792017-2 05/14/22 11:52

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	4.81	4.36	96.2	87.2	70.0-126			9.81	20
1,2-Dichloroethane	5.00	5.27	4.86	105	97.2	70.0-128			8.09	20
1,1-Dichloroethene	5.00	4.32	4.26	86.4	85.2	71.0-124			1.40	20
cis-1,2-Dichloroethene	5.00	3.96	4.38	79.2	87.6	73.0-120			10.1	20
trans-1,2-Dichloroethene	5.00	4.29	4.21	85.8	84.2	73.0-120			1.88	20
1,2-Dichloropropane	5.00	4.53	4.68	90.6	93.6	77.0-125			3.26	20
cis-1,3-Dichloropropene	5.00	4.39	4.27	87.8	85.4	80.0-123			2.77	20
trans-1,3-Dichloropropene	5.00	4.69	4.31	93.8	86.2	78.0-124			8.44	20
Ethylbenzene	5.00	4.21	4.24	84.2	84.8	79.0-123			0.710	20
2-Hexanone	25.0	23.4	22.7	93.6	90.8	67.0-149			3.04	20
Isopropylbenzene	5.00	4.23	4.17	84.6	83.4	76.0-127			1.43	20
2-Butanone (MEK)	25.0	23.4	23.5	93.6	94.0	44.0-160			0.426	20
Methyl Acetate	25.0	23.7	23.1	94.8	92.4	57.0-148			2.56	20
Methyl Cyclohexane	5.00	4.53	4.16	90.6	83.2	68.0-126			8.52	20
Methylene Chloride	5.00	5.03	5.39	101	108	67.0-120			6.91	20
4-Methyl-2-pentanone (MIBK)	25.0	24.0	23.7	96.0	94.8	68.0-142			1.26	20
Methyl tert-butyl ether	5.00	4.92	4.87	98.4	97.4	68.0-125			1.02	20
Styrene	5.00	4.24	4.07	84.8	81.4	73.0-130			4.09	20
1,1,2,2-Tetrachloroethane	5.00	4.27	4.07	85.4	81.4	65.0-130			4.80	20
Tetrachloroethene	5.00	3.81	4.25	76.2	85.0	72.0-132			10.9	20
Toluene	5.00	4.46	4.31	89.2	86.2	79.0-120			3.42	20
1,2,3-Trichlorobenzene	5.00	4.03	4.34	80.6	86.8	50.0-138			7.41	20
1,2,4-Trichlorobenzene	5.00	3.92	4.00	78.4	80.0	57.0-137			2.02	20
1,1,1-Trichloroethane	5.00	4.81	4.68	96.2	93.6	73.0-124			2.74	20
1,1,2-Trichloroethane	5.00	4.75	4.51	95.0	90.2	80.0-120			5.18	20
Trichloroethene	5.00	4.23	4.15	84.6	83.0	78.0-124			1.91	20
Trichlorofluoromethane	5.00	4.35	4.66	87.0	93.2	59.0-147			6.88	20
1,1,2-Trichlorotrifluoroethane	5.00	4.69	4.07	93.8	81.4	69.0-132			14.2	20
Vinyl chloride	5.00	4.63	4.58	92.6	91.6	67.0-131			1.09	20
Xylenes, Total	15.0	12.7	12.1	84.7	80.7	79.0-123			4.84	20
(S) Toluene-d8				*99.6*	*99.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.7*	*90.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*109*	*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

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.
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.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
T8	Sample(s) received past/too close to holding time expiration.

GLOSSARY OF TERMS

Qualifier	Description
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

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): Kurt Mayes / Avi Bell

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

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)
MW-27-D2-W-2205 05	Grab	GW		5/5/22	2330	11	X	X	X	X	X	X	X	X			-01
MW-28-D2R-W-2205 05	Grab	GW		5/5/22	2040	11	X	X	X	X	X	X	X	X			-02
MW-24-D2-W-2205 04	Grab	GW		5/4/22	2325	11	X	X	X	X	X	X	X	X			-03
MW-24-VDR-W-2205___		GW				11	X	X	X	X	X	X	X	X			
AMW-15-VD-W-2205 05	Grab	GW		5/5/22	0020	11	X	X	X	X	X	X	X	X			-04
AMW-7R-W-2205 05	Grab	GW		5/5/22	1955	11	X	X	X	X	X	X	X	X			-05
AMW-14-VD-W-2205 05	Grab	GW		5/5/22	2100	11	X	X	X	X	X	X	X	X			-06
AMW-14-D2-W-2205 05	Grab	GW		5/5/22	2120	11	X	X	X	X	X	X	X	X			-07
MW-28-D1-W-2205 05	Grab	GW		5/5/22	2020	11	X	X	X	X	X	X	X	X			-08
MW-26-D2-W-2205___		GW				11	X	X	X	X	X	X	X	X			

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
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

SDG # 1490875
H224
Table

Acctnum: CHEVARCNY
Template: T182105
Prelogin: P922000
PM: 526 - Chris McCord
PB: BW 4/29
Shipped Via: FedEX Priority

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: 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	If preservation required by Login: Date/Time
Kurt Mayes	5/6/22	1430		7	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.8 °C Bottles Received: 24	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/7/22 Time: 9:45	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 Vargas / Avi Bell

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

Chain of Custody Page 2 of 3

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # 1490875

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P922000**
PM: **526 - Chris McCord**
PB: BW 4/29

Shipped Via: **FedEx Priority**

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)
MW-18R-W-2205 05	Grab	GW		5/5/22	1925	11	X	X	X	X	X	X	X	X				-09
BD-W-2205 04	Grab	GW		5/5/22	—	11	X	X	X	X	X	X	X	X				-10
FB-W-2205 05	Grab	GW		5/5/22	0200	11	X	X	X	X	X	X	X	X				-11
FB-W-2205 04	Grab	GW		5/4/22	2355	11	X	X	X	X	X	X	X	X				-12
FB-W-2205___		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				
		GW				11	X	X	X	X	X	X	X	X				
TB-W-2205 04	Grab	GW		5/4/22	—	~~11~~ 7									X			-13
TB-W-2205___		GW				1									X			

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

Remarks: 5/7

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: 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	If preservation required by Login: Date/Time
Kirk Vargas	5/6/22	1430		7	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.8 °C Bottles Received: 249	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/7/22 Time: 945	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 Hayes / Avi Bell

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	Remarks	Sample # (lab only)
MW-23-D2R-W-2205 05	Grab	GW		5/5/22	0130	11	X	X	X	X	X	X	X	X			-14
AMW-15-D2-W-2205 04	Grab	GW		5/4/22	2350	11	X	X	X	X	X	X	X	X			-15
AMW-15-D3-W-2205 05	Grab	GW		5/5/22	0050	11	X	X	X	X	X	X	X	X			-16
MW-23-D1R-W-2205 05	Grab	GW		5/5/22	0150	11	X	X	X	X	X	X	X	X			-17
AMW-15-D1-W-2205 05	Grab	GW		5/5/22	0110	11	X	X	X	X	X	X	X	X			-18
MW-27-D1R-W-2205 05	Grab	GW		5/5/22	2310	11	X	X	X	X	X	X	X	X			-19
MW-26-D1-W-2205 05	Grab	GW		5/5/22	2200	11	X	X	X	X	X	X	X	X			-20
MW-29-D1-W-2205 05	Grab	GW		5/5/22	2345	11	X	X	X	X	X	X	X	X			-21
AMW-14-D1-W-2205 05	Grab	GW		5/5/22	2140	11	X	X	X	X	X	X	X	X			-22
MW-24-D1R-W-2205 04	Grab	GW		5/4/22	2310	11	X	X	X	X	X	X	X	X			-23

* 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 #

Relinquished by : (Signature) — Date: 5/6/22 — Time: 1430 — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature)

Trip Blank Received: (Yes) / No
HCL / MeoH
TBR
7

Temp: 2.8 °C Bottles Received: 249

Date: 5/7/22 Time: 9:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

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

Chain of Custody Page 3 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
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

SDG # 1490875

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P922000**
PM: **526 - Chris McCord**
PB: BW 4/29

Shipped Via: **FedEX Priority**

L1490875

Tracking Numbers	Temperature
5755 8089 7056	2.8
5755 8089 7100	1.7
5755 8089 7063	0.2
5755 8089 7041	0.9
5755 8089 7122	1.0
5755 8089 7111	2.0
5755 8089 7052	1.7