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Date: October 27, 2022
Our Ref: 30062947
Subject: **Third 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 US, Inc. (Arcadis) has prepared this Third 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 August 24 and 25, 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 August 24, 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™ that were deployed in select wells during the previous sampling event.

Monitoring wells were gauged during high tide at the site on August 24, 2022. Measured depth-to-groundwater in the D1 horizon ranged from 3.64 feet below top of inner casing (btic) in MW-29-D1 to 8.42 feet btic in MW-23-D1R. Measured depth-to-groundwater in the D2 horizon ranged from 3.76 feet btic in MW-29-D2 to 8.72 feet btic in MW-23-D2R. Measured depth-to-groundwater in the VD horizon ranged from 3.25 feet btic in MW-29-VD to 7.80 feet btic in AMW-15-VD. Groundwater elevation data were used to generate groundwater elevation contour maps for horizon D1, D2, and VD and are included as **Figures 3, 4, and 5**, respectively. The approximate groundwater flow direction for the D1 horizon is to the north-northwest, the D2 horizon is to the northeast, and for the VD horizon to the northwest and southwest. The well gauging data is summarized in **Table 1** and illustrated on **Figures 3, 4, and 5**.

Mr. Steven M. Scharf, P.E.
New York State Department of Environmental Conservation
October 27, 2022

Groundwater Sampling

On August 24 and 25, 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). Samples collected from wells AMW-7R, MW-27-D1R and MW-29-D1 were lost in transport via FedEx to the lab. Monitoring wells MW-24-VDR, AMW-15-D3 and MW-26-D2 were not sampled because the HydraSleeve™ in these wells 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:

- 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.
- Sulfate, sulfide, total organic carbon and ferric and ferrous iron were analyzed for monitored natural attenuation purposes and these results are not discussed herein nor are they included in subsequent tables.

The following summarizes the dissolved VOC constituents that were detected at a concentration greater than the respective NYSDEC Technical and Operational Guidance Series (TOGS) No. 1.1.1. Class GA standards and guidance values in the samples collected during the Q3 2022 sampling event:

- Benzene exceeded the Class GA standard of 1 microgram per Liter (µg/L) in groundwater samples collected from monitoring wells AMW-14-D1 (3.90 µg/L), AMW-15-D1 (4.13 µg/L), MW-18R (54.3 µg/L), MW-24-D1R (10.5 µg/L), and MW-26-D1 (8.97 µg/L).
- Ethylbenzene exceeded the Class GA standard of 5 µg/L in groundwater samples collected from monitoring well MW-24-D1R (7.55 µg/L).
- Total Xylenes exceeded the Class GA standard of 5 µg/L in groundwater samples collected from monitoring wells MW-24-D1R (13.7 µg/L) and MW-26-D1 (5.51 µg/L).
- Methyl tert-butyl ether (MTBE) exceeded the Class GA standard of 10 µg/L in groundwater samples collected from monitoring wells AMW-14-D1 (102 µg/L), AMW-14-D2 (14.6 µg/L), AMW-15-D1 (69.7 µg/L), AMW-15-D2 (21.5 µg/L), MW-18R (86.8 µg/L), MW-23-D1R (66.0 µg/L), MW-23-D2R (20.1 µg/L), MW-24-D1R (186 µg/L), MW-24-D2 (20.0 µg/L), and MW-26-D1 (65.0 µg/L).

- Vinyl chloride exceeded the Class GA standard of 2 µg/L at monitoring wells AMW-14-D1 (5.48 µg/L) and MW-26-D1 (3.05 µg/L).
- Trans-1,2-dichloroethene exceeded the Class GA standard of 5 µg/L in groundwater samples collected from monitoring wells AMW-14-D1 (14.5 µg/L) and MW-24-D1R (11.8 µg/L).

A blind duplicate sample was collected from monitoring well MW-24-D1R. Duplicate sample results were within acceptable ranges of the parent 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 November 2022. If you have any questions regarding this progress report or require any additional information, please do not hesitate to contact me at 724.934.9532 or at Alex.Newbrough@arcadis.com.

Sincerely,
Arcadis U.S., Inc.

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Enclosures:

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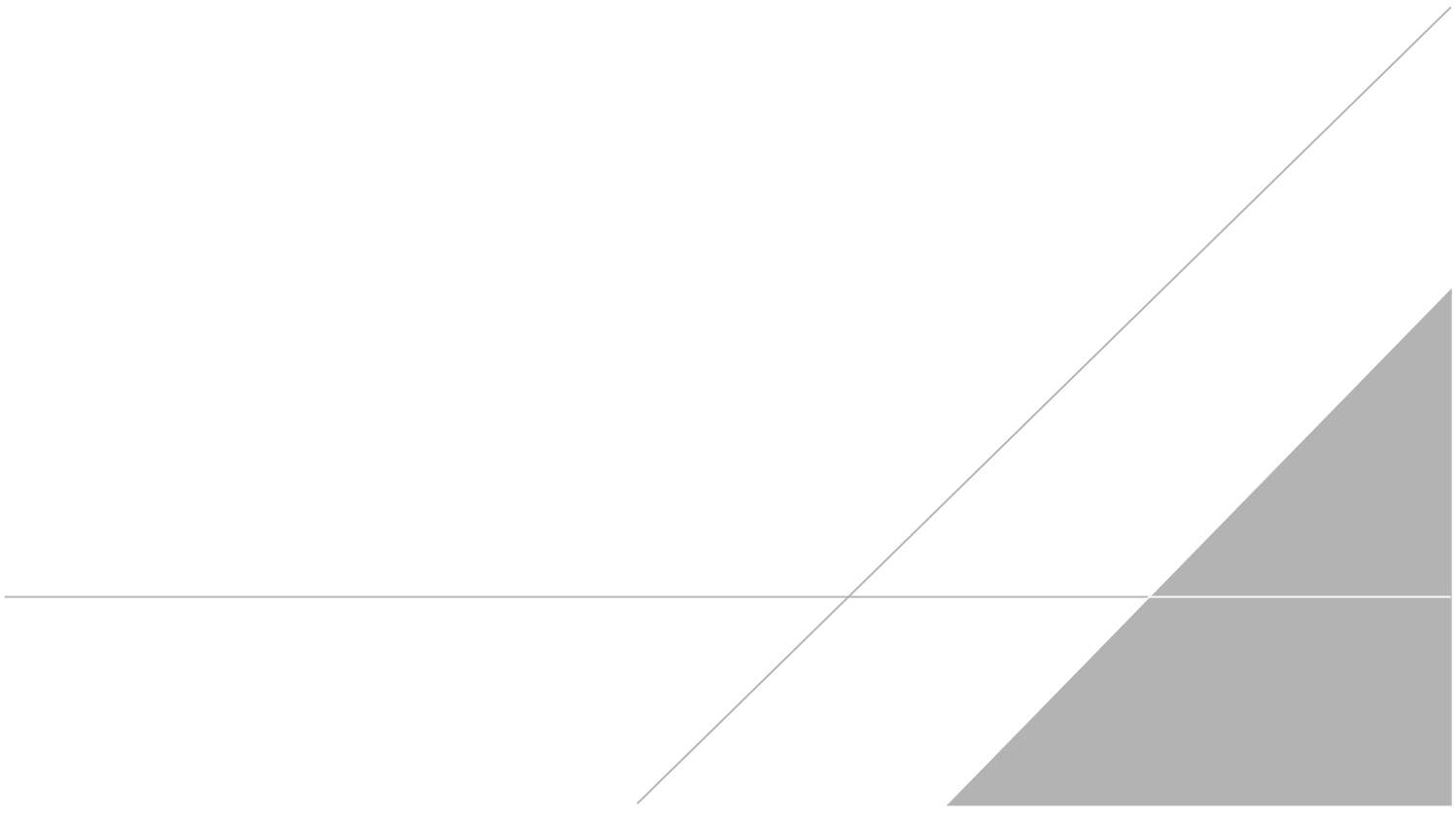

Table 1
Groundwater Elevation Data – August 24, 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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	8/24/2022	12.28	9.05	ND	6.72	2.33
AMW-7R	8/24/2022	13.85	9.95	ND	8.38	1.57
MW-18R	8/24/2022	9.88	7.98	ND	5.24	2.74
D1 Horizon Monitoring Wells						
AMW-13-D1	8/24/2022	32.80	9.87	ND	7.90	1.97
AMW-14-D1	8/24/2022	32.61	9.38	ND	7.38	2.00
AMW-15-D1	8/24/2022	40.98	9.74	ND	8.02	1.72
MW-23-D1R	8/24/2022	26.02	9.84	ND	8.42	1.42
MW-24-D1R	8/24/2022	31.36	9.82	ND	7.98	1.84
MW-26-D1	8/24/2022	29.56	9.95	ND	7.90	2.05
MW-27-D1R	8/24/2022	32.16	9.01	ND	7.12	1.89
MW-28-D1	8/24/2022	30.08	8.25	ND	6.14	2.11
MW-29-D1	8/24/2022	22.92	5.21	ND	3.64	1.57
MW-30-D1	8/24/2022	29.77	8.74	ND	6.60	2.14
MW-31-D1R	8/24/2022	29.92	8.39	ND	6.31	2.08
MW-32D	8/24/2022	36.28	8.85	ND	6.81	2.04
OW-2-D1	8/24/2022	33.58	9.94	ND	8.18	1.76
D2 Horizon Monitoring Wells						
AMW-13-D2	8/24/2022	42.64	9.76	ND	7.89	1.87
AMW-14-D2	8/24/2022	42.62	9.37	ND	7.37	2.00
AMW-15-D2	8/24/2022	35.71	9.71	ND	8.05	1.66
MW-23-D2R	8/24/2022	45.94	10.52	ND	8.72	1.80
MW-24-D2	8/24/2022	41.54	10.00	ND	8.30	1.70
MW-26-D2	8/24/2022	8.42	9.40	ND	7.42	1.98
MW-27-D2	8/24/2022	46.27	9.09	ND	7.35	1.74
MW-28-D2R	8/24/2022	46.38	8.40	ND	6.35	2.05
MW-29-D2	8/24/2022	38.00	5.38	ND	3.76	1.62
MW-30-D2	8/24/2022	40.18	8.72	ND	6.61	2.11
MW-31-D2R	8/24/2022	45.83	8.35	ND	6.70	1.65
D3 Horizon Monitoring Wells						
AMW-15-D3	8/24/2022	44.25	9.81	ND	8.04	1.77
VD Horizon Monitoring Wells						
AMW-13-VD	8/24/2022	70.30	9.77	ND	7.53	2.24
AMW-14-VD	8/24/2022	74.28	9.25	ND	7.17	2.08
AMW-15-VD	8/24/2022	70.92	9.82	ND	7.80	2.02
MW-24-VDR	8/24/2022	72.88	9.72	ND	7.49	2.23
MW-26-VD	8/24/2022	67.61	9.99	ND	7.57	2.42
MW-29-VD	8/24/2022	59.63	5.27	ND	3.25	2.02
MW-30-VD	8/24/2022	83.51	8.70	ND	5.76	2.94

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 – August 24-25, 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Lab Sample ID	Date Sampled	Volatile Organics										GC Volatiles - RSK-175	Inorganics			General Chemistry			
		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	8/24/2022	**3.90**	**0.302 J**	**4.33**	**1.14 J**	**102**	**0.700 J**	<1.00	**14.5**	<1.00	**5.48**	**84.9 B T8**	**5,400**	**76.2**	**1,620,000**	**391,000**	**2,450**	**0.303**	<1,000
AMW-14-D2	8/24/2022	**0.154 J**	<1.00	<1.00	<3.00	**14.6**	<1.00	<1.00	**0.835 J**	<1.00	<1.00	**107 T8**	**467**	**70.9**	**2,010,000**	**761,000**	**4,190**	<0.100	<1,000
AMW-14-VD	8/24/2022	<1.00	<1.00	<1.00	<3.00	**0.184 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**100 B T8**	**18,500**	**375**	**7,850,000**	**556,000**	**15,900**	**0.0393 J**	<100
AMW-15-D1	8/24/2022	**4.13**	<1.00	**2.63**	<3.00	**69.7**	**0.269 J**	**0.542 J**	**1.16**	<1.00	<1.00	<20.0 T8	**1,670**	**45.7**	**912,000**	**273,000**	**1,070**	**0.749**	<1,000
AMW-15-D2	8/24/2022	**0.354 J**	<1.00	<1.00	<3.00	**21.5**	<1.00	**0.184 J**	**0.276 J**	<1.00 J4	<1.00	**96.7 B T8**	**4,560**	**69.6**	**1,180,000**	**581,000**	**3,610**	**3.36**	<1,000
AMW-15-VD	8/24/2022	<1.00	<1.00	<1.00	<3.00	**0.356 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**38.6 B T8**	**15,100**	**307**	**8,330,000**	**668,000**	**17,500**	<0.100	**204**
MW-18R	8/25/2022	**54.3**	**1.40**	**0.537 J**	**2.60 J**	**86.8**	**2.08**	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--
MW-23-D1R	8/25/2022	<1.00	<1.00	<1.00	<3.00	**66.0**	**0.307 J**	**0.582 J**	<1.00	<1.00 J4	<1.00	**21.9 B T8**	**1,450**	**1,270**	**1,170,000**	**348,000**	**2,350**	<0.100	<1,000
MW-23-D2R	8/25/2022	<1.00	<1.00	<1.00	<3.00	**20.1**	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**30.4 B T8**	**2,530**	**761**	**868,000**	**391,000**	**2,500**	**0.751**	<100
MW-24-D1R	8/24/2022	**10.5 [9.61]**	**0.869 J [0.860 J]**	**7.55 [7.22]**	**13.7 [13.8]**	**186 [182]**	**0.866 J [0.795 J]**	<1.00 **[0.192 J]**	**11.8 [9.85]**	**0.283 J [0.202 J]**	**0.909 J** [<1.00]	**116 T8 [124 T8]**	**4,490 [7,810]**	**70.9 [80.6]**	**1,500,000 [1,460,000]**	**326,000 [392,000]**	**2,420 [2,660]**	**2.60 [0.758]**	<1,000 [<1,000]
MW-24-D2	8/24/2022	<1.00	<1.00	<1.00	<3.00	**20.0**	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**89.7 B T8**	**1,850**	**61.7**	**1,870,000**	**566,000**	**3,550**	**1.53**	<500
MW-26-D1	8/25/2022	**8.97**	<1.00	**2.74**	**5.51**	**65.0**	**0.818 J**	<1.00	**0.890 J**	<1.00	**3.05**	**34.6 B T8**	**181**	**39.0**	**1,320,000**	**456,000**	**2,300**	<0.050	<1,000
MW-27-D2	8/25/2022	<1.00	<1.00	<1.00	<3.00	**0.113 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**60.9 B T8**	**8,410**	**1,540**	**3,560,000**	**211,000**	**4,430**	**0.0213 J**	<100
MW-28-D1	8/25/2022	<1.00	<1.00	<1.00	<3.00	**0.460 J**	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<20.0 T8	**958**	**60.7**	**335,000**	**254,000**	**565**	<0.050	**116**
MW-28-D2R	8/25/2022	<1.00	<1.00	<1.00	<3.00	**0.343 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**59.6 B T8**	**1,270**	**356**	**2,100,000**	**376,000**	**3,850**	<0.050	<500

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.
CaCO3 '= calcium carbonate
J = Analyte was detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
J4 = The associated batch QC was outside the established quality control range for accuracy
T8 = Sample(s) received past/too close to holding time expiration.
NE = Not established
[ ] = Duplicate analysis results
-- = 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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.564 J**	<1.00	<5.00	<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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.124 J**	<1.00	<5.00	<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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<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 (cont.)	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
	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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.375 J**	<1.00	<5.00	<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
	8/24/2022	<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 (cont.)	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-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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<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
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	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
	8/25/2022	<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
	8/25/2022	<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]
	8/24/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.322 J [0.302 J]**	<1.00 [<1.00]	<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
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<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
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.115 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
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
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.195 J**	<1.00	<5.00	<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
	8/25/2022	<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
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.590 J**	<1.00	<5.00	<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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**3.90**	<1.00	<1.00	<5.00 C3
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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**0.154 J**	<1.00	<1.00	<5.00 C3
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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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 (cont.)	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
	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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**4.13**	<1.00	<1.00	<5.00 C3
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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.354 J**	<1.00	<1.00	<5.00 C3
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 (cont.)	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
	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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	**13.4 J**	**54.3**	<1.00	<1.00	<5.00 C3
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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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]	**9.4**	**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]
	8/24/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	0 C3 J4 [<10.0 C3	<10.0 [<10.0]	<50.0 [<50.0]	**10.5 [9.61]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 C3 [<5.00 C3]
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
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
MW-24-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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**8.97**	<1.00	<1.00	<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-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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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**
	8/24/2022	**1.69**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**1.43**	<1.00	<5.00	**4.33**
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
	8/24/2022	**0.861 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.396 J**	<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
	8/24/2022	<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 (cont.)	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**
	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**
	8/24/2022	**1.30**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.542 J**	<1.00	**0.665 J**	<1.00	<5.00	**2.63**
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
	8/24/2022	**0.616 J**	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.184 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
	8/24/2022	**0.266 J**	<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**
	8/25/2022	**1.76**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**1.81**	<1.00	<5.00	**0.537 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
	8/25/2022	**0.296 J**	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.582 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
	8/25/2022	**0.342 J**	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<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]	**1.1**	< 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]	**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]	<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]	<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]	<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]**
	8/24/2022	**2.59 [2.64]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	<1.00 **[0.192 J]**	<1.00 [<1.00]	**0.736 J [0.785 J]**	<1.00 [<1.00]	<5.00 [<5.00]	**7.55 [7.22]**
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
	8/24/2022	**0.166 J**	<1.00 J4	<1.00	<5.00	<5.00	<2.50	<1.00	<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**
	8/25/2022	**1.09**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.506 J**	<1.00	<5.00	**2.74**

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
	8/25/2022	**0.143 J**	<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**
	8/25/2022	<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
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

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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
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
	8/25/2022	**0.323 J**	<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
	8/24/2022	**0.700 J**	<20.0	**102**	**1.91**	<5.00	<1.00 C3 J4	<1.00	**0.302 J**	**14.5**	<1.00 J4	<1.00	<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
	8/24/2022	<1.00	<20.0	**14.6**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	**0.835 J**	<1.00 J4	<1.00	<5.00
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
	8/24/2022	<1.00	<20.0	**0.184 J**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<5.00
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
	8/24/2022	**0.269 J**	<20.0	**69.7**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	**1.16**	<1.00 J4	<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
	8/24/2022	<1.00	<20.0	**21.5**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.276 J**	<1.00	<1.00 J4	<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
	8/24/2022	<1.00	<20.0	**0.356 J**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<5.00
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

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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											
		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
	8/25/2022	**2.08**	<20.0	**86.8**	**1.61**	<5.00	<1.00 C3 J4	<1.00	**1.40**	<1.00	<1.00 J4	<1.00	<5.00
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
	8/25/2022	**0.307 J**	<20.0	**66.0**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<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
	8/25/2022	<1.00	<20.0	20.1	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00
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]	0.63 J [0.57 J]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	7.2 [6.4]	16	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/5/2019	1.0	<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]
	8/24/2022	0.866 J [0.795 J]	<20.0 [<20.0]	186 [182]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 C3 J4 [<1.00 C3 J4]	<1.00 [<1.00]	0.869 J [0.860 J]	11.8 [9.85]	<1.00 J4 [<1.00 J4]	0.283 J [0.202 J]	<5.00 [<5.00]
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	0.98 J	< 1.0	< 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
	8/24/2022	<1.00	<20.0	**20.0**	<1.00 J4	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
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
	8/25/2022	**0.818 J**	<20.0	**65.0**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	**0.890 J**	<1.00 J4	<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
	8/25/2022	<1.00	<20.0	**0.113 J**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<5.00
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
	8/25/2022	<1.00	<20.0	**0.460 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00
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
	8/25/2022	<1.00	<20.0	**0.343 J**	<1.00	<5.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<5.00
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

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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-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**	NA	**409,000**	**1,900**
	8/24/2022	**5.48**	**1.14 J**	**84.9 B T8**	**250**	**120**	**3,660**	**5,400**	**76.2**	**1,620,000**	NA	**391,000**	**2,450**
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**
	8/24/2022	<1.00	<3.00	**107 T8**	<13.0	<13.0	**558**	**467**	**70.9**	**2,010,000**	NA	**761,000**	**4,190**
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**
	8/24/2022	<1.00	<3.00	**100 B T8**	<13.0	<13.0	**15.9**	**18,500**	**375**	**7,850,000**	NA	**556,000**	**15,900**
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 (cont.)	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**
	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**
	8/24/2022	<1.00	<3.00	<20.0 T8	**455**	<13.0	**3,630**	**1,670**	**45.7**	**912,000**	NA	**273,000**	**1,070**
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**
	8/24/2022	<1.00	<3.00	**96.7 B T8**	<13.0	<13.0	**418**	**4,560**	**69.6**	**1,180,000**	NA	**581,000**	**3,610**
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**
	8/24/2022	<1.00	<3.00	**38.6 B T8**	<13.0	<13.0	**20.5**	**15,100**	**307**	**8,330,000**	NA	**668,000**	**17,500**
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
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Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				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
	8/25/2022	<1.00	2.60 J	NA	NA	NA	NA	NA	NA	NA	NA	--	--
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
	8/25/2022	<1.00	<3.00	21.9 B T8	9.18 J	<13.0	1,160	1,450	1,270	1,170,000	NA	348,000	2,350
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

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-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**
	8/25/2022	<1.00	<3.00	**30.4 B T8**	<13.0	<13.0	**1,330**	**2,530**	**761**	**868,000**	NA	**391,000**	**2,500**
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	**4,11,000 [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	**3,01,000 [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]**
	8/24/2022	**0.909 J** [<1.00]	**13.7 [13.8]**	**116 T8 [124 T8]**	**286 [242]**	**134 [91.2]**	**2,380 [5,530]**	**4,490 [7,810]**	**70.9 [80.6]**	**1,500,000 [1,460,000]**	NA [NA]	**326,000 [392,000]**	**2,420 [2,660]**
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**
	8/24/2022	<1.00 J4	<3.00	**89.7 B T8**	<13.0	<13.0	**267**	**1,850**	**61.7**	**1,870,000**	--	**566,000**	**3,550**
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**
	8/25/2022	**3.05**	**5.51**	**34.6 B T8**	**34.5**	**17.2**	**6,040**	**181**	**39.0**	**1,320,000**	NA	**456,000**	**2,300**

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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**
	8/25/2022	<1.00	<3.00	**60.9 B T8**	<13.0	<13.0	**412**	**8,410**	**1,540**	**3,560,000**	NA	**211,000**	**4,430**
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**
	8/25/2022	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**23.5**	**958**	**60.7**	**335,000**	NA	**254,000**	**565**
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
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Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

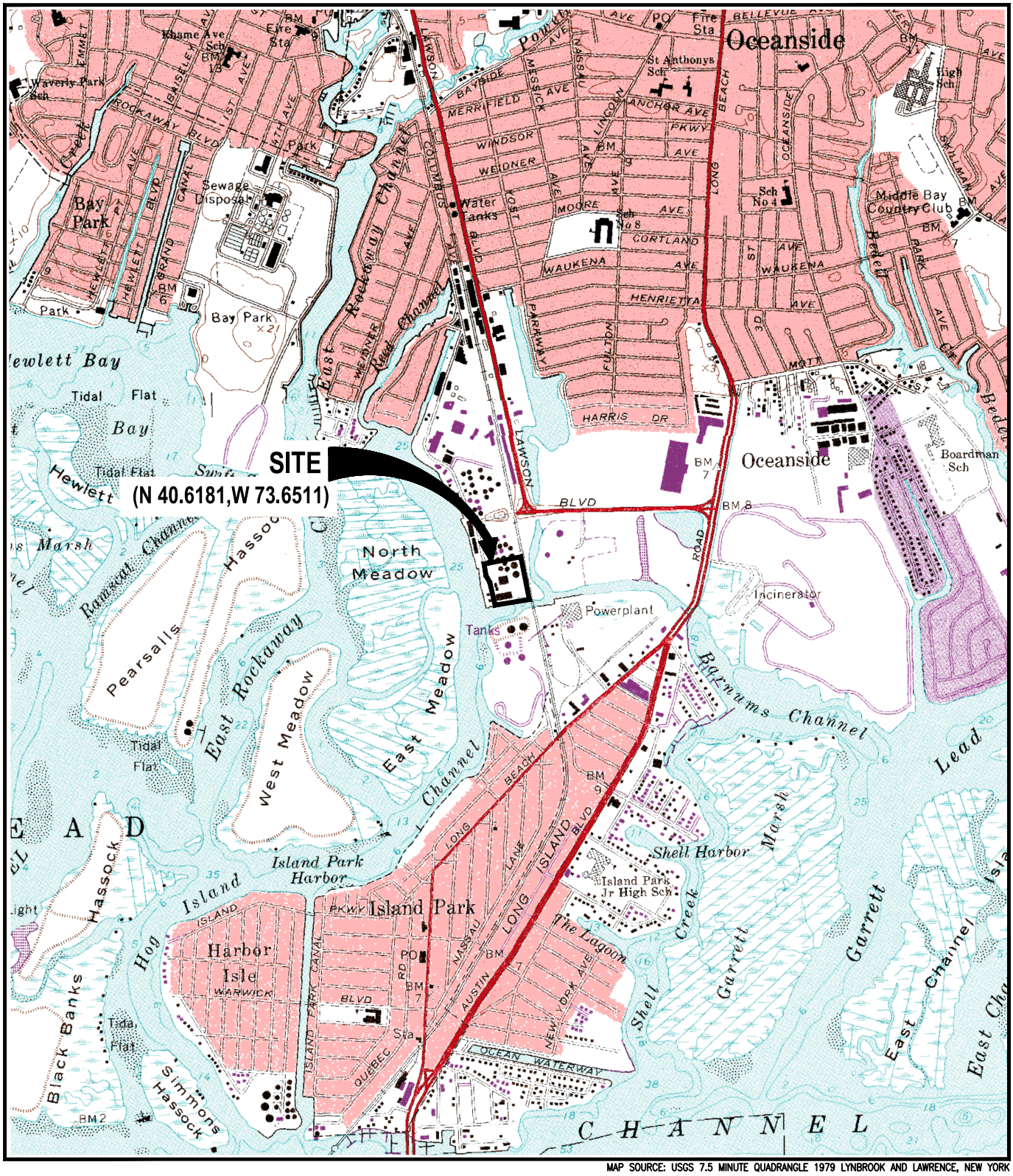
Location ID	Date Sampled	Volatile Organics		GC Volatiles - RSK-175				Inorganics			General Chemistry		
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3	Alkalinity, Total as CaCO3	Chloride
NYSDEC TOGS 1.1.1		2	5	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**
	8/25/2022	<1.00	<3.00	**59.6 B T8**	<13.0	<13.0	**537**	**1,270**	**356**	**2,100,000**	NA	**376,000**	**3,850**
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.

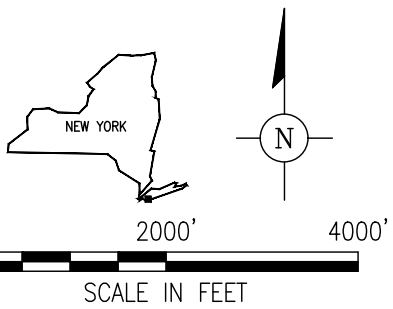
Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through 2022
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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



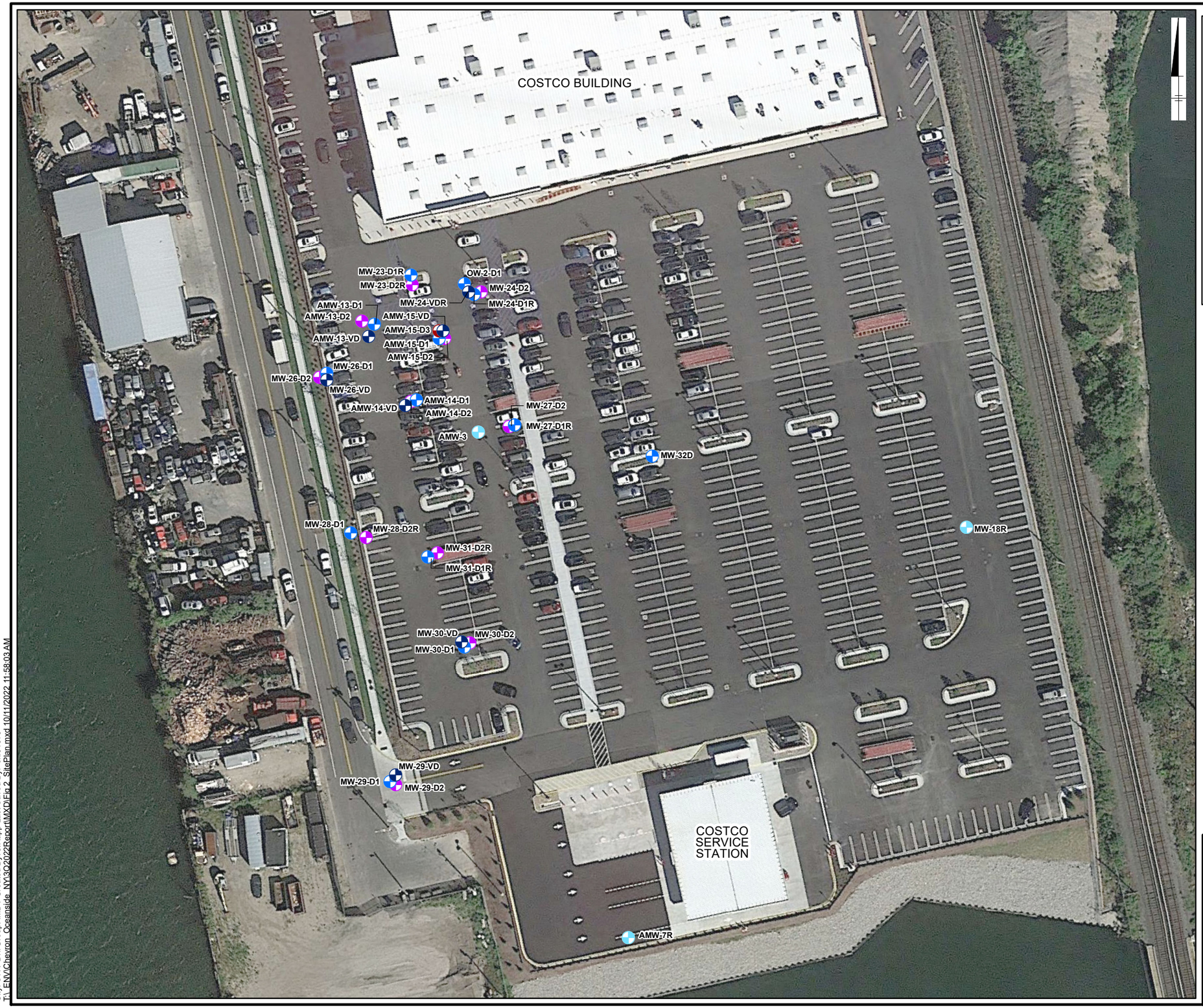
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

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.

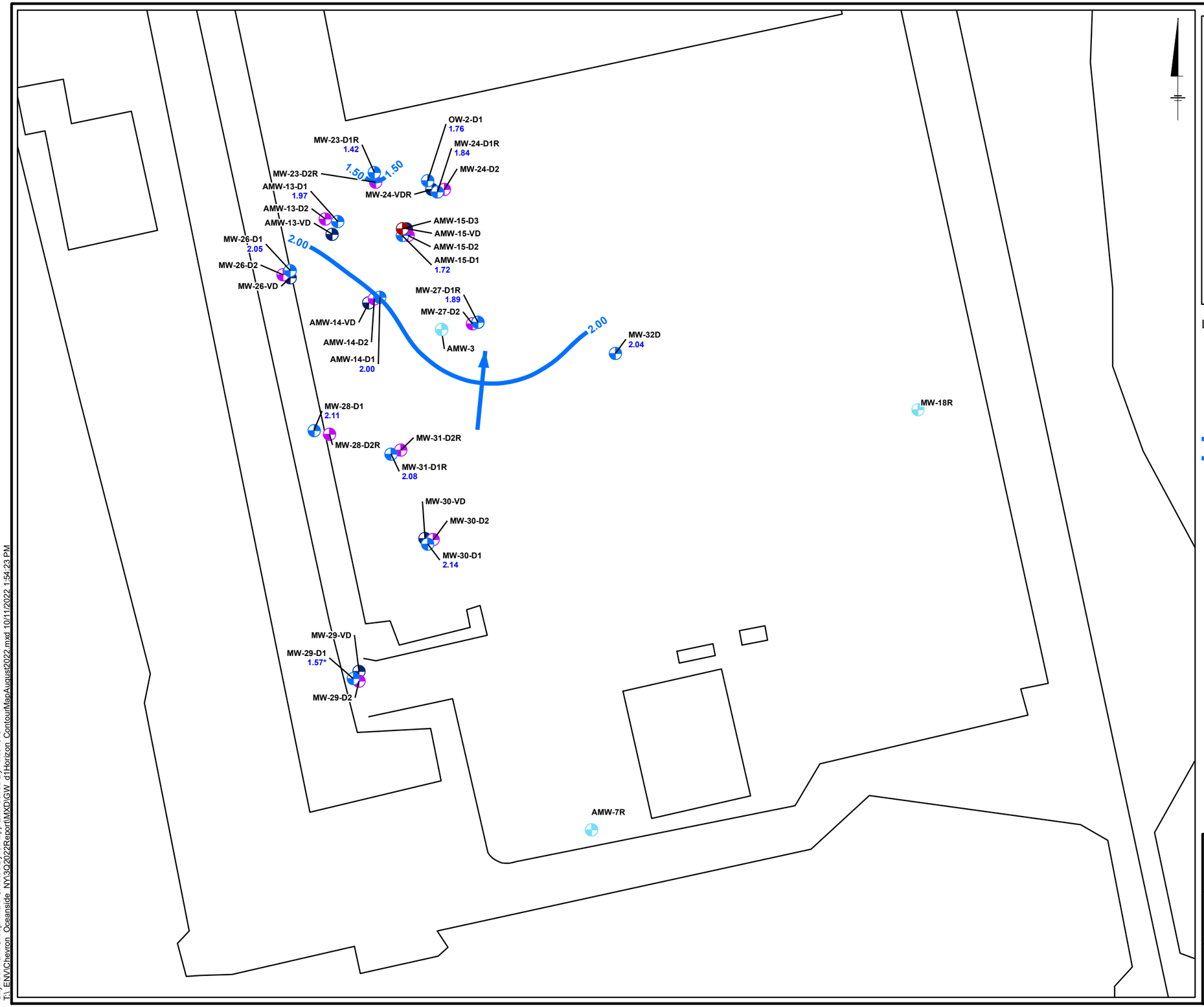
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

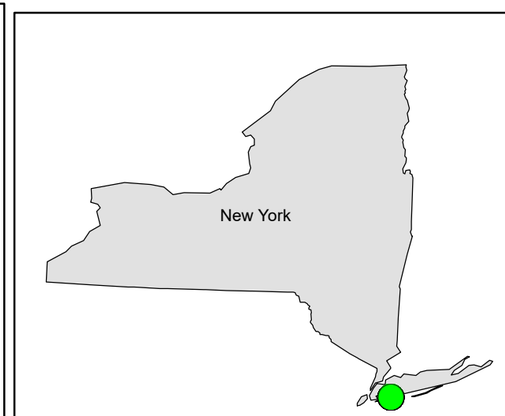
SITE PLAN

ARCADIS

FIGURE 2

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: ski010176
T:_ENV\Chevron_Oceanside_NY\3Q2022Report\MXD\Fig 2_SitePlan.mxd 10/11/2022 11:58:03 AM





SITE LOCATION

LEGEND:

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

0 70 140 Feet

GRAPHIC SCALE

NOTE:

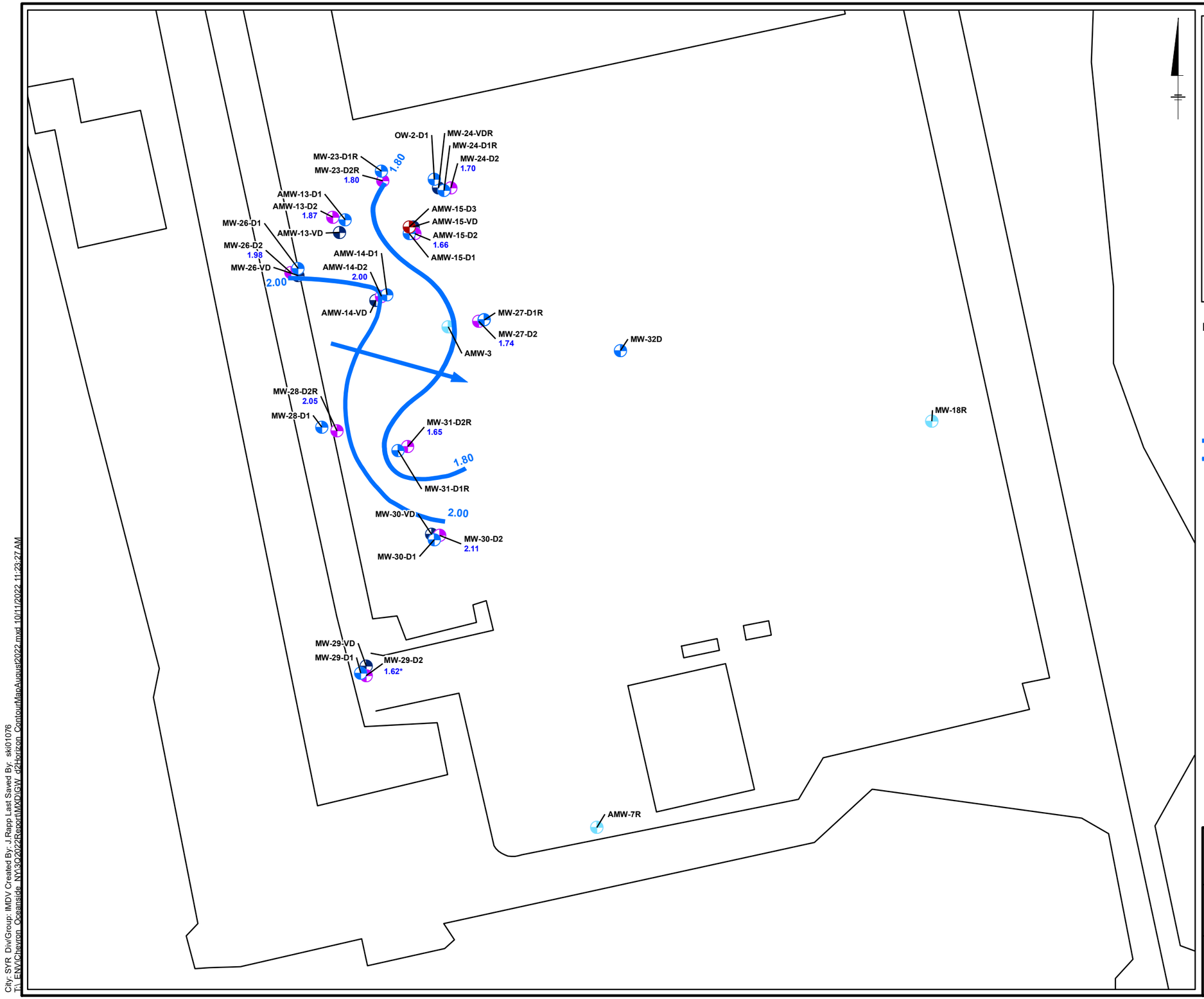
1. 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.
2. THE WELLS WERE GAUGED DURING HIGH TIDE.

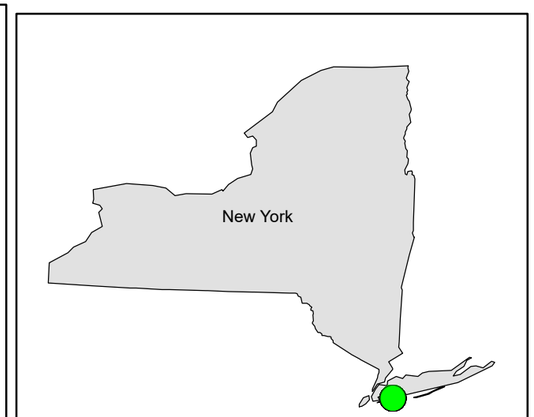
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

D1 HORIZON GROUNDWATER CONTOUR MAP
AUGUST 24, 2022

ARCADIS

FIGURE
3





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
- 1.70 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 1.62* 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 AUGUST 24, 2022

ARCADIS

FIGURE 4

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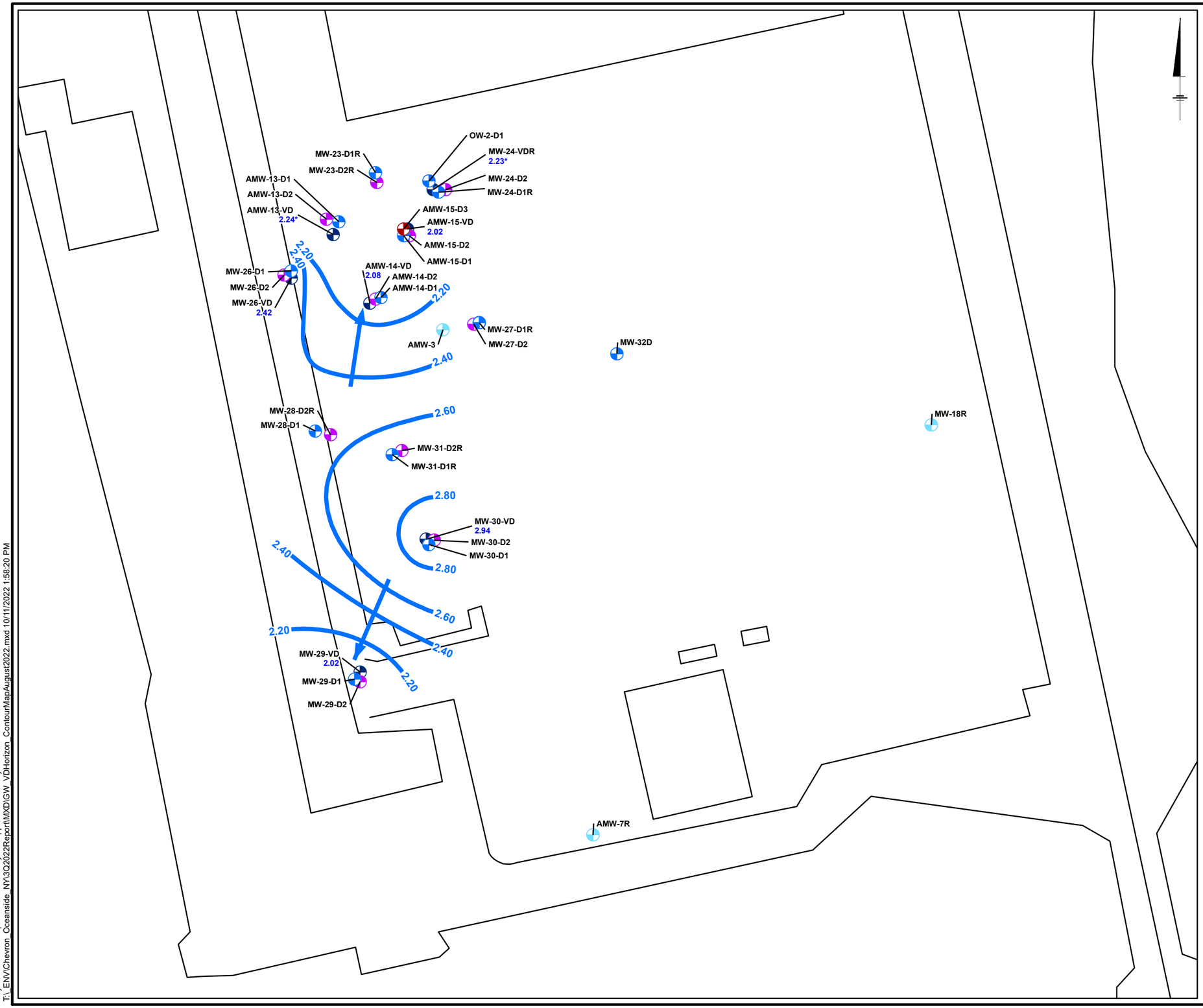
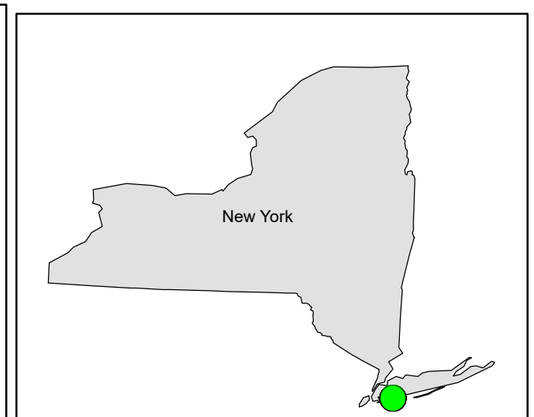




SITE LOCATION

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
- 2.02 GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- 2.23* 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.

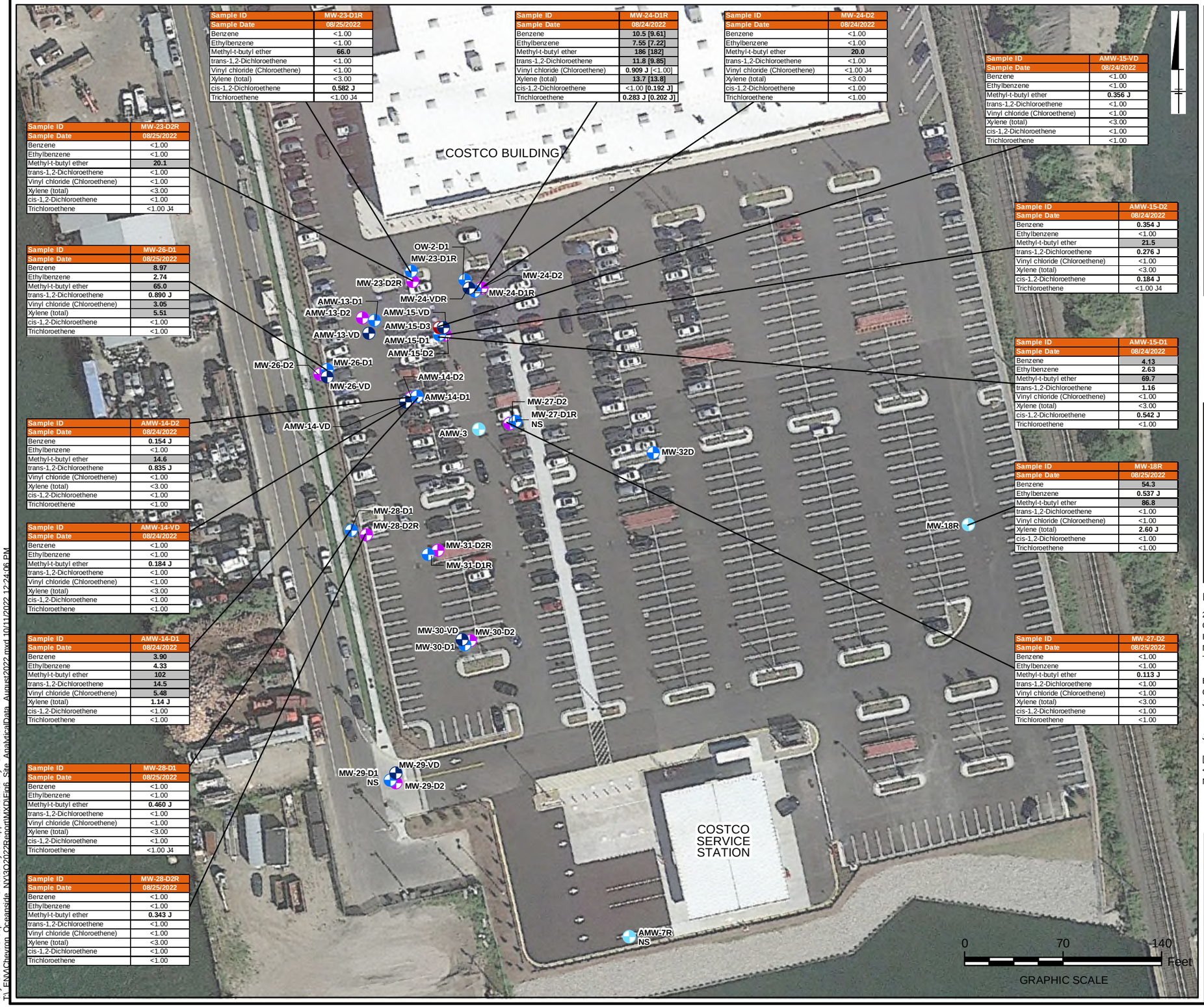
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

VD HORIZON GROUNDWATER CONTOUR MAP
AUGUST 24, 2022

ARCADIS

FIGURE
5

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: ski01076
T:_ENV\Chevron_Oceanside_NY\3Q2022Report\MXD\GW_VDHorizon_ContourMapAugust2022.mxd 10/11/2022 1:58:20 PM



Sample ID	MW-23-D1R
Sample Date	08/25/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**66.0**
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.582 J**
Trichloroethene	<1.00 J4

Sample ID	MW-24-D1R
Sample Date	08/24/2022
Benzene	**10.5 [9.61]**
Ethylbenzene	**7.55 [7.22]**
Methyl-t-butyl ether	**186 [182]**
trans-1,2-Dichloroethene	**11.8 [9.85]**
Vinyl chloride (Chloroethene)	**0.909 J** [<1.00]
Xylene (total)	**13.7 [13.8]**
cis-1,2-Dichloroethene	<1.00 **[0.192 J]**
Trichloroethene	**0.283 J [0.202 J]**

Sample ID	MW-24-D2
Sample Date	08/24/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**20.0**
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-15-VD
Sample Date	08/24/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**0.356 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-D2R
Sample Date	08/25/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**20.1**
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00 J4

Sample ID	AMW-15-D2
Sample Date	08/24/2022
Benzene	**0.354 J**
Ethylbenzene	<1.00
Methyl-t-butyl ether	**21.5**
trans-1,2-Dichloroethene	**0.276 J**
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.184 J**
Trichloroethene	<1.00 J4

Sample ID	MW-26-D1
Sample Date	08/25/2022
Benzene	**8.97**
Ethylbenzene	**2.74**
Methyl-t-butyl ether	**65.0**
trans-1,2-Dichloroethene	**0.890 J**
Vinyl chloride (Chloroethene)	**3.05**
Xylene (total)	**5.51**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-15-D1
Sample Date	08/24/2022
Benzene	**4.13**
Ethylbenzene	**2.63**
Methyl-t-butyl ether	**69.7**
trans-1,2-Dichloroethene	**1.16**
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	**0.542 J**
Trichloroethene	<1.00

Sample ID	AMW-14-D2
Sample Date	08/24/2022
Benzene	**0.154 J**
Ethylbenzene	<1.00
Methyl-t-butyl ether	**14.6**
trans-1,2-Dichloroethene	**0.835 J**
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-18R
Sample Date	08/25/2022
Benzene	**54.3**
Ethylbenzene	**0.537 J**
Methyl-t-butyl ether	**86.8**
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	**2.60 J**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-VD
Sample Date	08/24/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**0.184 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	08/24/2022
Benzene	**3.90**
Ethylbenzene	**4.33**
Methyl-t-butyl ether	**102**
trans-1,2-Dichloroethene	**14.5**
Vinyl chloride (Chloroethene)	**5.48**
Xylene (total)	**1.14 J**
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-27-D2
Sample Date	08/25/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**0.113 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-28-D1
Sample Date	08/25/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**0.460 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 J4

Sample ID	MW-28-D2R
Sample Date	08/25/2022
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	**0.343 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

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
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.
J4 = THE ASSOCIATED BATCH QC WAS OUTSIDE THE ESTABLISHED QUALITY CONTROL RANGE FOR ACCURACY.
[ ] = DUPLICATE ANALYSIS RESULTS
< = LESS THAN INDICATED REPORTING LIMIT
NS = SAMPLE WAS LOST IN SHIPPING

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS AUGUST 24 AND 25, 2022

ARCADIS

FIGURE 6

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		2	12.42	9.05	6.72	12.28	
AMW-13-D1		2	34.01	9.87	7.90	32.80	
AMW-13-D2		2	43.95	9.76	7.89	42.64	
AMW-13-VD		2	71.82	9.77	7.53	70.30	
OW-2-D1		2	33.95	9.94	8.18	33.58	
MW-26-VD		2	68.25	9.99	7.57	67.61	
MW-29-D2		2	39.82	5.38	3.76	38.00	
MW-29-VD		2	67.22	5.27	3.25	59.63	
MW-30-D1		2	30	8.74	6.60	29.77	
MW-30-D2		2	46.63	8.72	6.61	40.18	
MW-30-VD		4	83.40	8.70	5.76	82.34	
MW-31-D1R		2	30.04	8.39	6.31	29.92	
MW-31-D2R		2	45.15	8.35	6.70	45.83	
MW-32D		2	37.45	8.85	6.81	36.28	
MW-27-D2		2	46.97	9.09	7.35	46.27	
MW-28-D2R		2	46.69	8.40	6.35	46.38	
MW-24-D2		2	42.20	10.00	8.30	41.54	
MW-24-VDR		2	73.98	9.72	7.49	72.88	-NS-No Hydra
AMW-15-VD		2	72.15	9.82	7.80	70.92	
AMW-7R		2	14.42	9.95	8.38	13.85	
AMW-14-VD		2	75.61	9.25	7.17	74.28	
AMW-14-D2		2	43.17	9.37	7.37	42.62	
MW-28-D1		2	30.38	8.25	6.14	30.08	
MW-26-D2		2	43.76	9.40	7.42	43.42	-NS-No Hydra
MW-23-D2R		2	44.63	10.52	8.72	45.94	
AMW-15-D2		2	36.2	9.71	8.05	35.71	
AMW-15-D3		2	48.6	9.81	8.04	44.25	-NS-No Hydrasleeve
MW-23-D1R		2	25.78	9.84	8.42	26.02	
AMW-15-D1		2	36.2	9.74	8.07	40.98	
MW-27-D1R		2	32.99	9.01	7.12	32.16	
MW-26-D1		2	28.8	9.95	7.90	29.56	
MW-29-D1		2	23.45	5.21	3.64	22.92	
MW-18R		2	10.17	7.98	5.24	9.88	
AMW-14-D1		2	33.15	9.38	7.38	32.61	
MW-24-D1R		2	32.23	9.82	7.98	31.36	

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

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

ARCADIS

Project Name: Chevron Oceanside

Field Personnel: Kirk Argas / Shannon Torhan

Date: 8/24 - 8/26/22

Weather: Cloudy

Well ID	Time	pH	Temp (dep C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mV)	Notes 8/24 ST
AMW-15YD	1000	5.46	20.45	0.389	5.76	156.4	1000
AMW-15D1	1020	6.08	19.96	6.267	2.18	-18.8	1020
AMW-15D2	1040	8.22	20.96	4.360	1.64	-30.8	1040
AMW-14D1	1100	6.97	20.18	2.367	0.98	-340.1	1100
AMW-14D2	1120	7.40	20.37	7.067	0.72	-291.8	1120
AMW-14YD	1140	6.75	18.18	2.366	4.45	-244.1	1140
MW-24-D2	1155	7.16	20.93	12.93	0.05	-332.5	1155
MW-24-D1R	1200	6.77	21.34	8.355	3.22	-350.2	1200 BD
							ST 8/25
MW-18R	1820	6.33	26.72	3.100	4.03	-141.3	1820 - 2 vocs 8260/not enough water
AMW-7R	1845	7.13	22.68	1.643	7.63	-154.3	1845
MW-28-D2R	1915	6.76	21.70	12.38	5.87	-228.9	1915
MW-28-D1	1930	7.72	18.46	3.769	5.89	-218.9	1930
MW-23-D1R	2000	7.03	21.11	7.842	-1.35	-332.5	2000
MW-23-D2R	2015	7.49	20.28	5.600	-0.73	-251.9	2015
MW-26-D1	2050	7.26	19.36	6.923	0.95	-324.5	2050
MW-27-D1R	2115	6.92	20.39	11.02	-0.78	-330.8	2115
MW-27-D2	2130	8.32	21.61	0.827	-0.23	-270.4	2130
MW-29-D1	2155	7.14	20.23	3.029	0.96	-262.8	2155

ATTACHMENT 2

Laboratory Analytical Report

ANALYTICAL REPORT

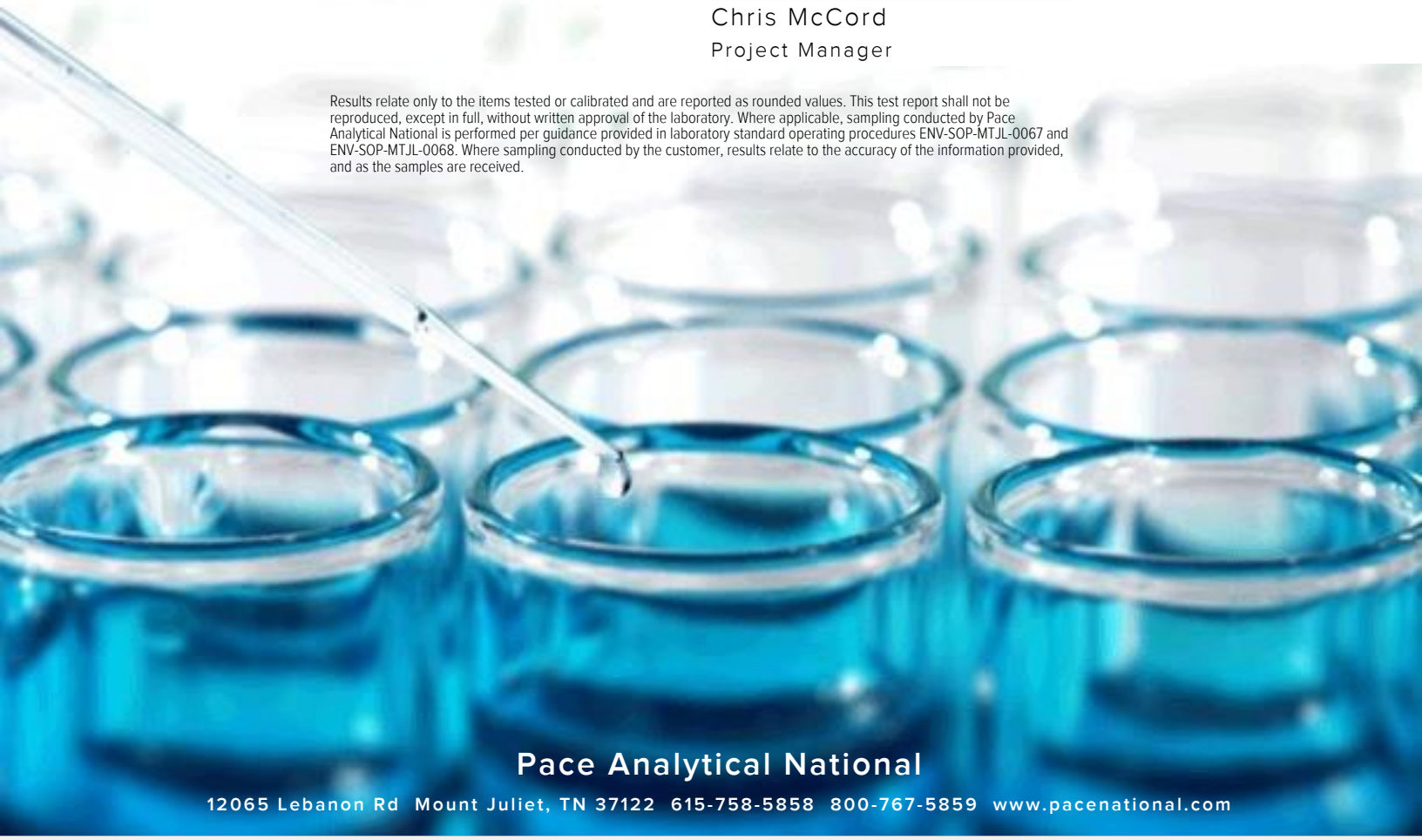
September 16, 2022

Arcadis - Chevron - NY

Sample Delivery Group:	L1530198
Samples Received:	08/27/2022
Project Number:	30062947.19.21
Description:	POD 4 - Oceanside 6518040
Site:	6518040
Report To:	Max Mansilla

Entire Report Reviewed By:

Chris McCord
Project Manager



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

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MW-27-D2-W-220825 L1530198-01 GW

Collected by: KV / ST
Collected date/time: 08/25/22 21:30
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:38	09/09/22 19:38	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:28	09/07/22 17:28	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	5	09/09/22 19:38	09/09/22 19:38	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:15	09/02/22 16:15	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:28	09/07/22 17:28	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:14	09/15/22 22:14	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 14:07	08/31/22 14:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921176	100	09/03/22 16:13	09/03/22 16:13	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	1	09/08/22 17:03	09/08/22 17:03	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:04	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 10:44	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:00	09/04/22 15:00	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 12:53	09/01/22 12:53	JAH	Mt. Juliet, TN

MW-28-D2R-W-220825 L1530198-02 GW

Collected by: KV / ST
Collected date/time: 08/25/22 19:15
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:39	09/09/22 19:39	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:32	09/07/22 17:32	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	1	09/09/22 19:39	09/09/22 19:39	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	5	09/02/22 16:21	09/02/22 16:21	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:32	09/07/22 17:32	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:14	09/15/22 22:14	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 14:21	08/31/22 14:21	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921176	100	09/03/22 16:27	09/03/22 16:27	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	2	09/08/22 17:21	09/08/22 17:21	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:07	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 10:52	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:02	09/04/22 15:02	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 13:12	09/01/22 13:12	JAH	Mt. Juliet, TN

MW-24-D2-W-220824 L1530198-03 GW

Collected by: KV / ST
Collected date/time: 08/24/22 23:55
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:40	09/09/22 19:40	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:35	09/07/22 17:35	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	1	09/09/22 19:40	09/09/22 19:40	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	5	09/02/22 16:22	09/02/22 16:22	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:35	09/07/22 17:35	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:14	09/15/22 22:14	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 14:35	08/31/22 14:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 19:57	09/03/22 19:57	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 05:29	09/09/22 05:29	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:10	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 10:55	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1919833	1	09/02/22 12:02	09/02/22 12:02	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1921970	1	09/06/22 20:27	09/06/22 20:27	ADM	Mt. Juliet, TN

AMW-15-VD-W-220824 L1530198-04 GW

Collected by: KV / ST
Collected date/time: 08/24/22 22:00
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:41	09/09/22 19:41	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:38	09/07/22 17:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	25	09/09/22 19:41	09/09/22 19:41	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:23	09/02/22 16:23	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:38	09/07/22 17:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:15	09/15/22 22:15	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	100	08/31/22 14:48	08/31/22 14:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	1	09/09/22 05:48	09/09/22 05:48	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:19	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	20	09/01/22 15:26	09/04/22 15:33	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1919833	1	09/02/22 12:04	09/02/22 12:04	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 13:32	09/01/22 13:32	JAH	Mt. Juliet, TN

AMW-14-VD-W-220824 L1530198-05 GW

Collected by: KV / ST
Collected date/time: 08/24/22 23:40
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:42	09/09/22 19:42	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:54	09/07/22 17:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	25	09/09/22 19:42	09/09/22 19:42	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:28	09/02/22 16:28	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:54	09/07/22 17:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:15	09/15/22 22:15	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	100	08/31/22 15:02	08/31/22 15:02	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	1	09/09/22 06:08	09/09/22 06:08	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:22	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	20	09/01/22 15:26	09/04/22 15:36	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1919833	1	09/02/22 12:08	09/02/22 12:08	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 13:52	09/01/22 13:52	JAH	Mt. Juliet, TN

AMW-14-D2-W-220824 L1530198-06 GW

Collected by: KV / ST
Collected date/time: 08/24/22 23:20
Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/09/22 19:46	09/09/22 19:46	TQP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 17:58	09/07/22 17:58	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922157	2	09/09/22 19:46	09/09/22 19:46	TQP	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:29	09/02/22 16:29	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 17:58	09/07/22 17:58	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:15	09/15/22 22:15	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 15:16	08/31/22 15:16	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 20:10	09/03/22 20:10	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 06:26	09/09/22 06:26	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:25	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 11:03	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1919833	1	09/02/22 12:13	09/02/22 12:13	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 15:30	09/01/22 15:30	JAH	Mt. Juliet, TN

MW-28-D1-W-220825 L1530198-07 GW

Collected by	Collected date/time	Received date/time
KV / ST	08/25/22 19:30	08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/15/22 01:01	09/15/22 01:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:02	09/07/22 18:02	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:01	09/15/22 01:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:31	09/02/22 16:31	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:02	09/07/22 18:02	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:15	09/15/22 22:15	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 15:57	08/31/22 15:57	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921424	100	09/05/22 00:11	09/05/22 00:11	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	1	09/08/22 17:44	09/08/22 17:44	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:28	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:07	09/04/22 15:07	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1921406	1	09/06/22 21:22	09/06/22 21:22	JHH	Mt. Juliet, TN

MW-23-D2R-W-220825 L1530198-08 GW

Collected by	Collected date/time	Received date/time
KV / ST	08/25/22 20:15	08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/15/22 01:01	09/15/22 01:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:05	09/07/22 18:05	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:01	09/15/22 01:01	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:32	09/02/22 16:32	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:05	09/07/22 18:05	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:17	09/15/22 22:17	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 16:11	08/31/22 16:11	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 20:22	09/03/22 20:22	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	1	09/08/22 18:03	09/08/22 18:03	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:30	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:10	09/04/22 15:10	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1921406	1	09/06/22 21:44	09/06/22 21:44	JHH	Mt. Juliet, TN

AMW-15-D2-W-220824 L1530198-09 GW

Collected by	Collected date/time	Received date/time
KV / ST	08/24/22 22:40	08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/15/22 01:02	09/15/22 01:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:10	09/07/22 18:10	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:02	09/15/22 01:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:33	09/02/22 16:33	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:10	09/07/22 18:10	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:17	09/15/22 22:17	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 16:25	08/31/22 16:25	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 20:35	09/03/22 20:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 07:19	09/09/22 07:19	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:33	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 15:39	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1919833	1	09/02/22 12:46	09/02/22 12:46	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1921406	1	09/06/22 22:05	09/06/22 22:05	JHH	Mt. Juliet, TN

MW-23-D1R-W-220825 L1530198-10 GW

Collected by: KV / ST | Collected date/time: 08/25/22 20:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/15/22 01:02	09/15/22 01:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:13	09/07/22 18:13	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	10	09/15/22 01:02	09/15/22 01:02	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:35	09/02/22 16:35	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:13	09/07/22 18:13	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:17	09/15/22 22:17	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 16:39	08/31/22 16:39	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 20:47	09/03/22 20:47	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	2	09/08/22 18:23	09/08/22 18:23	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:36	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	5	09/01/22 15:26	09/04/22 11:09	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:13	09/04/22 15:13	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1921406	1	09/06/22 22:26	09/06/22 22:26	JHH	Mt. Juliet, TN

AMW-15-D1-W-220824 L1530198-11 GW

Collected by: KV / ST | Collected date/time: 08/24/22 22:20 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1919748	1	09/15/22 01:03	09/15/22 01:03	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:16	09/07/22 18:16	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:03	09/15/22 01:03	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:36	09/02/22 16:36	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:16	09/07/22 18:16	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:23	09/15/22 22:23	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 16:52	08/31/22 16:52	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 07:37	09/09/22 07:37	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1919748	1	09/01/22 15:26	09/02/22 17:39	ABL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:17	09/04/22 15:17	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 15:50	09/01/22 15:50	JAH	Mt. Juliet, TN

MW-26-D1-W-220825 L1530198-12 GW

Collected by: KV / ST | Collected date/time: 08/25/22 20:50 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:04	09/15/22 01:04	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:24	09/07/22 18:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:04	09/15/22 01:04	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:37	09/02/22 16:37	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:24	09/07/22 18:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:24	09/15/22 22:24	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 17:06	08/31/22 17:06	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 21:00	09/03/22 21:00	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	2	09/08/22 19:23	09/08/22 19:23	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 15:44	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	5	09/05/22 07:21	09/06/22 11:32	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:21	09/04/22 15:21	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 16:09	09/01/22 16:09	JAH	Mt. Juliet, TN

AMW-14-D1-W-220824 L1530198-13 GW

Collected by: KV / ST | Collected date/time: 08/24/22 23:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:04	09/15/22 01:04	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:27	09/07/22 18:27	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	10	09/15/22 01:04	09/15/22 01:04	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:38	09/02/22 16:38	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:27	09/07/22 18:27	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:24	09/15/22 22:24	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 17:20	08/31/22 17:20	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921124	100	09/03/22 21:12	09/03/22 21:12	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 07:57	09/09/22 07:57	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 15:46	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	5	09/05/22 07:21	09/06/22 11:35	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:26	09/04/22 15:26	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 16:29	09/01/22 16:29	JAH	Mt. Juliet, TN

MW-24-D1R-W-220824 L1530198-14 GW

Collected by: KV / ST | Collected date/time: 08/24/22 12:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:05	09/15/22 01:05	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:43	09/07/22 18:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:05	09/15/22 01:05	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:40	09/02/22 16:40	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:43	09/07/22 18:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:25	09/15/22 22:25	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 17:34	08/31/22 17:34	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1922509	100	09/07/22 23:48	09/07/22 23:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	5	09/09/22 08:17	09/09/22 08:17	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 15:49	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	5	09/05/22 07:21	09/06/22 11:38	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:29	09/04/22 15:29	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921442	10	09/05/22 10:50	09/05/22 10:50	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 16:49	09/01/22 16:49	JAH	Mt. Juliet, TN

MW-18R-W-220825 L1530198-15 GW

Collected by: KV / ST | Collected date/time: 08/25/22 18:20 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 17:09	09/01/22 17:09	JAH	Mt. Juliet, TN

BD-W-220824 L1530198-16 GW

Collected by: KV / ST | Collected date/time: 08/24/22 00:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:05	09/15/22 01:05	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:47	09/07/22 18:47	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	20	09/15/22 01:05	09/15/22 01:05	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	10	09/02/22 16:45	09/02/22 16:45	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:47	09/07/22 18:47	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:25	09/15/22 22:25	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	10	08/31/22 17:48	08/31/22 17:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1921424	100	09/05/22 00:24	09/05/22 00:24	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	1	09/09/22 08:32	09/09/22 08:32	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 15:52	CCE	Mt. Juliet, TN

BD-W-220824 L1530198-16 GW

Collected by: KV / ST | Collected date/time: 08/24/22 00:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1920771	5	09/05/22 07:21	09/06/22 11:40	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:50	09/04/22 15:50	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 17:28	09/01/22 17:28	JAH	Mt. Juliet, TN

FB-W-220824 L1530198-17 GW

Collected by: KV / ST | Collected date/time: 08/24/22 23:50 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:06	09/15/22 01:06	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:49	09/07/22 18:49	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:06	09/15/22 01:06	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:46	09/02/22 16:46	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:49	09/07/22 18:49	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:25	09/15/22 22:25	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	1	08/31/22 18:02	08/31/22 18:02	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922335	1	09/09/22 08:48	09/09/22 08:48	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 16:00	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:56	09/04/22 15:56	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 11:54	09/01/22 11:54	JAH	Mt. Juliet, TN

FB-W-220825 L1530198-18 GW

Collected by: KV / ST | Collected date/time: 08/25/22 22:30 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1920771	1	09/15/22 01:06	09/15/22 01:06	JAR	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG1921587	1	09/07/22 18:54	09/07/22 18:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG1922158	1	09/15/22 01:06	09/15/22 01:06	JAR	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG1920505	1	09/02/22 16:47	09/02/22 16:47	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1921587	1	09/07/22 18:54	09/07/22 18:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG1926819	1	09/15/22 22:26	09/15/22 22:26	TQP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1918659	1	08/31/22 19:25	08/31/22 19:25	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1922344	1	09/08/22 19:39	09/08/22 19:39	LOH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1920771	1	09/05/22 07:21	09/05/22 16:03	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1921358	1	09/04/22 15:58	09/04/22 15:58	JAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 12:14	09/01/22 12:14	JAH	Mt. Juliet, TN

TB-W-220824 L1530198-19 GW

Collected by: KV / ST | Collected date/time: 08/24/22 00:00 | Received date/time: 08/27/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1919989	1	09/01/22 12:33	09/01/22 12:33	JAH	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

Project Comments

Sulfide is reporting outside of the 7 day hold time due to supply chain delays on a reagent required in the analysis.

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
WG1921587	4500CO2 D-2011	L1530198-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 16, 17, 18
WG1922157	3500Fe B-2011	L1530198-01, 02, 03, 04, 05, 06
WG1922158	3500Fe B-2011	L1530198-07, 08, 09, 10, 11, 12, 13, 14, 16, 17, 18

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

Batch	Method	Lab Sample ID
WG1926819	4500S2 D-2011	L1530198-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 16, 17, 18

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
WG1922157	(MS) R3835702-4, (MSD) R3835702-5	Ferrous Iron

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG1921124	(MS) R3833808-9, (MS) R3833808-12, (MSD) R3833808-10	Chloride
WG1922509	(MS) R3835025-4	Chloride

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

Batch	Lab Sample ID	Analytes
WG1921176	(MS) R3833711-4	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG1922335	TOC (Total Organic Carbon)	L1530198-03, 04, 06, 09, 11, 13, 14, 17
WG1922344	TOC (Total Organic Carbon)	L1530198-18

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG1919748	(MS) R3833660-4, (MSD) R3833660-5	Sodium
WG1920771	(MS) R3833875-4, (MSD) R3833875-5	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
WG1919989	L1530198-01	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-02	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-04	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-05	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-06	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-11	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-12	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-13	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-14	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-15	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-16	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-17	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-18	2-Hexanone, Bromomethane and Styrene
WG1919989	L1530198-19	2-Hexanone, Bromomethane and Styrene
WG1921406	L1530198-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromomethane and Chloromethane
WG1921406	L1530198-08	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromomethane and Chloromethane
WG1921406	L1530198-09	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromomethane and Chloromethane
WG1921406	L1530198-10	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromomethane and Chloromethane
WG1921970	L1530198-03	1,2-Dibromo-3-Chloropropane

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG1919989	Toluene-d8	L1530198-17

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

Batch	Lab Sample ID	Analytes
WG1919989	(LCSD) R3833051-2, L1530198-01, 02, 04, 05, 06, 11, 12, 13, 14, 15, 16, 17, 18, 19	Bromochloromethane
WG1921406	(LCS) R3834446-1, L1530198-07, 08, 09, 10	Bromochloromethane and Trichloroethene
WG1921970	(LCS) R3834292-1, (LCSD) R3834292-2, L1530198-03	1,1,2-Trichlorotrifluoroethane, Carbon tetrachloride, Methyl Cyclohexane and Vinyl chloride

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

Batch	Lab Sample ID	Analytes
WG1919989	(LCSD) R3833051-2, L1530198-01, 02, 04, 05, 06, 11, 12, 13, 14, 15, 16, 17, 18, 19	2-Hexanone, Styrene and trans-1,3-Dichloropropene

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	21.3	J	18.0	100	1	09/09/2022 19:38	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	211000		8450	20000	1	09/07/2022 17:28	WG1921587

Sample Narrative:
L1530198-01 WG1921587: 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	8390	T8	75.0	250	5	09/09/2022 19:38	WG1922157

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	09/02/2022 16:15	WG1920505

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	60900	B T8	20000	1	09/07/2022 17:28	WG1921587

Sample Narrative:
L1530198-01 WG1921587: 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	09/15/2022 22:14	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4430000		37900	100000	100	09/03/2022 16:13	WG1921176
Sulfate	595000		5940	50000	10	08/31/2022 14:07	WG1918659

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)	10500		102	1000	1	09/08/2022 17:03	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	8410		18.0	100	1	09/02/2022 17:04	WG1919748
Manganese	1540		0.934	10.0	1	09/02/2022 17:04	WG1919748
Sodium	3560000		2520	15000	5	09/04/2022 10:44	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	412		2.91	10.0	1	09/04/2022 15:00	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:00	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:00	WG1921358

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	09/01/2022 12:53	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 12:53	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 12:53	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 12:53	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 12:53	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 12:53	WG1919989
Carbon disulfide	0.143	J	0.0962	1.00	1	09/01/2022 12:53	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 12:53	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 12:53	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 12:53	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 12:53	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 12:53	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 12:53	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 12:53	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 12:53	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 12:53	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 12:53	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 12:53	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 12:53	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 12:53	WG1919989
1,1-Dichloroethane	0.195	J	0.100	1.00	1	09/01/2022 12:53	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 12:53	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 12:53	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 12:53	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 12:53	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 12:53	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 12:53	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 12:53	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 12:53	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 12:53	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 12:53	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 12:53	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 12:53	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 12:53	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 12:53	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 12:53	WG1919989
Methyl tert-butyl ether	0.113	J	0.101	1.00	1	09/01/2022 12:53	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 12:53	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 12:53	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 12:53	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 12:53	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 12:53	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 12:53	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 12:53	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 12:53	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 12:53	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 12:53	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 12:53	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 12:53	WG1919989

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	09/01/2022 12:53	WG1919989
(S) Toluene-d8	*113*			*80.0-120*		*09/01/2022 12:53*	WG1919989
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*09/01/2022 12:53*	WG1919989
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*09/01/2022 12:53*	WG1919989

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/09/2022 19:39	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	376000		8450	20000	1	09/07/2022 17:32	WG1921587

Sample Narrative:
L1530198-02 WG1921587: 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	1770	T8	15.0	50.0	1	09/09/2022 19:39	WG1922157

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		250	500	5	09/02/2022 16:21	WG1920505

Sample Narrative:
L1530198-02 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	59600	B T8	20000	1	09/07/2022 17:32	WG1921587

Sample Narrative:
L1530198-02 WG1921587: 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	Q	25.0	50.0	1	09/15/2022 22:14	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3850000		37900	100000	100	09/03/2022 16:27	WG1921176
Sulfate	449000		5940	50000	10	08/31/2022 14:21	WG1918659

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)	7250		204	2000	2	09/08/2022 17:21	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	1270		18.0	100	1	09/02/2022 17:07	WG1919748
Manganese	356		0.934	10.0	1	09/02/2022 17:07	WG1919748

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2100000		2520	15000	5	09/04/2022 10:52	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	537		2.91	10.0	1	09/04/2022 15:02	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:02	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:02	WG1921358

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	09/01/2022 13:12	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 13:12	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 13:12	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 13:12	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 13:12	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 13:12	WG1919989
Carbon disulfide	0.323	J	0.0962	1.00	1	09/01/2022 13:12	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 13:12	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 13:12	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 13:12	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 13:12	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 13:12	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 13:12	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 13:12	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 13:12	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 13:12	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 13:12	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 13:12	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 13:12	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 13:12	WG1919989
1,1-Dichloroethane	0.590	J	0.100	1.00	1	09/01/2022 13:12	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 13:12	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 13:12	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 13:12	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 13:12	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 13:12	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 13:12	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 13:12	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 13:12	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 13:12	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 13:12	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 13:12	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 13:12	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 13:12	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 13:12	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 13:12	WG1919989
Methyl tert-butyl ether	0.343	J	0.101	1.00	1	09/01/2022 13:12	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 13:12	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 13:12	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 13:12	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 13:12	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 13:12	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 13:12	WG1919989

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	09/01/2022 13:12	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 13:12	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 13:12	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 13:12	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 13:12	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 13:12	WG1919989
Xylenes, Total	U		0.174	3.00	1	09/01/2022 13:12	WG1919989
(S) Toluene-d8	*112*			*80.0-120*		*09/01/2022 13:12*	WG1919989
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*09/01/2022 13:12*	WG1919989
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*09/01/2022 13:12*	WG1919989

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1530		15.0	50.0	1	09/09/2022 19:40	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	566000		8450	20000	1	09/07/2022 17:35	WG1921587

Sample Narrative:
L1530198-03 WG1921587: 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	321	T8	15.0	50.0	1	09/09/2022 19:40	WG1922157

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	09/02/2022 16:22	WG1920505

Sample Narrative:
L1530198-03 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	89700	B T8	20000	1	09/07/2022 17:35	WG1921587

Sample Narrative:
L1530198-03 WG1921587: 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	09/15/2022 22:14	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3550000		37900	100000	100	09/03/2022 19:57	WG1921124
Sulfate	369000		5940	50000	10	08/31/2022 14:35	WG1918659

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)	15200	B	510	5000	5	09/09/2022 05:29	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1850		18.0	100	1	09/02/2022 17:10	WG1919748
Manganese	61.7		0.934	10.0	1	09/02/2022 17:10	WG1919748

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1870000		2520	15000	5	09/04/2022 10:55	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	267		2.91	10.0	1	09/02/2022 12:02	WG1919833
Ethane	U		4.07	13.0	1	09/02/2022 12:02	WG1919833
Ethene	U		4.26	13.0	1	09/02/2022 12:02	WG1919833

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	09/06/2022 20:27	WG1921970
Benzene	U		0.0941	1.00	1	09/06/2022 20:27	WG1921970
Bromochloromethane	U		0.128	1.00	1	09/06/2022 20:27	WG1921970
Bromodichloromethane	U		0.136	1.00	1	09/06/2022 20:27	WG1921970
Bromoform	U		0.129	1.00	1	09/06/2022 20:27	WG1921970
Bromomethane	U		0.605	5.00	1	09/06/2022 20:27	WG1921970
Carbon disulfide	0.166	J	0.0962	1.00	1	09/06/2022 20:27	WG1921970
Carbon tetrachloride	U	J4	0.128	1.00	1	09/06/2022 20:27	WG1921970
Chlorobenzene	U		0.116	1.00	1	09/06/2022 20:27	WG1921970
Chlorodibromomethane	U		0.140	1.00	1	09/06/2022 20:27	WG1921970
Chloroethane	U		0.192	5.00	1	09/06/2022 20:27	WG1921970
Chloroform	U		0.111	5.00	1	09/06/2022 20:27	WG1921970
Chloromethane	U		0.960	2.50	1	09/06/2022 20:27	WG1921970
Cyclohexane	U		0.188	1.00	1	09/06/2022 20:27	WG1921970
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/06/2022 20:27	WG1921970
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2022 20:27	WG1921970
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2022 20:27	WG1921970
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2022 20:27	WG1921970
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2022 20:27	WG1921970
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2022 20:27	WG1921970
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2022 20:27	WG1921970
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2022 20:27	WG1921970
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2022 20:27	WG1921970
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/06/2022 20:27	WG1921970
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2022 20:27	WG1921970
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2022 20:27	WG1921970
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2022 20:27	WG1921970
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2022 20:27	WG1921970
Ethylbenzene	U		0.137	1.00	1	09/06/2022 20:27	WG1921970
2-Hexanone	U		0.787	10.0	1	09/06/2022 20:27	WG1921970
Isopropylbenzene	U		0.105	1.00	1	09/06/2022 20:27	WG1921970
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2022 20:27	WG1921970
Methyl Acetate	U		1.29	20.0	1	09/06/2022 20:27	WG1921970
Methyl Cyclohexane	U	J4	0.660	1.00	1	09/06/2022 20:27	WG1921970
Methylene Chloride	U		0.430	5.00	1	09/06/2022 20:27	WG1921970
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2022 20:27	WG1921970
Methyl tert-butyl ether	20.0		0.101	1.00	1	09/06/2022 20:27	WG1921970
Styrene	U		0.118	1.00	1	09/06/2022 20:27	WG1921970
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2022 20:27	WG1921970
Tetrachloroethene	U		0.300	1.00	1	09/06/2022 20:27	WG1921970
Toluene	U		0.278	1.00	1	09/06/2022 20:27	WG1921970
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2022 20:27	WG1921970
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2022 20:27	WG1921970

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	09/06/2022 20:27	WG1921970
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2022 20:27	WG1921970
Trichloroethene	U		0.190	1.00	1	09/06/2022 20:27	WG1921970
Trichlorofluoromethane	U		0.160	5.00	1	09/06/2022 20:27	WG1921970
1,1,2-Trichlorotrifluoroethane	U	J4	0.180	1.00	1	09/06/2022 20:27	WG1921970
Vinyl chloride	U	J4	0.234	1.00	1	09/06/2022 20:27	WG1921970
Xylenes, Total	U		0.174	3.00	1	09/06/2022 20:27	WG1921970
(S) Toluene-d8	*95.4*			*80.0-120*		*09/06/2022 20:27*	WG1921970
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*09/06/2022 20:27*	WG1921970
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/06/2022 20:27*	WG1921970

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	09/09/2022 19:41	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	668000		8450	20000	1	09/07/2022 17:38	WG1921587

Sample Narrative:
L1530198-04 WG1921587: 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	15100	T8	375	1250	25	09/09/2022 19:41	WG1922157

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	204		50.0	100	1	09/02/2022 16:23	WG1920505

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	38600	B T8	20000	1	09/07/2022 17:38	WG1921587

Sample Narrative:
L1530198-04 WG1921587: 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	09/15/2022 22:15	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	17500000		37900	100000	100	08/31/2022 14:48	WG1918659
Sulfate	2030000		59400	500000	100	08/31/2022 14:48	WG1918659

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)	7510	B	102	1000	1	09/09/2022 05:48	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	15100		18.0	100	1	09/02/2022 17:19	WG1919748
Manganese	307		0.934	10.0	1	09/02/2022 17:19	WG1919748
Sodium	8330000		10100	60000	20	09/04/2022 15:33	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	20.5		2.91	10.0	1	09/02/2022 12:04	WG1919833
Ethane	U		4.07	13.0	1	09/02/2022 12:04	WG1919833
Ethene	U		4.26	13.0	1	09/02/2022 12:04	WG1919833

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	09/01/2022 13:32	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 13:32	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 13:32	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 13:32	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 13:32	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 13:32	WG1919989
Carbon disulfide	0.266	J	0.0962	1.00	1	09/01/2022 13:32	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 13:32	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 13:32	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 13:32	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 13:32	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 13:32	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 13:32	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 13:32	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 13:32	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 13:32	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 13:32	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 13:32	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 13:32	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 13:32	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 13:32	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 13:32	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 13:32	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 13:32	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 13:32	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 13:32	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 13:32	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 13:32	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 13:32	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 13:32	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 13:32	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 13:32	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 13:32	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 13:32	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 13:32	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 13:32	WG1919989
Methyl tert-butyl ether	0.356	J	0.101	1.00	1	09/01/2022 13:32	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 13:32	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 13:32	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 13:32	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 13:32	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 13:32	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 13:32	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 13:32	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 13:32	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 13:32	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 13:32	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 13:32	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 13:32	WG1919989

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	09/01/2022 13:32	WG1919989
(S) Toluene-d8	*119*			*80.0-120*		*09/01/2022 13:32*	WG1919989
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*09/01/2022 13:32*	WG1919989
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*09/01/2022 13:32*	WG1919989

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	39.3	J	18.0	100	1	09/09/2022 19:42	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	556000		8450	20000	1	09/07/2022 17:54	WG1921587

Sample Narrative:
L1530198-05 WG1921587: 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	18500	T8	375	1250	25	09/09/2022 19:42	WG1922157

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	09/02/2022 16:28	WG1920505

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	100000	B T8	20000	1	09/07/2022 17:54	WG1921587

Sample Narrative:
L1530198-05 WG1921587: 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	09/15/2022 22:15	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	15900000		37900	100000	100	08/31/2022 15:02	WG1918659
Sulfate	1800000		59400	500000	100	08/31/2022 15:02	WG1918659

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)	8010		102	1000	1	09/09/2022 06:08	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18500		18.0	100	1	09/02/2022 17:22	WG1919748
Manganese	375		0.934	10.0	1	09/02/2022 17:22	WG1919748
Sodium	7850000		10100	60000	20	09/04/2022 15:36	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	15.9		2.91	10.0	1	09/02/2022 12:08	WG1919833
Ethane	U		4.07	13.0	1	09/02/2022 12:08	WG1919833
Ethene	U		4.26	13.0	1	09/02/2022 12:08	WG1919833

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	09/01/2022 13:52	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 13:52	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 13:52	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 13:52	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 13:52	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 13:52	WG1919989
Carbon disulfide	U		0.0962	1.00	1	09/01/2022 13:52	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 13:52	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 13:52	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 13:52	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 13:52	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 13:52	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 13:52	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 13:52	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 13:52	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 13:52	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 13:52	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 13:52	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 13:52	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 13:52	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 13:52	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 13:52	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 13:52	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 13:52	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 13:52	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 13:52	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 13:52	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 13:52	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 13:52	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 13:52	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 13:52	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 13:52	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 13:52	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 13:52	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 13:52	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 13:52	WG1919989
Methyl tert-butyl ether	0.184	J	0.101	1.00	1	09/01/2022 13:52	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 13:52	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 13:52	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 13:52	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 13:52	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 13:52	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 13:52	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 13:52	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 13:52	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 13:52	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 13:52	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 13:52	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 13:52	WG1919989

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	09/01/2022 13:52	WG1919989
(S) Toluene-d8	*109*			*80.0-120*		*09/01/2022 13:52*	WG1919989
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*09/01/2022 13:52*	WG1919989
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*09/01/2022 13:52*	WG1919989

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	09/09/2022 19:46	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	761000		8450	20000	1	09/07/2022 17:58	WG1921587

Sample Narrative:
L1530198-06 WG1921587: 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	3120	T8	30.0	100	2	09/09/2022 19:46	WG1922157

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	09/02/2022 16:29	WG1920505

Sample Narrative:
L1530198-06 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	107000	T8	20000	1	09/07/2022 17:58	WG1921587

Sample Narrative:
L1530198-06 WG1921587: 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	09/15/2022 22:15	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4190000		37900	100000	100	09/03/2022 20:10	WG1921124
Sulfate	157000		5940	50000	10	08/31/2022 15:16	WG1918659

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)	15200	B	510	5000	5	09/09/2022 06:26	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	467		18.0	100	1	09/02/2022 17:25	WG1919748
Manganese	70.9		0.934	10.0	1	09/02/2022 17:25	WG1919748

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	2010000		2520	15000	5	09/04/2022 11:03	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	558		2.91	10.0	1	09/02/2022 12:13	WG1919833
Ethane	U		4.07	13.0	1	09/02/2022 12:13	WG1919833
Ethene	U		4.26	13.0	1	09/02/2022 12:13	WG1919833

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	09/01/2022 15:30	WG1919989
Benzene	0.154	J	0.0941	1.00	1	09/01/2022 15:30	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 15:30	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 15:30	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 15:30	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 15:30	WG1919989
Carbon disulfide	0.861	J	0.0962	1.00	1	09/01/2022 15:30	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 15:30	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 15:30	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 15:30	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 15:30	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 15:30	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 15:30	WG1919989
Cyclohexane	0.396	J	0.188	1.00	1	09/01/2022 15:30	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 15:30	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 15:30	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 15:30	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 15:30	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 15:30	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 15:30	WG1919989
1,1-Dichloroethane	0.124	J	0.100	1.00	1	09/01/2022 15:30	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 15:30	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 15:30	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 15:30	WG1919989
trans-1,2-Dichloroethene	0.835	J	0.149	1.00	1	09/01/2022 15:30	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 15:30	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 15:30	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 15:30	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 15:30	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 15:30	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 15:30	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 15:30	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 15:30	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 15:30	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 15:30	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 15:30	WG1919989
Methyl tert-butyl ether	14.6		0.101	1.00	1	09/01/2022 15:30	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 15:30	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 15:30	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 15:30	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 15:30	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 15:30	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 15:30	WG1919989

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	09/01/2022 15:30	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 15:30	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 15:30	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 15:30	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 15:30	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 15:30	WG1919989
Xylenes, Total	U		0.174	3.00	1	09/01/2022 15:30	WG1919989
(S) Toluene-d8	*104*			*80.0-120*		*09/01/2022 15:30*	WG1919989
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*09/01/2022 15:30*	WG1919989
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*09/01/2022 15:30*	WG1919989

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	09/15/2022 01:01	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	254000		8450	20000	1	09/07/2022 18:02	WG1921587

Sample Narrative:
L1530198-07 WG1921587: 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	1540	T8	15.0	50.0	1	09/15/2022 01:01	WG1922158

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	116		50.0	100	1	09/02/2022 16:31	WG1920505

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	09/07/2022 18:02	WG1921587

Sample Narrative:
L1530198-07 WG1921587: 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	09/15/2022 22:15	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	565000		37900	100000	100	09/05/2022 00:11	WG1921424
Sulfate	207000		5940	50000	10	08/31/2022 15:57	WG1918659

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)	18500		102	1000	1	09/08/2022 17:44	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	958		18.0	100	1	09/02/2022 17:28	WG1919748
Manganese	60.7		0.934	10.0	1	09/02/2022 17:28	WG1919748
Sodium	335000		504	3000	1	09/02/2022 17:28	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	23.5		2.91	10.0	1	09/04/2022 15:07	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:07	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:07	WG1921358

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	09/06/2022 21:22	WG1921406
Benzene	U		0.0941	1.00	1	09/06/2022 21:22	WG1921406
Bromochloromethane	U	J4	0.128	1.00	1	09/06/2022 21:22	WG1921406
Bromodichloromethane	U		0.136	1.00	1	09/06/2022 21:22	WG1921406
Bromoform	U		0.129	1.00	1	09/06/2022 21:22	WG1921406
Bromomethane	U	C3	0.605	5.00	1	09/06/2022 21:22	WG1921406
Carbon disulfide	U		0.0962	1.00	1	09/06/2022 21:22	WG1921406
Carbon tetrachloride	U		0.128	1.00	1	09/06/2022 21:22	WG1921406
Chlorobenzene	U		0.116	1.00	1	09/06/2022 21:22	WG1921406
Chlorodibromomethane	U		0.140	1.00	1	09/06/2022 21:22	WG1921406
Chloroethane	U		0.192	5.00	1	09/06/2022 21:22	WG1921406
Chloroform	U		0.111	5.00	1	09/06/2022 21:22	WG1921406
Chloromethane	U	C3	0.960	2.50	1	09/06/2022 21:22	WG1921406
Cyclohexane	U		0.188	1.00	1	09/06/2022 21:22	WG1921406
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/06/2022 21:22	WG1921406
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2022 21:22	WG1921406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2022 21:22	WG1921406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2022 21:22	WG1921406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2022 21:22	WG1921406
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2022 21:22	WG1921406
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2022 21:22	WG1921406
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2022 21:22	WG1921406
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2022 21:22	WG1921406
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/06/2022 21:22	WG1921406
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2022 21:22	WG1921406
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2022 21:22	WG1921406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2022 21:22	WG1921406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2022 21:22	WG1921406
Ethylbenzene	U		0.137	1.00	1	09/06/2022 21:22	WG1921406
2-Hexanone	U		0.787	10.0	1	09/06/2022 21:22	WG1921406
Isopropylbenzene	U		0.105	1.00	1	09/06/2022 21:22	WG1921406
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2022 21:22	WG1921406
Methyl Acetate	U		1.29	20.0	1	09/06/2022 21:22	WG1921406
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2022 21:22	WG1921406
Methylene Chloride	U		0.430	5.00	1	09/06/2022 21:22	WG1921406
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2022 21:22	WG1921406
Methyl tert-butyl ether	0.460	J	0.101	1.00	1	09/06/2022 21:22	WG1921406
Styrene	U		0.118	1.00	1	09/06/2022 21:22	WG1921406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2022 21:22	WG1921406
Tetrachloroethene	U		0.300	1.00	1	09/06/2022 21:22	WG1921406
Toluene	U		0.278	1.00	1	09/06/2022 21:22	WG1921406
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/06/2022 21:22	WG1921406
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/06/2022 21:22	WG1921406
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2022 21:22	WG1921406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2022 21:22	WG1921406
Trichloroethene	U	J4	0.190	1.00	1	09/06/2022 21:22	WG1921406
Trichlorofluoromethane	U		0.160	5.00	1	09/06/2022 21:22	WG1921406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2022 21:22	WG1921406
Vinyl chloride	U		0.234	1.00	1	09/06/2022 21:22	WG1921406

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	09/06/2022 21:22	WG1921406
(S) Toluene-d8	*105*			*80.0-120*		*09/06/2022 21:22*	WG1921406
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*09/06/2022 21:22*	WG1921406
(S) 1,2-Dichloroethane-d4	*91.7*			*70.0-130*		*09/06/2022 21:22*	WG1921406

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	751		15.0	50.0	1	09/15/2022 01:01	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	391000		8450	20000	1	09/07/2022 18:05	WG1921587

Sample Narrative:
L1530198-08 WG1921587: 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	1780	T8	15.0	50.0	1	09/15/2022 01:01	WG1922158

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	09/02/2022 16:32	WG1920505

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	30400	B T8	20000	1	09/07/2022 18:05	WG1921587

Sample Narrative:
L1530198-08 WG1921587: 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	09/15/2022 22:17	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2500000		37900	100000	100	09/03/2022 20:22	WG1921124
Sulfate	151000		5940	50000	10	08/31/2022 16:11	WG1918659

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)	7050		102	1000	1	09/08/2022 18:03	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2530		18.0	100	1	09/02/2022 17:30	WG1919748
Manganese	761		0.934	10.0	1	09/02/2022 17:30	WG1919748
Sodium	868000		504	3000	1	09/02/2022 17:30	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1330		2.91	10.0	1	09/04/2022 15:10	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:10	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:10	WG1921358

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	09/06/2022 21:44	WG1921406
Benzene	U		0.0941	1.00	1	09/06/2022 21:44	WG1921406
Bromochloromethane	U	J4	0.128	1.00	1	09/06/2022 21:44	WG1921406
Bromodichloromethane	U		0.136	1.00	1	09/06/2022 21:44	WG1921406
Bromoform	U		0.129	1.00	1	09/06/2022 21:44	WG1921406
Bromomethane	U	C3	0.605	5.00	1	09/06/2022 21:44	WG1921406
Carbon disulfide	0.342	J	0.0962	1.00	1	09/06/2022 21:44	WG1921406
Carbon tetrachloride	U		0.128	1.00	1	09/06/2022 21:44	WG1921406
Chlorobenzene	U		0.116	1.00	1	09/06/2022 21:44	WG1921406
Chlorodibromomethane	U		0.140	1.00	1	09/06/2022 21:44	WG1921406
Chloroethane	U		0.192	5.00	1	09/06/2022 21:44	WG1921406
Chloroform	U		0.111	5.00	1	09/06/2022 21:44	WG1921406
Chloromethane	U	C3	0.960	2.50	1	09/06/2022 21:44	WG1921406
Cyclohexane	U		0.188	1.00	1	09/06/2022 21:44	WG1921406
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/06/2022 21:44	WG1921406
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2022 21:44	WG1921406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2022 21:44	WG1921406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2022 21:44	WG1921406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2022 21:44	WG1921406
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2022 21:44	WG1921406
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2022 21:44	WG1921406
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2022 21:44	WG1921406
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2022 21:44	WG1921406
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/06/2022 21:44	WG1921406
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2022 21:44	WG1921406
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2022 21:44	WG1921406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2022 21:44	WG1921406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2022 21:44	WG1921406
Ethylbenzene	U		0.137	1.00	1	09/06/2022 21:44	WG1921406
2-Hexanone	U		0.787	10.0	1	09/06/2022 21:44	WG1921406
Isopropylbenzene	U		0.105	1.00	1	09/06/2022 21:44	WG1921406
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2022 21:44	WG1921406
Methyl Acetate	U		1.29	20.0	1	09/06/2022 21:44	WG1921406
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2022 21:44	WG1921406
Methylene Chloride	U		0.430	5.00	1	09/06/2022 21:44	WG1921406
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2022 21:44	WG1921406
Methyl tert-butyl ether	20.1		0.101	1.00	1	09/06/2022 21:44	WG1921406
Styrene	U		0.118	1.00	1	09/06/2022 21:44	WG1921406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2022 21:44	WG1921406
Tetrachloroethene	U		0.300	1.00	1	09/06/2022 21:44	WG1921406
Toluene	U		0.278	1.00	1	09/06/2022 21:44	WG1921406
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/06/2022 21:44	WG1921406
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/06/2022 21:44	WG1921406
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2022 21:44	WG1921406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2022 21:44	WG1921406
Trichloroethene	U	J4	0.190	1.00	1	09/06/2022 21:44	WG1921406
Trichlorofluoromethane	U		0.160	5.00	1	09/06/2022 21:44	WG1921406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2022 21:44	WG1921406
Vinyl chloride	U		0.234	1.00	1	09/06/2022 21:44	WG1921406

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	09/06/2022 21:44	WG1921406
(S) Toluene-d8	*108*			*80.0-120*		*09/06/2022 21:44*	WG1921406
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*09/06/2022 21:44*	WG1921406
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*09/06/2022 21:44*	WG1921406

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	3360		15.0	50.0	1	09/15/2022 01:02	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	581000		8450	20000	1	09/07/2022 18:10	WG1921587

Sample Narrative:
L1530198-09 WG1921587: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	1200	T8	15.0	50.0	1	09/15/2022 01:02	WG1922158

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	09/02/2022 16:33	WG1920505

Sample Narrative:
L1530198-09 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	96700	B T8	20000	1	09/07/2022 18:10	WG1921587

Sample Narrative:
L1530198-09 WG1921587: 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	09/15/2022 22:17	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3610000		37900	100000	100	09/03/2022 20:35	WG1921124
Sulfate	282000		5940	50000	10	08/31/2022 16:25	WG1918659

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)	10600	B	510	5000	5	09/09/2022 07:19	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4560		18.0	100	1	09/02/2022 17:33	WG1919748
Manganese	69.6		0.934	10.0	1	09/02/2022 17:33	WG1919748

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	09/04/2022 15:39	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	418		2.91	10.0	1	09/02/2022 12:46	WG1919833
Ethane	U		4.07	13.0	1	09/02/2022 12:46	WG1919833
Ethene	U		4.26	13.0	1	09/02/2022 12:46	WG1919833

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	09/06/2022 22:05	WG1921406
Benzene	0.354	J	0.0941	1.00	1	09/06/2022 22:05	WG1921406
Bromochloromethane	U	J4	0.128	1.00	1	09/06/2022 22:05	WG1921406
Bromodichloromethane	U		0.136	1.00	1	09/06/2022 22:05	WG1921406
Bromoform	U		0.129	1.00	1	09/06/2022 22:05	WG1921406
Bromomethane	U	C3	0.605	5.00	1	09/06/2022 22:05	WG1921406
Carbon disulfide	0.616	J	0.0962	1.00	1	09/06/2022 22:05	WG1921406
Carbon tetrachloride	U		0.128	1.00	1	09/06/2022 22:05	WG1921406
Chlorobenzene	U		0.116	1.00	1	09/06/2022 22:05	WG1921406
Chlorodibromomethane	U		0.140	1.00	1	09/06/2022 22:05	WG1921406
Chloroethane	U		0.192	5.00	1	09/06/2022 22:05	WG1921406
Chloroform	U		0.111	5.00	1	09/06/2022 22:05	WG1921406
Chloromethane	U	C3	0.960	2.50	1	09/06/2022 22:05	WG1921406
Cyclohexane	U		0.188	1.00	1	09/06/2022 22:05	WG1921406
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/06/2022 22:05	WG1921406
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2022 22:05	WG1921406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2022 22:05	WG1921406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2022 22:05	WG1921406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2022 22:05	WG1921406
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2022 22:05	WG1921406
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2022 22:05	WG1921406
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2022 22:05	WG1921406
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2022 22:05	WG1921406
cis-1,2-Dichloroethene	0.184	J	0.126	1.00	1	09/06/2022 22:05	WG1921406
trans-1,2-Dichloroethene	0.276	J	0.149	1.00	1	09/06/2022 22:05	WG1921406
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2022 22:05	WG1921406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2022 22:05	WG1921406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2022 22:05	WG1921406
Ethylbenzene	U		0.137	1.00	1	09/06/2022 22:05	WG1921406
2-Hexanone	U		0.787	10.0	1	09/06/2022 22:05	WG1921406
Isopropylbenzene	U		0.105	1.00	1	09/06/2022 22:05	WG1921406
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2022 22:05	WG1921406
Methyl Acetate	U		1.29	20.0	1	09/06/2022 22:05	WG1921406
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2022 22:05	WG1921406
Methylene Chloride	U		0.430	5.00	1	09/06/2022 22:05	WG1921406
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2022 22:05	WG1921406
Methyl tert-butyl ether	21.5		0.101	1.00	1	09/06/2022 22:05	WG1921406
Styrene	U		0.118	1.00	1	09/06/2022 22:05	WG1921406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2022 22:05	WG1921406
Tetrachloroethene	U		0.300	1.00	1	09/06/2022 22:05	WG1921406
Toluene	U		0.278	1.00	1	09/06/2022 22:05	WG1921406
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/06/2022 22:05	WG1921406
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/06/2022 22:05	WG1921406

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	09/06/2022 22:05	WG1921406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2022 22:05	WG1921406
Trichloroethene	U	J4	0.190	1.00	1	09/06/2022 22:05	WG1921406
Trichlorofluoromethane	U		0.160	5.00	1	09/06/2022 22:05	WG1921406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2022 22:05	WG1921406
Vinyl chloride	U		0.234	1.00	1	09/06/2022 22:05	WG1921406
Xylenes, Total	U		0.174	3.00	1	09/06/2022 22:05	WG1921406
(S) Toluene-d8	*108*			*80.0-120*		*09/06/2022 22:05*	WG1921406
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*09/06/2022 22:05*	WG1921406
(S) 1,2-Dichloroethane-d4	*86.8*			*70.0-130*		*09/06/2022 22:05*	WG1921406

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	09/15/2022 01:02	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	348000		8450	20000	1	09/07/2022 18:13	WG1921587

Sample Narrative:
L1530198-10 WG1921587: 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	4800	T8	150	500	10	09/15/2022 01:02	WG1922158

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	09/02/2022 16:35	WG1920505

Sample Narrative:
L1530198-10 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	21900	B T8	20000	1	09/07/2022 18:13	WG1921587

Sample Narrative:
L1530198-10 WG1921587: 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	09/15/2022 22:17	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2350000		37900	100000	100	09/03/2022 20:47	WG1921124
Sulfate	183000		5940	50000	10	08/31/2022 16:39	WG1918659

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)	16100		204	2000	2	09/08/2022 18:23	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1450		18.0	100	1	09/02/2022 17:36	WG1919748
Manganese	1270		0.934	10.0	1	09/02/2022 17:36	WG1919748

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1170000		2520	15000	5	09/04/2022 11:09	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1160		2.91	10.0	1	09/04/2022 15:13	WG1921358
Ethane	9.18	J	4.07	13.0	1	09/04/2022 15:13	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:13	WG1921358

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	09/06/2022 22:26	WG1921406
Benzene	U		0.0941	1.00	1	09/06/2022 22:26	WG1921406
Bromochloromethane	U	J4	0.128	1.00	1	09/06/2022 22:26	WG1921406
Bromodichloromethane	U		0.136	1.00	1	09/06/2022 22:26	WG1921406
Bromoform	U		0.129	1.00	1	09/06/2022 22:26	WG1921406
Bromomethane	U	C3	0.605	5.00	1	09/06/2022 22:26	WG1921406
Carbon disulfide	0.296	J	0.0962	1.00	1	09/06/2022 22:26	WG1921406
Carbon tetrachloride	U		0.128	1.00	1	09/06/2022 22:26	WG1921406
Chlorobenzene	U		0.116	1.00	1	09/06/2022 22:26	WG1921406
Chlorodibromomethane	U		0.140	1.00	1	09/06/2022 22:26	WG1921406
Chloroethane	U		0.192	5.00	1	09/06/2022 22:26	WG1921406
Chloroform	U		0.111	5.00	1	09/06/2022 22:26	WG1921406
Chloromethane	U	C3	0.960	2.50	1	09/06/2022 22:26	WG1921406
Cyclohexane	U		0.188	1.00	1	09/06/2022 22:26	WG1921406
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/06/2022 22:26	WG1921406
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2022 22:26	WG1921406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2022 22:26	WG1921406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2022 22:26	WG1921406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2022 22:26	WG1921406
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2022 22:26	WG1921406
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2022 22:26	WG1921406
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2022 22:26	WG1921406
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2022 22:26	WG1921406
cis-1,2-Dichloroethene	0.582	J	0.126	1.00	1	09/06/2022 22:26	WG1921406
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2022 22:26	WG1921406
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2022 22:26	WG1921406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2022 22:26	WG1921406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2022 22:26	WG1921406
Ethylbenzene	U		0.137	1.00	1	09/06/2022 22:26	WG1921406
2-Hexanone	U		0.787	10.0	1	09/06/2022 22:26	WG1921406
Isopropylbenzene	0.307	J	0.105	1.00	1	09/06/2022 22:26	WG1921406
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2022 22:26	WG1921406
Methyl Acetate	U		1.29	20.0	1	09/06/2022 22:26	WG1921406
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2022 22:26	WG1921406
Methylene Chloride	U		0.430	5.00	1	09/06/2022 22:26	WG1921406
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2022 22:26	WG1921406
Methyl tert-butyl ether	66.0		0.101	1.00	1	09/06/2022 22:26	WG1921406
Styrene	U		0.118	1.00	1	09/06/2022 22:26	WG1921406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2022 22:26	WG1921406
Tetrachloroethene	U		0.300	1.00	1	09/06/2022 22:26	WG1921406
Toluene	U		0.278	1.00	1	09/06/2022 22:26	WG1921406
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/06/2022 22:26	WG1921406
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/06/2022 22:26	WG1921406

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	09/06/2022 22:26	WG1921406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2022 22:26	WG1921406
Trichloroethene	U	J4	0.190	1.00	1	09/06/2022 22:26	WG1921406
Trichlorofluoromethane	U		0.160	5.00	1	09/06/2022 22:26	WG1921406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2022 22:26	WG1921406
Vinyl chloride	U		0.234	1.00	1	09/06/2022 22:26	WG1921406
Xylenes, Total	U		0.174	3.00	1	09/06/2022 22:26	WG1921406
(S) Toluene-d8	*108*			*80.0-120*		*09/06/2022 22:26*	WG1921406
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*09/06/2022 22:26*	WG1921406
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*09/06/2022 22:26*	WG1921406

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	749		15.0	50.0	1	09/15/2022 01:03	WG1919748

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	273000		8450	20000	1	09/07/2022 18:16	WG1921587

Sample Narrative:
L1530198-11 WG1921587: 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	925	T8	15.0	50.0	1	09/15/2022 01:03	WG1922158

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	09/02/2022 16:36	WG1920505

Sample Narrative:
L1530198-11 WG1920505: Dilution due to sulfide interference.

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	09/07/2022 18:16	WG1921587

Sample Narrative:
L1530198-11 WG1921587: 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	09/15/2022 22:23	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1070000		3790	10000	10	08/31/2022 16:52	WG1918659
Sulfate	52100		5940	50000	10	08/31/2022 16:52	WG1918659

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)	18600	B	510	5000	5	09/09/2022 07:37	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1670		18.0	100	1	09/02/2022 17:39	WG1919748
Manganese	45.7		0.934	10.0	1	09/02/2022 17:39	WG1919748

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	912000		504	3000	1	09/02/2022 17:39	WG1919748

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3630		2.91	10.0	1	09/04/2022 15:17	WG1921358
Ethane	455		4.07	13.0	1	09/04/2022 15:17	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:17	WG1921358

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	09/01/2022 15:50	WG1919989
Benzene	4.13		0.0941	1.00	1	09/01/2022 15:50	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 15:50	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 15:50	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 15:50	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 15:50	WG1919989
Carbon disulfide	1.30		0.0962	1.00	1	09/01/2022 15:50	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 15:50	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 15:50	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 15:50	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 15:50	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 15:50	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 15:50	WG1919989
Cyclohexane	0.665	J	0.188	1.00	1	09/01/2022 15:50	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 15:50	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 15:50	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 15:50	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 15:50	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 15:50	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 15:50	WG1919989
1,1-Dichloroethane	0.375	J	0.100	1.00	1	09/01/2022 15:50	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 15:50	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 15:50	WG1919989
cis-1,2-Dichloroethene	0.542	J	0.126	1.00	1	09/01/2022 15:50	WG1919989
trans-1,2-Dichloroethene	1.16		0.149	1.00	1	09/01/2022 15:50	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 15:50	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 15:50	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 15:50	WG1919989
Ethylbenzene	2.63		0.137	1.00	1	09/01/2022 15:50	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 15:50	WG1919989
Isopropylbenzene	0.269	J	0.105	1.00	1	09/01/2022 15:50	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 15:50	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 15:50	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 15:50	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 15:50	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 15:50	WG1919989
Methyl tert-butyl ether	69.7		0.101	1.00	1	09/01/2022 15:50	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 15:50	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 15:50	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 15:50	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 15:50	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 15:50	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 15:50	WG1919989

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	09/01/2022 15:50	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 15:50	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 15:50	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 15:50	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 15:50	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 15:50	WG1919989
Xylenes, Total	U		0.174	3.00	1	09/01/2022 15:50	WG1919989
(S) Toluene-d8	*106*			*80.0-120*		*09/01/2022 15:50*	WG1919989
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*09/01/2022 15:50*	WG1919989
(S) 1,2-Dichloroethane-d4	*99.3*			*70.0-130*		*09/01/2022 15:50*	WG1919989

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	09/15/2022 01:04	WG1920771

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	456000		8450	20000	1	09/07/2022 18:24	WG1921587

Sample Narrative:
L1530198-12 WG1921587: 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	225	T8	15.0	50.0	1	09/15/2022 01:04	WG1922158

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	09/02/2022 16:37	WG1920505

Sample Narrative:
L1530198-12 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	34600	B T8	20000	1	09/07/2022 18:24	WG1921587

Sample Narrative:
L1530198-12 WG1921587: 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	09/15/2022 22:24	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2300000		37900	100000	100	09/03/2022 21:00	WG1921124
Sulfate	178000		5940	50000	10	08/31/2022 17:06	WG1918659

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)	28800		204	2000	2	09/08/2022 19:23	WG1922344

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	181		18.0	100	1	09/05/2022 15:44	WG1920771
Manganese	39.0		0.934	10.0	1	09/05/2022 15:44	WG1920771

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1320000		2520	15000	5	09/06/2022 11:32	WG1920771

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6040		2.91	10.0	1	09/04/2022 15:21	WG1921358
Ethane	34.5		4.07	13.0	1	09/04/2022 15:21	WG1921358
Ethene	17.2		4.26	13.0	1	09/04/2022 15:21	WG1921358

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	09/01/2022 16:09	WG1919989
Benzene	8.97		0.0941	1.00	1	09/01/2022 16:09	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 16:09	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 16:09	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 16:09	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 16:09	WG1919989
Carbon disulfide	1.09		0.0962	1.00	1	09/01/2022 16:09	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 16:09	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 16:09	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 16:09	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 16:09	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 16:09	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 16:09	WG1919989
Cyclohexane	0.506	J	0.188	1.00	1	09/01/2022 16:09	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 16:09	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 16:09	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 16:09	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 16:09	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 16:09	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 16:09	WG1919989
1,1-Dichloroethane	0.115	J	0.100	1.00	1	09/01/2022 16:09	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 16:09	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 16:09	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 16:09	WG1919989
trans-1,2-Dichloroethene	0.890	J	0.149	1.00	1	09/01/2022 16:09	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 16:09	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 16:09	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 16:09	WG1919989
Ethylbenzene	2.74		0.137	1.00	1	09/01/2022 16:09	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 16:09	WG1919989
Isopropylbenzene	0.818	J	0.105	1.00	1	09/01/2022 16:09	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 16:09	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 16:09	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 16:09	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 16:09	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 16:09	WG1919989
Methyl tert-butyl ether	65.0		0.101	1.00	1	09/01/2022 16:09	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 16:09	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 16:09	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 16:09	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 16:09	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 16:09	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 16:09	WG1919989

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	09/01/2022 16:09	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 16:09	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 16:09	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 16:09	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 16:09	WG1919989
Vinyl chloride	3.05		0.234	1.00	1	09/01/2022 16:09	WG1919989
Xylenes, Total	5.51		0.174	3.00	1	09/01/2022 16:09	WG1919989
(S) Toluene-d8	*110*			*80.0-120*		*09/01/2022 16:09*	WG1919989
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*09/01/2022 16:09*	WG1919989
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*09/01/2022 16:09*	WG1919989

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	303		18.0	100	1	09/15/2022 01:04	WG1920771

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	391000		8450	20000	1	09/07/2022 18:27	WG1921587

Sample Narrative:
L1530198-13 WG1921587: 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	5100	T8	150	500	10	09/15/2022 01:04	WG1922158

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	09/02/2022 16:38	WG1920505

Sample Narrative:
L1530198-13 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	84900	B T8	20000	1	09/07/2022 18:27	WG1921587

Sample Narrative:
L1530198-13 WG1921587: 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	63.0	Q	25.0	50.0	1	09/15/2022 22:24	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2450000		37900	100000	100	09/03/2022 21:12	WG1921124
Sulfate	133000		5940	50000	10	08/31/2022 17:20	WG1918659

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)	25900	B	510	5000	5	09/09/2022 07:57	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5400		18.0	100	1	09/05/2022 15:46	WG1920771
Manganese	76.2		0.934	10.0	1	09/05/2022 15:46	WG1920771

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1620000		2520	15000	5	09/06/2022 11:35	WG1920771

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3660		2.91	10.0	1	09/04/2022 15:26	WG1921358
Ethane	250		4.07	13.0	1	09/04/2022 15:26	WG1921358
Ethene	120		4.26	13.0	1	09/04/2022 15:26	WG1921358

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	09/01/2022 16:29	WG1919989
Benzene	3.90		0.0941	1.00	1	09/01/2022 16:29	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 16:29	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 16:29	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 16:29	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 16:29	WG1919989
Carbon disulfide	1.69		0.0962	1.00	1	09/01/2022 16:29	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 16:29	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 16:29	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 16:29	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 16:29	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 16:29	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 16:29	WG1919989
Cyclohexane	1.43		0.188	1.00	1	09/01/2022 16:29	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 16:29	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 16:29	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 16:29	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 16:29	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 16:29	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 16:29	WG1919989
1,1-Dichloroethane	0.564	J	0.100	1.00	1	09/01/2022 16:29	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 16:29	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 16:29	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 16:29	WG1919989
trans-1,2-Dichloroethene	14.5		0.149	1.00	1	09/01/2022 16:29	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 16:29	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 16:29	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 16:29	WG1919989
Ethylbenzene	4.33		0.137	1.00	1	09/01/2022 16:29	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 16:29	WG1919989
Isopropylbenzene	0.700	J	0.105	1.00	1	09/01/2022 16:29	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 16:29	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 16:29	WG1919989
Methyl Cyclohexane	1.91		0.660	1.00	1	09/01/2022 16:29	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 16:29	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 16:29	WG1919989
Methyl tert-butyl ether	102		0.101	1.00	1	09/01/2022 16:29	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 16:29	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 16:29	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 16:29	WG1919989
Toluene	0.302	J	0.278	1.00	1	09/01/2022 16:29	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 16:29	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 16:29	WG1919989

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	09/01/2022 16:29	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 16:29	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 16:29	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 16:29	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 16:29	WG1919989
Vinyl chloride	5.48		0.234	1.00	1	09/01/2022 16:29	WG1919989
Xylenes, Total	1.14	J	0.174	3.00	1	09/01/2022 16:29	WG1919989
(S) Toluene-d8	*112*			*80.0-120*		*09/01/2022 16:29*	WG1919989
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*09/01/2022 16:29*	WG1919989
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*		*09/01/2022 16:29*	WG1919989

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	2600		15.0	50.0	1	09/15/2022 01:05	WG1920771

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	326000		8450	20000	1	09/07/2022 18:43	WG1921587

Sample Narrative:
L1530198-14 WG1921587: 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	1890	T8	15.0	50.0	1	09/15/2022 01:05	WG1922158

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	09/02/2022 16:40	WG1920505

Sample Narrative:
L1530198-14 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	116000	T8	20000	1	09/07/2022 18:43	WG1921587

Sample Narrative:
L1530198-14 WG1921587: 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	09/15/2022 22:25	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2420000		37900	100000	100	09/07/2022 23:48	WG1922509
Sulfate	267000		5940	50000	10	08/31/2022 17:34	WG1918659

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)	29600	B	510	5000	5	09/09/2022 08:17	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4490		18.0	100	1	09/05/2022 15:49	WG1920771
Manganese	70.9		0.934	10.0	1	09/05/2022 15:49	WG1920771

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1500000		2520	15000	5	09/06/2022 11:38	WG1920771

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2380		29.1	100	10	09/05/2022 10:50	WG1921442
Ethane	286		4.07	13.0	1	09/04/2022 15:29	WG1921358
Ethene	134		4.26	13.0	1	09/04/2022 15:29	WG1921358

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	09/01/2022 16:49	WG1919989
Benzene	10.5		0.0941	1.00	1	09/01/2022 16:49	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 16:49	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 16:49	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 16:49	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 16:49	WG1919989
Carbon disulfide	2.59		0.0962	1.00	1	09/01/2022 16:49	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 16:49	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 16:49	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 16:49	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 16:49	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 16:49	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 16:49	WG1919989
Cyclohexane	0.736	J	0.188	1.00	1	09/01/2022 16:49	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 16:49	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 16:49	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 16:49	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 16:49	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 16:49	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 16:49	WG1919989
1,1-Dichloroethane	0.322	J	0.100	1.00	1	09/01/2022 16:49	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 16:49	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 16:49	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 16:49	WG1919989
trans-1,2-Dichloroethene	11.8		0.149	1.00	1	09/01/2022 16:49	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 16:49	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 16:49	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 16:49	WG1919989
Ethylbenzene	7.55		0.137	1.00	1	09/01/2022 16:49	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 16:49	WG1919989
Isopropylbenzene	0.866	J	0.105	1.00	1	09/01/2022 16:49	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 16:49	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 16:49	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 16:49	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 16:49	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 16:49	WG1919989
Methyl tert-butyl ether	186		0.101	1.00	1	09/01/2022 16:49	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 16:49	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 16:49	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 16:49	WG1919989
Toluene	0.869	J	0.278	1.00	1	09/01/2022 16:49	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 16:49	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 16:49	WG1919989

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	09/01/2022 16:49	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 16:49	WG1919989
Trichloroethene	0.283	J	0.190	1.00	1	09/01/2022 16:49	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 16:49	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 16:49	WG1919989
Vinyl chloride	0.909	J	0.234	1.00	1	09/01/2022 16:49	WG1919989
Xylenes, Total	13.7		0.174	3.00	1	09/01/2022 16:49	WG1919989
(S) Toluene-d8	*109*			*80.0-120*		*09/01/2022 16:49*	WG1919989
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*09/01/2022 16:49*	WG1919989
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*09/01/2022 16:49*	WG1919989

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	13.4	J	11.3	50.0	1	09/01/2022 17:09	WG1919989
Benzene	54.3		0.0941	1.00	1	09/01/2022 17:09	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 17:09	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 17:09	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 17:09	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 17:09	WG1919989
Carbon disulfide	1.76		0.0962	1.00	1	09/01/2022 17:09	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 17:09	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 17:09	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 17:09	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 17:09	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 17:09	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 17:09	WG1919989
Cyclohexane	1.81		0.188	1.00	1	09/01/2022 17:09	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 17:09	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 17:09	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 17:09	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 17:09	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 17:09	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 17:09	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 17:09	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 17:09	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 17:09	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 17:09	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 17:09	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 17:09	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 17:09	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 17:09	WG1919989
Ethylbenzene	0.537	J	0.137	1.00	1	09/01/2022 17:09	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 17:09	WG1919989
Isopropylbenzene	2.08		0.105	1.00	1	09/01/2022 17:09	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 17:09	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 17:09	WG1919989
Methyl Cyclohexane	1.61		0.660	1.00	1	09/01/2022 17:09	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 17:09	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 17:09	WG1919989
Methyl tert-butyl ether	86.8		0.101	1.00	1	09/01/2022 17:09	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 17:09	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 17:09	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 17:09	WG1919989
Toluene	1.40		0.278	1.00	1	09/01/2022 17:09	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 17:09	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 17:09	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 17:09	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 17:09	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 17:09	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 17:09	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 17:09	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 17:09	WG1919989
Xylenes, Total	2.60	J	0.174	3.00	1	09/01/2022 17:09	WG1919989
(S) Toluene-d8	*106*			*80.0-120*		*09/01/2022 17:09*	WG1919989
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*09/01/2022 17:09*	WG1919989
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*09/01/2022 17:09*	WG1919989

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	758		18.0	100	1	09/15/2022 01:05	WG1920771

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	392000		8450	20000	1	09/07/2022 18:47	WG1921587

Sample Narrative:
L1530198-16 WG1921587: 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	7050	T8	300	1000	20	09/15/2022 01:05	WG1922158

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	09/02/2022 16:45	WG1920505

Sample Narrative:
L1530198-16 WG1920505: Dilution due to sulfide interference.

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Free Carbon Dioxide	124000	T8	20000	1	09/07/2022 18:47	WG1921587

Sample Narrative:
L1530198-16 WG1921587: 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	09/15/2022 22:25	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2660000		37900	100000	100	09/05/2022 00:24	WG1921424
Sulfate	160000		5940	50000	10	08/31/2022 17:48	WG1918659

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)	U		102	1000	1	09/09/2022 08:32	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7810		18.0	100	1	09/05/2022 15:52	WG1920771
Manganese	80.6		0.934	10.0	1	09/05/2022 15:52	WG1920771

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sodium	1460000		2520	15000	5	09/06/2022 11:40	WG1920771

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	5530		2.91	10.0	1	09/04/2022 15:50	WG1921358
Ethane	242		4.07	13.0	1	09/04/2022 15:50	WG1921358
Ethene	91.2		4.26	13.0	1	09/04/2022 15:50	WG1921358

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	09/01/2022 17:28	WG1919989
Benzene	9.61		0.0941	1.00	1	09/01/2022 17:28	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 17:28	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 17:28	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 17:28	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 17:28	WG1919989
Carbon disulfide	2.64		0.0962	1.00	1	09/01/2022 17:28	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 17:28	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 17:28	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 17:28	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 17:28	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 17:28	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 17:28	WG1919989
Cyclohexane	0.785	J	0.188	1.00	1	09/01/2022 17:28	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 17:28	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 17:28	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 17:28	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 17:28	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 17:28	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 17:28	WG1919989
1,1-Dichloroethane	0.302	J	0.100	1.00	1	09/01/2022 17:28	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 17:28	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 17:28	WG1919989
cis-1,2-Dichloroethene	0.192	J	0.126	1.00	1	09/01/2022 17:28	WG1919989
trans-1,2-Dichloroethene	9.85		0.149	1.00	1	09/01/2022 17:28	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 17:28	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 17:28	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 17:28	WG1919989
Ethylbenzene	7.22		0.137	1.00	1	09/01/2022 17:28	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 17:28	WG1919989
Isopropylbenzene	0.795	J	0.105	1.00	1	09/01/2022 17:28	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 17:28	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 17:28	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 17:28	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 17:28	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 17:28	WG1919989
Methyl tert-butyl ether	182		0.101	1.00	1	09/01/2022 17:28	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 17:28	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 17:28	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 17:28	WG1919989
Toluene	0.860	J	0.278	1.00	1	09/01/2022 17:28	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 17:28	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 17:28	WG1919989

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	09/01/2022 17:28	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 17:28	WG1919989
Trichloroethene	0.202	J	0.190	1.00	1	09/01/2022 17:28	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 17:28	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 17:28	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 17:28	WG1919989
Xylenes, Total	13.8		0.174	3.00	1	09/01/2022 17:28	WG1919989
(S) Toluene-d8	*111*			*80.0-120*		*09/01/2022 17:28*	WG1919989
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*09/01/2022 17:28*	WG1919989
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*09/01/2022 17:28*	WG1919989

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/15/2022 01:06	WG1920771

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	U		8450	20000	1	09/07/2022 18:49	WG1921587

Sample Narrative:
L1530198-17 WG1921587: 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	51.0	T8	15.0	50.0	1	09/15/2022 01:06	WG1922158

Wet Chemistry by Method 353.2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2022 16:46	WG1920505

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	T8	20000	1	09/07/2022 18:49	WG1921587

Sample Narrative:
L1530198-17 WG1921587: 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	Q	25.0	50.0	1	09/15/2022 22:25	WG1926819

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		379	1000	1	08/31/2022 18:02	WG1918659
Sulfate	U		594	5000	1	08/31/2022 18:02	WG1918659

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)	465	B J	102	1000	1	09/09/2022 08:48	WG1922335

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	U		18.0	100	1	09/05/2022 16:00	WG1920771
Manganese	U		0.934	10.0	1	09/05/2022 16:00	WG1920771
Sodium	U		504	3000	1	09/05/2022 16:00	WG1920771

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	12.8		2.91	10.0	1	09/04/2022 15:56	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:56	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:56	WG1921358

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	09/01/2022 11:54	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 11:54	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 11:54	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 11:54	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 11:54	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 11:54	WG1919989
Carbon disulfide	U		0.0962	1.00	1	09/01/2022 11:54	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 11:54	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 11:54	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 11:54	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 11:54	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 11:54	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 11:54	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 11:54	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 11:54	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 11:54	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 11:54	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 11:54	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 11:54	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 11:54	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 11:54	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 11:54	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 11:54	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 11:54	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 11:54	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 11:54	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 11:54	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 11:54	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 11:54	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 11:54	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 11:54	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 11:54	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 11:54	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 11:54	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 11:54	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 11:54	WG1919989
Methyl tert-butyl ether	U		0.101	1.00	1	09/01/2022 11:54	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 11:54	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 11:54	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 11:54	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 11:54	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 11:54	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 11:54	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 11:54	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 11:54	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 11:54	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 11:54	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 11:54	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 11:54	WG1919989

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	09/01/2022 11:54	WG1919989
(S) Toluene-d8	*121*	J1		*80.0-120*		*09/01/2022 11:54*	WG1919989
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*09/01/2022 11:54*	WG1919989
(S) 1,2-Dichloroethane-d4	*96.5*			*70.0-130*		*09/01/2022 11:54*	WG1919989

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	09/15/2022 01:06	WG1920771

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	09/07/2022 18:54	WG1921587

Sample Narrative:
L1530198-18 WG1921587: 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	09/15/2022 01:06	WG1922158

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	09/02/2022 16:47	WG1920505

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	09/07/2022 18:54	WG1921587

Sample Narrative:
L1530198-18 WG1921587: 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	09/15/2022 22:26	WG1926819

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	08/31/2022 19:25	WG1918659
Sulfate	U		594	5000	1	08/31/2022 19:25	WG1918659

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)	645	B J	102	1000	1	09/08/2022 19:39	WG1922344

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	09/05/2022 16:03	WG1920771
Manganese	U		0.934	10.0	1	09/05/2022 16:03	WG1920771
Sodium	612	J	504	3000	1	09/05/2022 16:03	WG1920771

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	09/04/2022 15:58	WG1921358
Ethane	U		4.07	13.0	1	09/04/2022 15:58	WG1921358
Ethene	U		4.26	13.0	1	09/04/2022 15:58	WG1921358

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	09/01/2022 12:14	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 12:14	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 12:14	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 12:14	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 12:14	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 12:14	WG1919989
Carbon disulfide	U		0.0962	1.00	1	09/01/2022 12:14	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 12:14	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 12:14	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 12:14	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 12:14	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 12:14	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 12:14	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 12:14	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 12:14	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 12:14	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 12:14	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 12:14	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 12:14	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 12:14	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 12:14	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 12:14	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 12:14	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 12:14	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 12:14	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 12:14	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 12:14	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 12:14	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 12:14	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 12:14	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 12:14	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 12:14	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 12:14	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 12:14	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 12:14	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 12:14	WG1919989
Methyl tert-butyl ether	U		0.101	1.00	1	09/01/2022 12:14	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 12:14	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 12:14	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 12:14	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 12:14	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 12:14	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 12:14	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 12:14	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 12:14	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 12:14	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 12:14	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 12:14	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 12:14	WG1919989

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	09/01/2022 12:14	WG1919989
(S) Toluene-d8	*114*			*80.0-120*		*09/01/2022 12:14*	WG1919989
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*09/01/2022 12:14*	WG1919989
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*09/01/2022 12:14*	WG1919989

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	09/01/2022 12:33	WG1919989
Benzene	U		0.0941	1.00	1	09/01/2022 12:33	WG1919989
Bromochloromethane	U	J4	0.128	1.00	1	09/01/2022 12:33	WG1919989
Bromodichloromethane	U		0.136	1.00	1	09/01/2022 12:33	WG1919989
Bromoform	U		0.129	1.00	1	09/01/2022 12:33	WG1919989
Bromomethane	U	C3	0.605	5.00	1	09/01/2022 12:33	WG1919989
Carbon disulfide	U		0.0962	1.00	1	09/01/2022 12:33	WG1919989
Carbon tetrachloride	U		0.128	1.00	1	09/01/2022 12:33	WG1919989
Chlorobenzene	U		0.116	1.00	1	09/01/2022 12:33	WG1919989
Chlorodibromomethane	U		0.140	1.00	1	09/01/2022 12:33	WG1919989
Chloroethane	U		0.192	5.00	1	09/01/2022 12:33	WG1919989
Chloroform	U		0.111	5.00	1	09/01/2022 12:33	WG1919989
Chloromethane	U		0.960	2.50	1	09/01/2022 12:33	WG1919989
Cyclohexane	U		0.188	1.00	1	09/01/2022 12:33	WG1919989
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/01/2022 12:33	WG1919989
1,2-Dibromoethane	U		0.126	1.00	1	09/01/2022 12:33	WG1919989
1,2-Dichlorobenzene	U		0.107	1.00	1	09/01/2022 12:33	WG1919989
1,3-Dichlorobenzene	U		0.110	1.00	1	09/01/2022 12:33	WG1919989
1,4-Dichlorobenzene	U		0.120	1.00	1	09/01/2022 12:33	WG1919989
Dichlorodifluoromethane	U		0.374	5.00	1	09/01/2022 12:33	WG1919989
1,1-Dichloroethane	U		0.100	1.00	1	09/01/2022 12:33	WG1919989
1,2-Dichloroethane	U		0.0819	1.00	1	09/01/2022 12:33	WG1919989
1,1-Dichloroethene	U		0.188	1.00	1	09/01/2022 12:33	WG1919989
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/01/2022 12:33	WG1919989
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/01/2022 12:33	WG1919989
1,2-Dichloropropane	U		0.149	1.00	1	09/01/2022 12:33	WG1919989
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/01/2022 12:33	WG1919989
trans-1,3-Dichloropropene	U	J4	0.118	1.00	1	09/01/2022 12:33	WG1919989
Ethylbenzene	U		0.137	1.00	1	09/01/2022 12:33	WG1919989
2-Hexanone	U	C3 J4	0.787	10.0	1	09/01/2022 12:33	WG1919989
Isopropylbenzene	U		0.105	1.00	1	09/01/2022 12:33	WG1919989
2-Butanone (MEK)	U		1.19	10.0	1	09/01/2022 12:33	WG1919989
Methyl Acetate	U		1.29	20.0	1	09/01/2022 12:33	WG1919989
Methyl Cyclohexane	U		0.660	1.00	1	09/01/2022 12:33	WG1919989
Methylene Chloride	U		0.430	5.00	1	09/01/2022 12:33	WG1919989
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/01/2022 12:33	WG1919989
Methyl tert-butyl ether	U		0.101	1.00	1	09/01/2022 12:33	WG1919989
Styrene	U	C3 J4	0.118	1.00	1	09/01/2022 12:33	WG1919989
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/01/2022 12:33	WG1919989
Tetrachloroethene	U		0.300	1.00	1	09/01/2022 12:33	WG1919989
Toluene	U		0.278	1.00	1	09/01/2022 12:33	WG1919989
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/01/2022 12:33	WG1919989
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/01/2022 12:33	WG1919989
1,1,1-Trichloroethane	U		0.149	1.00	1	09/01/2022 12:33	WG1919989
1,1,2-Trichloroethane	U		0.158	1.00	1	09/01/2022 12:33	WG1919989
Trichloroethene	U		0.190	1.00	1	09/01/2022 12:33	WG1919989
Trichlorofluoromethane	U		0.160	5.00	1	09/01/2022 12:33	WG1919989
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/01/2022 12:33	WG1919989
Vinyl chloride	U		0.234	1.00	1	09/01/2022 12:33	WG1919989
Xylenes, Total	U		0.174	3.00	1	09/01/2022 12:33	WG1919989
(S) Toluene-d8	*120*			*80.0-120*		*09/01/2022 12:33*	WG1919989
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*09/01/2022 12:33*	WG1919989
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*09/01/2022 12:33*	WG1919989

Method Blank (MB)

(MB) R3835679-2 09/07/22 17:04

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

L1529886-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1529886-01 09/07/22 17:13 • (DUP) R3835679-4 09/07/22 17:16

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	477000	476000	1	0.140		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1530198-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-18 09/07/22 18:54 • (DUP) R3835679-6 09/07/22 19:01

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

Laboratory Control Sample (LCS)

(LCS) R3835679-1 09/07/22 16:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	106000	106	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3835702-1 09/09/22 18:59

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

L1529557-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1529557-07 09/09/22 19:02 • (DUP) R3835702-3 09/09/22 19:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	1660	1700	1	1.97		20

L1529968-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1529968-01 09/09/22 19:36 • (DUP) R3835702-6 09/09/22 19:37

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

Laboratory Control Sample (LCS)

(LCS) R3835702-2 09/09/22 19:00

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

L1529966-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1529966-01 09/09/22 19:15 • (MS) R3835702-4 09/09/22 19:17 • (MSD) R3835702-5 09/09/22 19:17

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ferrous Iron	1000	2140	2910	2880	77.2	74.1	1	80.0-120	J6	J6	1.07	20

QUALITY CONTROL SUMMARY

L1530198-07,08,09,10,11,12,13,14,16,17,18

Method Blank (MB)

(MB) R3837357-1 09/15/22 01:00

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

L1530198-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-17 09/15/22 01:06 • (DUP) R3837357-3 09/15/22 01:06

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	51.0	49.0	1	4.00	J	20

L1530885-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1530885-05 09/15/22 01:08 • (DUP) R3837357-4 09/15/22 01:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	39.0	34.0	1	13.7	J	20

Laboratory Control Sample (LCS)

(LCS) R3837357-2 09/15/22 01:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	1010	101	85.0-115	

L1530885-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530885-10 09/15/22 01:10 • (MS) R3837357-5 09/15/22 01:11 • (MSD) R3837357-6 09/15/22 01:11

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	53.0	973	963	92.0	91.0	1	80.0-120			1.03	20

Method Blank (MB)

(MB) R3833494-1 09/02/22 16:13

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

L1530198-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-01 09/02/22 16:15 • (DUP) R3833494-3 09/02/22 16:17

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

L1530198-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-18 09/02/22 16:47 • (DUP) R3833494-6 09/02/22 16:49

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) R3833494-2 09/02/22 16:14

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Nitrate-Nitrite	2500	2520	101	90.0-110	

L1530198-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530198-01 09/02/22 16:15 • (MS) R3833494-4 09/02/22 16:18 • (MSD) R3833494-5 09/02/22 16:19

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	2490	2460	99.6	98.4	1	90.0-110			1.21	20

L1530198-18 Original Sample (OS) • Matrix Spike (MS)

(OS) L1530198-18 09/02/22 16:47 • (MS) R3833494-7 09/02/22 16:50

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Nitrate-Nitrite	2500	U	2340	93.6	1	90.0-110	

Method Blank (MB)

(MB) R3835679-3 09/07/22 17:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	10200	J	6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1529886-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1529886-01 09/07/22 17:13 • (DUP) R3835679-5 09/07/22 17:16

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	21900	ND	1	9.38		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1530198-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-18 09/07/22 18:54 • (DUP) R3835679-7 09/07/22 19:01

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

Method Blank (MB)

(MB) R3837825-1 09/15/22 22:13

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

L1530198-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-01 09/15/22 22:14 • (DUP) R3837825-3 09/15/22 22:14

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

L1530198-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-17 09/15/22 22:25 • (DUP) R3837825-6 09/15/22 22:25

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) R3837825-2 09/15/22 22:13

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	468	93.6	85.0-115	

L1530198-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530198-10 09/15/22 22:17 • (MS) R3837825-4 09/15/22 22:18 • (MSD) R3837825-5 09/15/22 22:18

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	458	437	91.6	87.4	1	80.0-120			4.69	20

Method Blank (MB)

(MB) R3832808-1 08/31/22 12:46

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

L1530198-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-17 08/31/22 18:02 • (DUP) R3832808-3 08/31/22 18:43

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

L1530198-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-18 08/31/22 19:25 • (DUP) R3832808-6 08/31/22 19:38

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

Laboratory Control Sample (LCS)

(LCS) R3832808-2 08/31/22 13:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40600	102	80.0-120	
Sulfate	40000	41700	104	80.0-120	

L1530198-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530198-17 08/31/22 18:02 • (MS) R3832808-4 08/31/22 18:57 • (MSD) R3832808-5 08/31/22 19:11

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	U	54100	51900	108	104	1	80.0-120			4.33	15
Sulfate	50000	U	55500	52800	111	106	1	80.0-120			5.04	15

L1530198-18 Original Sample (OS) • Matrix Spike (MS)

(OS) L1530198-18 08/31/22 19:25 • (MS) R3832808-7 08/31/22 19:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	U	52500	105	1	80.0-120	
Sulfate	50000	U	53700	107	1	80.0-120	

Method Blank (MB)

(MB) R3833808-1 09/03/22 10:27

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

L1532334-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1532334-01 09/03/22 13:15 • (DUP) R3833808-8 09/03/22 15:01

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	278000	281000	1	0.850	E	15

L1532325-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1532325-01 09/03/22 18:51 • (DUP) R3833808-11 09/03/22 19:04

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	224000	226000	1	0.625	E	15

Laboratory Control Sample (LCS)

(LCS) R3833808-2 09/03/22 10:41

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

L1532334-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1532334-01 09/03/22 13:15 • (MS) R3833808-9 09/03/22 15:15 • (MSD) R3833808-10 09/03/22 15:28

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	278000	315000	314000	73.4	72.2	1	80.0-120	E V	E V	0.188	15

L1532325-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1532325-01 09/03/22 18:51 • (MS) R3833808-12 09/03/22 19:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	224000	264000	78.8	1	80.0-120	E V

Method Blank (MB)

(MB) R3833711-1 09/03/22 10:31

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

L1532354-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1532354-03 09/03/22 17:12 • (DUP) R3833711-3 09/03/22 17:27

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	132000	133000	1	1.07		15

L1532356-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1532356-09 09/03/22 22:25 • (DUP) R3833711-6 09/03/22 22:40

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	25800	26100	1	1.20		15

Laboratory Control Sample (LCS)

(LCS) R3833711-2 09/03/22 10:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	39300	98.2	80.0-120	

L1532354-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1532354-03 09/03/22 17:12 • (MS) R3833711-4 09/03/22 17:42 • (MSD) R3833711-5 09/03/22 18:27

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	132000	171000	174000	79.3	85.3	1	80.0-120	J6		1.74	15

L1532356-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1532356-09 09/03/22 22:25 • (MS) R3833711-7 09/03/22 22:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	25800	74500	97.4	1	80.0-120	

Method Blank (MB)

(MB) R3833938-1 09/04/22 21:25

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

L1531492-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1531492-01 09/05/22 02:03 • (DUP) R3833938-3 09/05/22 02:16

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	42300	42200	1	0.121		15

L1532518-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1532518-10 09/05/22 05:35 • (DUP) R3833938-6 09/05/22 05:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	31200	31200	1	0.0247		15

Laboratory Control Sample (LCS)

(LCS) R3833938-2 09/04/22 21:37

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

L1531492-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1531492-01 09/05/22 02:03 • (MS) R3833938-4 09/05/22 02:28 • (MSD) R3833938-5 09/05/22 02:41

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	42300	93800	94600	103	105	1	80.0-120			0.882	15

L1532518-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1532518-10 09/05/22 05:35 • (MS) R3833938-7 09/05/22 06:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	31200	81900	101	1	80.0-120	

Method Blank (MB)

(MB) R3835025-1 09/07/22 23:22

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

L1531228-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1531228-07 09/08/22 00:02 • (DUP) R3835025-3 09/08/22 00:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	390000	389000	1	0.414	E	15

L1532706-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1532706-01 09/08/22 04:43 • (DUP) R3835025-6 09/08/22 04:56

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	95900	97300	1	1.47		15

Laboratory Control Sample (LCS)

(LCS) R3835025-2 09/07/22 23:35

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

L1531228-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1531228-07 09/08/22 00:02 • (MS) R3835025-4 09/08/22 00:29 • (MSD) R3835025-5 09/08/22 00:42

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	390000	421000	433000	62.1	85.2	1	80.0-120	E V	E	2.71	15

L1532706-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1532706-01 09/08/22 04:43 • (MS) R3835025-7 09/08/22 05:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	95900	145000	97.3	1	80.0-120	

QUALITY CONTROL SUMMARY

L1530198-03,04,05,06,09,11,13,14,16,17

Method Blank (MB)

(MB) R3835381-2 09/09/22 00:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	792	J	102	1000

L1529485-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1529485-03 09/09/22 02:13 • (DUP) R3835381-5 09/09/22 02:30

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	15000	14900	1	0.401		20

L1529533-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1529533-02 09/09/22 03:02 • (DUP) R3835381-6 09/09/22 03:55

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	539	558	1	3.45	J	20

Laboratory Control Sample (LCS)

(LCS) R3835381-1 09/09/22 00:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC	75000	73800	98.4	85.0-115	

L1527328-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1527328-05 09/09/22 00:36 • (MS) R3835381-3 09/09/22 00:58 • (MSD) R3835381-4 09/09/22 01:19

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	50000	1740	57000	57800	111	112	1	80.0-120			1.41	20

L1530198-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530198-17 09/09/22 08:48 • (MS) R3835381-7 09/09/22 09:08 • (MSD) R3835381-8 09/09/22 09:28

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	50000	465	56300	57400	112	114	1	80.0-120			1.79	20

QUALITY CONTROL SUMMARY

L1530198-01,02,07,08,10,12,18

Method Blank (MB)

(MB) R3835380-2 09/08/22 11:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	279	J	102	1000

L1529553-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1529553-05 09/08/22 12:43 • (DUP) R3835380-3 09/08/22 13:00

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	6080	6000	1	1.34		20

L1529557-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1529557-03 09/08/22 13:33 • (DUP) R3835380-4 09/08/22 13:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1730	1830	1	5.45		20

Laboratory Control Sample (LCS)

(LCS) R3835380-1 09/08/22 11:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	72300	96.4	85.0-115	

L1530198-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530198-18 09/08/22 19:39 • (MS) R3835380-5 09/08/22 20:00 • (MSD) R3835380-6 09/08/22 20:20

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	645	57000	57100	113	113	1	80.0-120			0.246	20

L1530205-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530205-01 09/08/22 20:43 • (MS) R3835380-7 09/08/22 21:06 • (MSD) R3835380-8 09/08/22 21:28

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	26200	80800	82500	109	112	1	80.0-120			2.03	20

Method Blank (MB)

(MB) R3833660-1 09/02/22 16:44

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) R3833660-2 09/02/22 16:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	10100	101	80.0-120	
Manganese	1000	940	94.0	80.0-120	
Sodium	10000	10000	100	80.0-120	

L1530965-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530965-02 09/02/22 16:50 • (MS) R3833660-4 09/02/22 16:55 • (MSD) R3833660-5 09/02/22 16:58

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	30.3	10100	10100	101	101	1	75.0-125			0.306	20
Manganese	1000	991	1900	1910	91.3	92.1	1	75.0-125			0.407	20
Sodium	10000	608000	607000	606000	0.000	0.000	1	75.0-125	V	V	0.255	20

Method Blank (MB)

(MB) R3833875-1 09/05/22 15:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	23.4	J	18.0	100
Manganese	U		0.934	10.0
Sodium	U		504	3000

Laboratory Control Sample (LCS)

(LCS) R3833875-2 09/05/22 15:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	10000	100	80.0-120	
Manganese	1000	911	91.1	80.0-120	
Sodium	10000	9860	98.6	80.0-120	

L1530276-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1530276-01 09/05/22 15:33 • (MS) R3833875-4 09/05/22 15:38 • (MSD) R3833875-5 09/05/22 15:41

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	363	9950	10000	95.8	96.5	1	75.0-125			0.681	20
Manganese	1000	89.7	971	977	88.1	88.8	1	75.0-125			0.649	20
Sodium	10000	154000	160000	160000	54.9	58.9	1	75.0-125	V	V	0.252	20

Method Blank (MB)

(MB) R3833344-2 09/02/22 09:46

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

L1529966-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1529966-06 09/02/22 11:25 • (DUP) R3833344-3 09/02/22 11:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	76.6	74.3	1	3.05		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1530198-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-09 09/02/22 12:46 • (DUP) R3833344-4 09/02/22 12:55

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	418	438	1	4.67		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) R3833344-1 09/02/22 09:43 • (LCSD) R3833344-7 09/02/22 13:22

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	69.7	67.0	103	98.8	85.0-115			3.95	20
Ethane	129	120	116	93.0	89.9	85.0-115			3.39	20
Ethene	127	122	117	96.1	92.1	85.0-115			4.18	20

L1529963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1529963-01 09/02/22 10:30 • (MS) R3833344-5 09/02/22 13:04 • (MSD) R3833344-6 09/02/22 13:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	29.9	98.4	99.5	101	103	1	50.0-150			1.11	20
Ethane	129	U	123	129	95.3	100	1	50.0-150			4.76	20
Ethene	127	U	123	129	96.9	102	1	50.0-150			4.76	20

Method Blank (MB)

(MB) R3833725-2 09/04/22 14:57

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

L1530198-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1530198-07 09/04/22 15:07 • (DUP) R3833725-3 09/04/22 15:53

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	23.5	24.8	1	5.38		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1530843-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1530843-08 09/04/22 16:19 • (DUP) R3833725-4 09/04/22 16:21

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

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

(LCS) R3833725-1 09/04/22 14:54 • (LCSD) R3833725-5 09/04/22 16:23

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	71.7	66.6	106	98.2	85.0-115			7.38	20
Ethane	129	117	117	90.7	90.7	85.0-115			0.000	20
Ethene	127	118	119	92.9	93.7	85.0-115			0.844	20

Method Blank (MB)

(MB) R3833800-2 09/05/22 10:45

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

L1532447-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1532447-08 09/05/22 11:17 • (DUP) R3833800-3 09/05/22 11:19

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

L1532447-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1532447-18 09/05/22 12:07 • (DUP) R3833800-4 09/05/22 12:10

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

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

(LCS) R3833800-1 09/05/22 10:43 • (LCSD) R3833800-5 09/05/22 12:12

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	69.5	68.9	103	102	85.0-115			0.867	20

Method Blank (MB)

(MB) R3833051-3 09/01/22 09:37

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) R3833051-3 09/01/22 09:37

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	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*

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

(LCS) R3833051-1 09/01/22 08:38 • (LCSD) R3833051-2 09/01/22 08:58

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	22.3	21.8	89.2	87.2	19.0-160			2.27	27
Benzene	5.00	5.15	4.98	103	99.6	70.0-123			3.36	20
Bromochloromethane	5.00	5.77	6.33	115	127	76.0-122		J4	9.26	20
Bromodichloromethane	5.00	5.33	5.63	107	113	75.0-120			5.47	20
Bromoform	5.00	4.16	3.99	83.2	79.8	68.0-132			4.17	20
Bromomethane	5.00	3.98	3.90	79.6	78.0	10.0-160			2.03	25
Carbon disulfide	5.00	4.68	4.85	93.6	97.0	61.0-128			3.57	20
Carbon tetrachloride	5.00	4.96	5.12	99.2	102	68.0-126			3.17	20
Chlorobenzene	5.00	4.79	4.93	95.8	98.6	80.0-121			2.88	20
Chlorodibromomethane	5.00	4.79	4.73	95.8	94.6	77.0-125			1.26	20
Chloroethane	5.00	4.37	4.78	87.4	95.6	47.0-150			8.96	20
Chloroform	5.00	5.41	5.54	108	111	73.0-120			2.37	20
Chloromethane	5.00	4.17	4.19	83.4	83.8	41.0-142			0.478	20
Cyclohexane	5.00	4.55	4.32	91.0	86.4	71.0-124			5.19	20
1,2-Dibromo-3-Chloropropane	5.00	4.34	4.32	86.8	86.4	58.0-134			0.462	20
1,2-Dibromoethane	5.00	4.48	4.35	89.6	87.0	80.0-122			2.94	20
1,2-Dichlorobenzene	5.00	4.63	4.61	92.6	92.2	79.0-121			0.433	20
1,3-Dichlorobenzene	5.00	4.45	4.36	89.0	87.2	79.0-120			2.04	20
1,4-Dichlorobenzene	5.00	4.29	3.98	85.8	79.6	79.0-120			7.50	20
Dichlorodifluoromethane	5.00	4.46	4.48	89.2	89.6	51.0-149			0.447	20

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

(LCS) R3833051-1 09/01/22 08:38 • (LCSD) R3833051-2 09/01/22 08:58

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	4.92	4.79	98.4	95.8	70.0-126			2.68	20
1,2-Dichloroethane	5.00	4.86	4.62	97.2	92.4	70.0-128			5.06	20
1,1-Dichloroethene	5.00	4.66	4.65	93.2	93.0	71.0-124			0.215	20
cis-1,2-Dichloroethene	5.00	5.47	5.11	109	102	73.0-120			6.81	20
trans-1,2-Dichloroethene	5.00	5.26	5.43	105	109	73.0-120			3.18	20
1,2-Dichloropropane	5.00	4.42	4.69	88.4	93.8	77.0-125			5.93	20
cis-1,3-Dichloropropene	5.00	4.27	4.24	85.4	84.8	80.0-123			0.705	20
trans-1,3-Dichloropropene	5.00	4.30	3.75	86.0	75.0	78.0-124		J4	13.7	20
Ethylbenzene	5.00	4.60	4.64	92.0	92.8	79.0-123			0.866	20
2-Hexanone	25.0	17.8	16.2	71.2	64.8	67.0-149		J4	9.41	20
Isopropylbenzene	5.00	4.65	4.48	93.0	89.6	76.0-127			3.72	20
2-Butanone (MEK)	25.0	20.4	19.9	81.6	79.6	44.0-160			2.48	20
Methyl Acetate	25.0	23.7	21.5	94.8	86.0	57.0-148			9.73	20
Methyl Cyclohexane	5.00	4.14	4.46	82.8	89.2	68.0-126			7.44	20
Methylene Chloride	5.00	5.62	5.42	112	108	67.0-120			3.62	20
4-Methyl-2-pentanone (MIBK)	25.0	20.1	19.5	80.4	78.0	68.0-142			3.03	20
Methyl tert-butyl ether	5.00	5.07	4.95	101	99.0	68.0-125			2.40	20
Styrene	5.00	3.66	3.62	73.2	72.4	73.0-130		J4	1.10	20
1,1,2,2-Tetrachloroethane	5.00	4.73	4.64	94.6	92.8	65.0-130			1.92	20
Tetrachloroethene	5.00	4.94	4.86	98.8	97.2	72.0-132			1.63	20
Toluene	5.00	4.69	4.89	93.8	97.8	79.0-120			4.18	20
1,2,3-Trichlorobenzene	5.00	4.70	4.58	94.0	91.6	50.0-138			2.59	20
1,2,4-Trichlorobenzene	5.00	4.04	4.67	80.8	93.4	57.0-137			14.5	20
1,1,1-Trichloroethane	5.00	5.49	5.33	110	107	73.0-124			2.96	20
1,1,2-Trichloroethane	5.00	5.04	5.26	101	105	80.0-120			4.27	20
Trichloroethene	5.00	5.45	5.73	109	115	78.0-124			5.01	20
Trichlorofluoromethane	5.00	4.57	4.49	91.4	89.8	59.0-147			1.77	20
1,1,2-Trichlorotrifluoroethane	5.00	4.80	4.86	96.0	97.2	69.0-132			1.24	20
Vinyl chloride	5.00	4.91	4.82	98.2	96.4	67.0-131			1.85	20
Xylenes, Total	15.0	13.2	13.0	88.0	86.7	79.0-123			1.53	20
(S) Toluene-d8				*101*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*104*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R3834446-2 09/06/22 12:44

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) R3834446-2 09/06/22 12:44

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	0.367	J	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	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*113*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*85.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3834446-1 09/06/22 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	24.5	98.0	19.0-160	
Benzene	5.00	5.60	112	70.0-123	
Bromochloromethane	5.00	6.34	127	76.0-122	J4
Bromodichloromethane	5.00	5.01	100	75.0-120	
Bromoform	5.00	5.91	118	68.0-132	
Bromomethane	5.00	2.73	54.6	10.0-160	
Carbon disulfide	5.00	5.48	110	61.0-128	
Carbon tetrachloride	5.00	5.14	103	68.0-126	
Chlorobenzene	5.00	5.96	119	80.0-121	
Chlorodibromomethane	5.00	5.02	100	77.0-125	
Chloroethane	5.00	5.11	102	47.0-150	
Chloroform	5.00	5.14	103	73.0-120	
Chloromethane	5.00	2.70	54.0	41.0-142	
Cyclohexane	5.00	5.94	119	71.0-124	
1,2-Dibromo-3-Chloropropane	5.00	3.50	70.0	58.0-134	
1,2-Dibromoethane	5.00	5.55	111	80.0-122	
1,2-Dichlorobenzene	5.00	4.73	94.6	79.0-121	
1,3-Dichlorobenzene	5.00	4.90	98.0	79.0-120	
1,4-Dichlorobenzene	5.00	4.81	96.2	79.0-120	
Dichlorodifluoromethane	5.00	5.33	107	51.0-149	

Laboratory Control Sample (LCS)

(LCS) R3834446-1 09/06/22 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1-Dichloroethane	5.00	5.02	100	70.0-126	
1,2-Dichloroethane	5.00	4.22	84.4	70.0-128	
1,1-Dichloroethene	5.00	6.10	122	71.0-124	
cis-1,2-Dichloroethene	5.00	5.63	113	73.0-120	
trans-1,2-Dichloroethene	5.00	5.82	116	73.0-120	
1,2-Dichloropropane	5.00	5.09	102	77.0-125	
cis-1,3-Dichloropropene	5.00	5.20	104	80.0-123	
trans-1,3-Dichloropropene	5.00	4.75	95.0	78.0-124	
Ethylbenzene	5.00	5.87	117	79.0-123	
2-Hexanone	25.0	25.0	100	67.0-149	
Isopropylbenzene	5.00	5.71	114	76.0-127	
2-Butanone (MEK)	25.0	23.9	95.6	44.0-160	
Methyl Acetate	25.0	24.4	97.6	57.0-148	
Methyl Cyclohexane	5.00	5.81	116	68.0-126	
Methylene Chloride	5.00	5.51	110	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	23.5	94.0	68.0-142	
Methyl tert-butyl ether	5.00	4.91	98.2	68.0-125	
Styrene	5.00	5.45	109	73.0-130	
1,1,2,2-Tetrachloroethane	5.00	4.03	80.6	65.0-130	
Tetrachloroethene	5.00	6.61	132	72.0-132	
Toluene	5.00	5.44	109	79.0-120	
1,2,3-Trichlorobenzene	5.00	2.78	55.6	50.0-138	
1,2,4-Trichlorobenzene	5.00	3.18	63.6	57.0-137	
1,1,1-Trichloroethane	5.00	5.13	103	73.0-124	
1,1,2-Trichloroethane	5.00	5.45	109	80.0-120	
Trichloroethene	5.00	6.39	128	78.0-124	J4
Trichlorofluoromethane	5.00	5.63	113	59.0-147	
1,1,2-Trichlorotrifluoroethane	5.00	5.98	120	69.0-132	
Vinyl chloride	5.00	5.28	106	67.0-131	
Xylenes, Total	15.0	16.8	112	79.0-123	
(S) Toluene-d8			*110*	*80.0-120*	
(S) 4-Bromofluorobenzene			*112*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*89.6*	*70.0-130*	

Method Blank (MB)

(MB) R3834292-3 09/06/22 14:56

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) R3834292-3 09/06/22 14:56

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	*97.1*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R3834292-1 09/06/22 12:42 • (LCSD) R3834292-2 09/06/22 13:02

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 %
Acetone	25.0	26.8	28.0	107	112	19.0-160			4.38	27
Benzene	5.00	5.28	5.25	106	105	70.0-123			0.570	20
Bromochloromethane	5.00	5.21	5.38	104	108	76.0-122			3.21	20
Bromodichloromethane	5.00	5.55	5.59	111	112	75.0-120			0.718	20
Bromoform	5.00	4.40	4.27	88.0	85.4	68.0-132			3.00	20
Bromomethane	5.00	6.07	6.10	121	122	10.0-160			0.493	25
Carbon disulfide	5.00	5.42	5.50	108	110	61.0-128			1.47	20
Carbon tetrachloride	5.00	6.58	6.54	132	131	68.0-126	J4	J4	0.610	20
Chlorobenzene	5.00	4.71	4.56	94.2	91.2	80.0-121			3.24	20
Chlorodibromomethane	5.00	4.60	4.40	92.0	88.0	77.0-125			4.44	20
Chloroethane	5.00	5.66	5.83	113	117	47.0-150			2.96	20
Chloroform	5.00	5.37	5.33	107	107	73.0-120			0.748	20
Chloromethane	5.00	4.87	4.46	97.4	89.2	41.0-142			8.79	20
Cyclohexane	5.00	5.93	6.02	119	120	71.0-124			1.51	20
1,2-Dibromo-3-Chloropropane	5.00	3.74	3.84	74.8	76.8	58.0-134			2.64	20
1,2-Dibromoethane	5.00	4.71	4.45	94.2	89.0	80.0-122			5.68	20
1,2-Dichlorobenzene	5.00	4.75	4.67	95.0	93.4	79.0-121			1.70	20
1,3-Dichlorobenzene	5.00	4.74	4.82	94.8	96.4	79.0-120			1.67	20
1,4-Dichlorobenzene	5.00	4.59	4.54	91.8	90.8	79.0-120			1.10	20
Dichlorodifluoromethane	5.00	7.17	7.41	143	148	51.0-149			3.29	20

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

(LCS) R3834292-1 09/06/22 12:42 • (LCSD) R3834292-2 09/06/22 13:02

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 %
1,1-Dichloroethane	5.00	5.00	4.90	100	98.0	70.0-126			2.02	20
1,2-Dichloroethane	5.00	5.12	5.19	102	104	70.0-128			1.36	20
1,1-Dichloroethene	5.00	5.87	5.95	117	119	71.0-124			1.35	20
cis-1,2-Dichloroethene	5.00	5.29	5.36	106	107	73.0-120			1.31	20
trans-1,2-Dichloroethene	5.00	5.25	5.46	105	109	73.0-120			3.92	20
1,2-Dichloropropane	5.00	5.11	4.90	102	98.0	77.0-125			4.20	20
cis-1,3-Dichloropropene	5.00	5.67	5.22	113	104	80.0-123			8.26	20
trans-1,3-Dichloropropene	5.00	5.11	4.88	102	97.6	78.0-124			4.60	20
Ethylbenzene	5.00	4.65	4.33	93.0	86.6	79.0-123			7.13	20
2-Hexanone	25.0	20.0	19.0	80.0	76.0	67.0-149			5.13	20
Isopropylbenzene	5.00	4.59	4.60	91.8	92.0	76.0-127			0.218	20
2-Butanone (MEK)	25.0	25.2	23.3	101	93.2	44.0-160			7.84	20
Methyl Acetate	25.0	24.7	24.9	98.8	99.6	57.0-148			0.806	20
Methyl Cyclohexane	5.00	6.58	6.26	132	125	68.0-126	J4		4.98	20
Methylene Chloride	5.00	5.71	5.41	114	108	67.0-120			5.40	20
4-Methyl-2-pentanone (MIBK)	25.0	20.4	19.0	81.6	76.0	68.0-142			7.11	20
Methyl tert-butyl ether	5.00	5.27	5.06	105	101	68.0-125			4.07	20
Styrene	5.00	4.16	4.14	83.2	82.8	73.0-130			0.482	20
1,1,2,2-Tetrachloroethane	5.00	4.57	4.76	91.4	95.2	65.0-130			4.07	20
Tetrachloroethene	5.00	5.73	5.73	115	115	72.0-132			0.000	20
Toluene	5.00	4.86	4.69	97.2	93.8	79.0-120			3.56	20
1,2,3-Trichlorobenzene	5.00	4.31	4.94	86.2	98.8	50.0-138			13.6	20
1,2,4-Trichlorobenzene	5.00	4.83	5.15	96.6	103	57.0-137			6.41	20
1,1,1-Trichloroethane	5.00	5.75	5.64	115	113	73.0-124			1.93	20
1,1,2-Trichloroethane	5.00	5.08	4.74	102	94.8	80.0-120			6.92	20
Trichloroethene	5.00	5.40	5.21	108	104	78.0-124			3.58	20
Trichlorofluoromethane	5.00	6.95	6.88	139	138	59.0-147			1.01	20
1,1,2-Trichlorotrifluoroethane	5.00	7.24	7.31	145	146	69.0-132	J4	J4	0.962	20
Vinyl chloride	5.00	6.36	6.64	127	133	67.0-131		J4	4.31	20
Xylenes, Total	15.0	13.9	13.5	92.7	90.0	79.0-123			2.92	20
(S) Toluene-d8				*94.9*	*95.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.3*	*92.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*102*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
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.
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	LAO000356
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.

B179

T|82105
P944899

Tracking Numbers	Temperature
5882 7552 7186	1.6
5882 7552 7164	3.4
5882 7552 7197	2.3
5882 7552 7153	4.9
5882 7552 7223	5.7
5882 7552 7175	2.0

~~• AMW-15-D2-W-2208 1040 24~~ ~~• MW-23-D1R-W-2008 2025~~
~~• AMW-15-D1-W-2208 1020 24~~ • MW-18R-W-2008 1420 25
~~• AMW-15-VD-W-2208 1000 24~~ only 2 vials
~~• 2-MW-28-D2R-W-2208 1915 25~~
~~• MW-28-D1-W-2208 1930 25~~ ~~• FB-W-202225~~
~~• MW-26-D1-W-2208 2050 25~~ ~~• FB-W-202224~~
~~• AMW-14-D1-W-2208 1100 24~~
~~• AMW-14-VD-W-2008 1140 24~~
~~• AMW-14-D2-W-2008 1120 24~~
~~• 1-MW-27-D2-W-2008 2130 25~~
~~• 3-MW-24-D2-W-2008 1155 24~~
~~• MW-24-D1R-W-2008 0000 25~~
~~BD-W-2008 25~~
~~• MW-23-D2R-W-2008 2015 25~~

Arcadis - Chevron - NY

Billing Information:

Company Name/Address:	Billing Information:	Pres Chk
Arcadis - Chevron - NY	Attn: Accounts Payable 630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129	
Report to: Max Mansilla	Email To: maxwell.mansilla@arcadis.com;ryan.merrell@a	
Project Description: POD 4 - Oceanside 6518040	City/State Collected:	Please Circle: PT MT CT ET
Phone:	Client Project # 30062947.19.21	Lab Project # CHEVARCNY-6518040
Collected by (print): Kirk Vargas Shannon Torkus	Site/Facility ID # 6518040	P.O. #
Collected by (signature):	Rush? (Lab MUST Be Notified) ___ Same Day ___ Next Day ___ Two Day ___ Three Day ___ Five Day ___ 5 Day (Rad Only) ___ 10 Day (Rad Only)	Quote #
Immediately Packed on Ice N___ Y✓	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

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 # L1530198

Table #

Acctnum: CHEVARCNY

Template: T182105

Prelogin: P944899

PM: 526 - Chris McCord

PB: 8/19/22 tco

Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FE(CP,MN(CP,NA(CP 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-2208 25	Grab	GW		8/25/22	2130	11	X	X	X	X	X	X	X	X		01	
MW-28-D2R-W-2208 25	Grab	GW		8/25/22	1915	11	X	X	X	X	X	X	X	X		02	
MW-24-D2-W-2208 24	Grab	GW		8/24/22	1155	11	X	X	X	X	X	X	X	X		03	
MW-24-VDR-W-2208		GW				11	X	X	X	X	X	X	X	X			
AMW-15-VD-W-2208 24	Grab	GW		8/24/22	1000	11	X	X	X	X	X	X	X	X		04 04	
AMW-7R-W-2208 25	Grab	GW		8/25/22	1845	11	X	X	X	X	X	X	X	X		05	
AMW-14-VD-W-2208 24	Grab	GW		8/24/22	1140	11	X	X	X	X	X	X	X	X		05 06	
AMW-14-D2-W-2208 24	Grab	GW		8/24/22	1120	11	X	X	X	X	X	X	X	X		06 07	
MW-28-D1-W-2208 25	Grab	GW		8/25/22	1930	11	X	X	X	X	X	X	X	X		07 08	
MW-26-D2-W-2208		GW				11	X	X	X	X	X	X	X	X			

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____ Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	8/26/22			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

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

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

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

Company Name/Address:	Arcadis - Chevron - NY
Billing Information:	Attn: Accounts Payable 630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129
Pres Chk	
Report to:	Max Mansilla
Email To:	maxwell.mansilla@arcadis.com;ryan.merrell@a
Project Description:	POD 4 - Oceanside 6518040
City/State Collected:	
Please Circle:	PT MT CT ET
Phone:	
Client Project #	30062947.19.21
Lab Project #	CHEVARCNY-6518040
Collected by (print):	Kirk Vargas Shannon Tothaw
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	
SDG #	U1530194
Table #	
Acctnum:	CHEVARCNY
Template:	T182105
Prelogin:	P944899
PM:	526 - Chris McCord
PB:	8/19/22
Shipped Via:	FedEX Ground

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-220825	Grab	GW		8/25/22	2015	11	X	X	X	X	X	X	X	X		08	09
AMW-15-D2-W-220824	Grab	GW		8/24/22	1040	11	X	X	X	X	X	X	X	X		09	10
AMW-15-D3-W-2208___		GW				11	X	X	X	X	X	X	X	X			
MW-23-D1R-W-220825	Grab	GW		8/25/22	2000	11	X	X	X	X	X	X	X	X		10	11
AMW-15-D1-W-220824	Grab	GW		8/24/22	1020	11	X	X	X	X	X	X	X	X		11	12
MW-27-D1R-W-220825	Grab	GW		8/25/22	2115	11	X	X	X	X	X	X	X	X			13
MW-26-D1-W-220825	Grab	GW		8/25/22	2050	11	X	X	X	X	X	X	X	X		12	14
MW-29-D1-W-220825	Grab	GW		8/25/22	2155	11	X	X	X	X	X	X	X	X			15
AMW-14-D1-W-220824	Grab	GW		8/24/22	1100	11	X	X	X	X	X	X	X	X		13	16
MW-24-D1R-W-220824	Grab	GW		8/24/22	1200	11	X	X	X	X	X	X	X	X		14	17

* 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: 8/26/22	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Arcadis - Chevron - NY

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

Pres Chk

Report to: Max Mansilla

Email To: maxwell.mansilla@arcadis.com;ryan.merrell@a

Project Description: POD 4 - Oceanside 6518040

City/State Collected:

Please Circle: PT MT CT ET

Phone:

Client Project # 30062947.19.21

Lab Project # CHEVARCNY-6518040

Collected by (print): Kirk Vargo, Shannon Torkan

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-18R-W-220825	Grab	GW		8/25/22	1820	2	X	X	X	X	X	X	X	X			
BD-W-220824	Grab	GW		8/24/22	—	11	X	X	X	X	X	X	X	X		15	
FB-W-220824	Grab	GW		8/24/22	1150	11	X	X	X	X	X	X	X	X		16	
FB-W-220825	Grab	GW		8/25/22	2230	11	X	X	X	X	X	X	X	X		17	
FB-W-220825		GW				11	X	X	X	X	X	X	X	X		18	
		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-220824	Grab	GW		8/24/22	—	7								X		19	
TB-W-220825		GW				1								X			

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

Remarks: *MW-18RW-220825 - ONLY 2 x 40mL VOCs

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __UPS __FedEx __Courier

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Kirk Vargo	8/26/22			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

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 1

Pace
PEOPLE ADVANCING SCIEN

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

SDG #

Table #

Acctnum: CHEVARCNY
Template: T182105
Prelogin: P944899
PM: 526 - Chris McCord
PB: 8/19/22

Shipped Via: FedEx Ground

8/28-NCF-L1530198 CHEVARCNY

R5

Time estimate: oh **Time spent:** oh

Members

HM Hailey Melson (responsible) Christopher McCord

Due on *31 August 2022 8:00 AM* for target *Done*

- [ ] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [x] Chain of Custody is missing
- [x] If no COC: Received by:_Michelle_____
- [x] If no COC: Date/Time:_08/27/22 @ 0930_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [x] If no COC: Carrier:_FedEx_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time: 8/29/22 10:57
- [x] PM initials: CM
- [x] Client Contact: Ryan Merrell

Comments

Hailey Melson *28 August 2022 9:49 AM*

Received The attached Tracking numbers for T182105, P944899 with no COC
Currently logged per P#.
For ID: MW-18R we only received 2 VOC vials.

Christopher McCord *29 August 2022 3:01 PM*

COC attached. Late cooler under 5882 7552 7212 should arrive tomorrow.

MW-18R only needs V8260TCLC.

Troy Dunlap *31 August 2022 10:12 AM*

This is still showing as delayed.

Christopher McCord *1 September 2022 4:19 PM*

Please use the attached COCs and scan them in for the samples we have.

Matthew Shacklock *6 September 2022 10:22 AM*

Done