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Date: January 24, 2024
Our Ref: 30062947
Subject: **Fourth Quarter 2023 Groundwater Monitoring Report**
Chevron Facility #6518040
Former Gulf Oil Terminal
3705 Hampton Road, Oceanside, New York
NYSDEC Site #130165

Dear Mr. Scharf,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis of New York, Inc. (Arcadis) has prepared this Fourth Quarter 2023 Groundwater Monitoring Report for submission to 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 November 29 and 30, 2023 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 November 29, 2023, 35 monitoring wells (AMW-3, AMW-13-D1, AMW-13-D2, AMW-13-VD, AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-15-D1, AMW-15-D2, AMW-15-VD, AMW-15-D3, AMW-7R, MW-18R, MW-23-D1R, MW-23-D2R, MW-24-D1R, MW-24-D2, MW-24-VDR, MW-26-D1, MW-26-D2, MW-26-VD, MW-27-D2, MW-27-D1R, MW-28-D1, MW-28-D2R, MW-29-D1, MW-29-D2, MW-29-VD, MW-30-D1, MW-30-D2, MW-30-VD, MW-31-D1R, MW-31-D2R, MW-32D, and OW-2-D1) were gauged prior to extracting HydraSleeves™. Monitoring well MW-26-D2 could not be gauged due to an obstruction encountered above the water table at 8.04 feet below top of inner casing (btic). The gauging log is included in **Attachment 1**.

Monitoring wells were gauged during high tide at the site on November 29, 2023. Measured groundwater elevations in the D1 horizon ranged from 0.67 feet above mean sea level (amsl) in MW-29-D1 to 3.30 feet amsl in MW-18R. Measured groundwater elevations in the D2 horizon ranged from 0.73 feet amsl in MW-29-D2 to 1.45 feet amsl in MW-14-D2. Measured groundwater elevations in the VD horizon ranged from 1.03 feet amsl in MW-26-VD to 1.79 feet amsl in MW-24-VDR. 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 southwest, the D2 horizon is to the south-

southwest, and for the VD horizon to the west. The well gauging data is summarized in **Table 1** and illustrated on **Figures 3, 4, and 5**.

Groundwater Sampling

On November 29 and 30, 2023 , groundwater samples were collected from HydraSleeves™ that were deployed in 18 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-D2R, MW-24-D1R, MW-24-D2, MW-24-VDR, MW-27-D1R, MW-27-D2, MW-28-D1, MW-28-D2R and MW-29-D1). Monitoring well MW-26-D2 was not sampled as the HydraSleeve™ could not be located/retrieved due to an obstruction. MW-23D1R was not sampled as the HydraSleeve™ was previously dropped down the well, the field team retrieved it and deployed a new HydraSleeve™. MW-26-D1 was not sampled as the HydraSleeve™ was punctured when retrieved and could not collect a sample. Prior to collection, groundwater parameters (pH, temperature, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity) were collected. Groundwater sampling logs are included in **Attachment 1**. The groundwater samples were placed in laboratory-supplied containers, packaged on ice, and transported to Pace Analytical Inc. in Mt. Juliet, Tennessee (New York Certification #11742). Groundwater samples were collected for:

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

The following summarizes the dissolved VOC constituents that were reported at a concentration greater than the New York State (NYS) Class GA groundwater standards, which are listed in the NYSDEC Technical and Operational Guidance Series (TOGS) No. 1.1.1 standards and guidance values, in the samples collected during the fourth quarter 2023 sampling event:

- Benzene exceeded the NYS Class GA standard of 1 microgram per Liter (µg/L) at monitoring wells AMW-14-D1 (2.16 µg/L), AMW-15-D3 (4.36 µg/L), AMW-7R (2.53 µg/L), MW-18R (42.1 µg/L) and MW-24-D1R (6.70 [6.30] µg/L), where bracketed values indicate the contaminant concentration in the blind duplicate sample.
- Ethylbenzene exceeded the NYS Class GA standard of 5 µg/L at monitoring well MW-24-D1R (5.19 [4.98] µg/L).
- Total xylenes exceeded the NYS Class GA standard of 5 µg/L at monitoring wells AMW-7R (5.71 ug/L) and MW-24-D1R (6.04 [5.56] µg/L).

- Methyl tert-butyl ether (MTBE) exceeded the NYS Class GA guidance value of 10 µg/L at monitoring wells AMW-14-D1 (56.3 µg/L), AMW-15-D3 (22.5 µg/L), MW-18R (33.2 µg/L), MW-24-D1R (127 [129] µg/L) and MW-24-D2 (28.2 µg/L).
- Trans-1,2-dichloroethene exceeded the NYS Class GA standard of 5 µg/L at monitoring well MW-24-D1R (5.45 [5.43] µg/L).

A blind duplicate sample was collected from monitoring well MW-24-D1R. . 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 20 monitoring wells for retrieval during the next quarterly sampling event.

Future Site Activities

The next quarterly sampling event will be completed in February 2024. 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 – November 29, 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Monitoring Well ID	Date	Well Diameter (in)	Well Depth (feet btic)	TOC Elevation (feet NAVD 88)*	Depth to LNAPL (feet btic)	Depth to Groundwater (feet btic)	Groundwater Table Elevation (feet NAVD 88*)
Shallow Fill Unit Monitoring Wells							
AMW-3	11/29/2023	2	12.40	9.05	ND	6.58	2.47
AMW-7R	11/29/2023	2	13.83	9.95	ND	8.39	1.56
MW-18R	11/29/2023	2	9.93	7.98	ND	4.68	3.30
D1 Horizon Monitoring Wells							
AMW-13-D1	11/29/2023	2	32.87	9.87	ND	8.93	0.94
AMW-14-D1	11/29/2023	2	32.67	9.38	ND	7.91	1.47
AMW-15-D1	11/29/2023	2	35.74	9.74	ND	8.39	1.35
MW-23-D1R	11/29/2023	2	24.37	9.84	ND	8.43	1.41
MW-24-D1R	11/29/2023	2	31.42	9.82	ND	8.39	1.43
MW-26-D1	11/29/2023	2	29.50	9.95	ND	8.63	1.32
MW-27-D1R	11/29/2023	2	32.24	9.01	ND	7.97	1.04
MW-28-D1	11/29/2023	2	30.02	8.25	ND	7.01	1.24
MW-29-D1	11/29/2023	2	21.83	5.21	ND	4.54	0.67
MW-30-D1	11/29/2023	2	29.88	8.74	ND	7.78	0.96
MW-31-D1R	11/29/2023	2	30.03	8.39	ND	7.29	1.10
MW-32D	11/29/2023	2	35.97	8.85	ND	7.81	1.04
OW-2-D1	11/29/2023	2	33.70	9.94	ND	9.15	0.79
D2 Horizon Monitoring Wells							
AMW-13-D2	11/29/2023	2	42.77	9.76	ND	8.89	0.87
AMW-14-D2	11/29/2023	2	42.57	9.37	ND	7.92	1.45
AMW-15-D2	11/29/2023	2	39.98	9.71	ND	8.31	1.40
MW-23-D2R	11/29/2023	2	45.97	10.52	ND	9.08	1.44
MW-24-D2	11/29/2023	2	41.60	10.00	ND	8.74	1.26
MW-26-D2	11/29/2023	2	OB	9.40	ND	OB	NA
MW-27-D2	11/29/2023	2	46.39	9.09	ND	7.79	1.30
MW-28-D2R	11/29/2023	2	46.41	8.40	ND	7.13	1.27
MW-29-D2	11/29/2023	2	37.77	5.38	ND	4.65	0.73
MW-30-D2	11/29/2023	2	40.32	8.72	ND	7.67	1.05
MW-31-D2R	11/29/2023	2	45.97	8.35	ND	7.45	0.90
D3 Horizon Monitoring Wells							
AMW-15-D3	11/29/2023	2	48.05	9.81	ND	8.44	1.37
VD Horizon Monitoring Wells							
AMW-13-VD	11/29/2023	2	70.38	9.77	ND	8.69	1.08
AMW-14-VD	11/29/2023	2	74.41	9.25	ND	7.87	1.38
AMW-15-VD	11/29/2023	2	71.09	9.82	ND	8.43	1.39
MW-24-VDR	11/29/2023	2	67.65	9.72	ND	7.93	1.79
MW-26-VD	11/29/2023	2	67.79	9.99	ND	8.96	1.03
MW-29-VD	11/29/2023	2	59.71	5.27	ND	4.13	1.14
MW-30-VD	11/29/2023	2	83.05	8.70	ND	6.94	1.76

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
btic = below top of inner casing
NAVD 88 = North America Vertical Datum of 1988
LNAPL = light non aqueous phase liquid
ND = not detected
OB = obstruction
NA = not applicable

Table 2
Summary of Groundwater Sampling Results – November 29-30, 2023
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	Xylenes (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
NYS Class GA Standard		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	11/30/2023	**2.16**	<1.00	**1.51**	<3.00	**56.3**	**0.284 J**	<1.00	**1.88**	<1.00	<1.00	**70 B T8**	**3,040**	**21.8**	**988,000**	**265,000**	**1,680**	**2.52**	<5,000
AMW-14-D2	11/30/2023	<1.00	<1.00	<1.00	<3.00	**0.500 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**103 B T8**	**1,260**	**76.8**	**2,130,000**	**843,000**	**3,800**	<0.05	<100
AMW-14-VD	11/30/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**174 T8**	**21,500**	**411**	**8,380,000**	**617,000**	**15,100**	<0.1	<100
AMW-15-D1	11/30/2023	<1.00	<1.00	<1.00	<3.00	**0.174 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**56.4 B T8**	**2,250**	**30.3**	**760,000**	**477,000**	**2,310**	**0.934**	**269 J**
AMW-15-D2	11/30/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<20 T8	**4,390**	**104**	**824,000**	**37,700**	**46.1**	**3.08**	<100
AMW-15-D3	11/30/2023	**4.36**	**0.575 J**	**0.412 J**	**1.03 J**	**22.5**	**0.221 J**	**3.37**	**0.236 J**	**6.56**	**1.45**	**89 B T8**	**8,350**	**1,300**	**3,880,000**	**604,000**	**5,970**	<0.1	<100
AMW-15-VD	11/30/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	**2.18**	<1.00	<20 T8	**2,850**	**56.5**	**26,800**	**40,000**	**119 J6**	**2.67**	**67.5 J**
AMW-7R	11/30/2023	**2.53**	**0.343 J**	**2.09**	**5.71**	**0.151 J**	**1.18**	<1.00	<1.00	<1.00	<1.00	**24 B T8**	**4,880**	**829**	**87,200**	**264,000**	**115**	<0.1	**61.3 J**
MW-18R	11/30/2023	**42.1**	**2.50**	**0.791 J**	**4.95**	**33.2**	**3.36**	<1.00	<1.00	<1.00	<1.00	<20 T8	**1,920**	**20.5**	**125,000**	**193,000**	**70.1**	<0.1	<500
MW-23-D2R	11/30/2023	<1.00	<1.00	<1.00	<3.00	**2.32**	<1.00	<1.00	<1.00	<1.00	<1.00	<20 T8	**3,090**	**258**	**1,260,000**	**274,000**	**487**	**2.68**	**438**
MW-24-D1R	11/30/2023	**6.70 [6.30]**	**0.571 J [0.526 J]**	**5.19 [4.98]**	**6.04 [5.56]**	**127 [129]**	**0.594 J [0.540 J]**	**0.252 J [0.174 J]**	**5.45 [5.43]**	**0.266 J [0.237 J]**	**0.799 J [0.783 J]**	**70.9 B T8 [67.6 B T8]**	**925 [2,680]**	**19.8 [52.1]**	**1,470,000 [1,580,000]**	**360,000 [490,000]**	**2,420 [2,560]**	**0.585 [1.06]**	<1,000 [<5,000]
MW-24-D2	11/29/2023	**0.126 J**	<1.00	<1.00	<3.00	**28.2**	<1.00	<1.00	<1.00	<1.00	<1.00	**74 B T8**	**1,650**	**72.2**	**2,070,000**	**813,000**	**3,550**	**0.485**	<100
MW-24-VDR	11/29/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**20.4 B T8**	**14,600**	**241**	**5,150,000**	**156,000**	**2,800**	**13.3**	<100
MW-27-D1R	11/29/2023	**0.728 J**	<1.00	<1.00	<3.00	**7.30**	<1.00	**0.169 J**	**0.205 J**	<1.00	<1.00	**86.5 B T8**	**993**	**54.7**	**2,120,000**	**729,000**	**3,830**	**0.565**	<500
MW-27-D2	11/29/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**158 T8**	**13,800**	**1,550**	**4,220,000**	**377,000**	**6,350**	**13.3**	<100
MW-28-D1	11/29/2023	**0.121 J**	<1.00	<1.00	<3.00	**0.427 J**	<1.00	<1.00	<1.00	<1.00	<1.00	<20 T8	**288**	**130**	**1,510,000**	**334,000**	**1,200**	**0.063**	**265**
MW-28-D2R	11/29/2023	**0.136 J**	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	**115 T8**	**726**	**316**	**2,390,000**	**411,000**	**4,450**	**0.206**	**72.0 J**
MW-29-D1	11/30/2023	<1.00	<1.00	<1.00	<3.00	**0.589 J**	<1.00	<1.00	<1.00	<1.00	<1.00	**27.2 B T8**	**2,960**	**41.7**	**57,400**	**165,000**	**420**	<0.1	<100

Notes:
ID = Identification
NYS = New York State
NYS Class GA Standards are listed in the NYSDEC TOGS No. 1.1.1 Standards and Guidance Values
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
* = guidance value listed in NYSDEC TOGS 1.1.1
<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 NYS Class GA standard/guidance value
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.
B =The same analyte is found in the associated blank.
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 November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.959 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.376 C3 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.477 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.314 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.174 J**	<1.00	<5.00 C3 J4	<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	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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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
NYS Class GA Standard		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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	05/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<1.00	<1.00	<1.00
AMW-14-VD	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.43 J**
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.45 J**
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.46 J**
	9/1/2023	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.350 J**
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.119 J**
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	**0.221 J**
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	0.293 J
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	**0.343 J**
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	**0.204 J**
	09/01/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		**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
	11/28/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.557 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.257 C3 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	06/01/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.304 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	**0.200 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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
	11/28/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.147 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/28/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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-7R	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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]
	11/29/2022	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.330 J [0.280 J]**	<1.00 C3 [<1.00 C3]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
	3/10/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	**0.252 J** [<10.0]	<1.00 C3 [<10.0 C3]	<5.00 [<50.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]
	5/31/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	**0.286 J** [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]
	8/30/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	1.00 J3 [<10.0 J3	**0.306 J** [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]
	11/30/2023	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.182 J [0.189 J]**	<1.00 [<1.00]	5.00 C3 J4 [<5.0	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.122 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	**0.123 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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-D1 (cont.)	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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.132 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.381 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.322 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.277 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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
NYS Class GA Standard		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.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.362 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.176 C3 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.920 C3 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**1.45**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.826 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYS Class GA Standard		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.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.294 J**	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.464 C3 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.634 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	**0.302 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3 J4	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.87**	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**3.35**	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.2**	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.38**	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.16**	<1.00	<1.00 C3	<5.00
AMW-14-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**3.2 J**	**3.3 J**	< 1.0	**0.99 J**	**4.6**	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.1 J**	**0.88 J**	< 1.0	**1.3**	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.6 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/12/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<10.0	<10.0	<10.0	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	8/19/2020	<10.0	<10.0 J4	<10.0 J4	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.249 BJ**	<1.00	<1.00	<5.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	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)
		Volatile Organics										
NYS Class GA Standard		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	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
(cont.)	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**0.193 J**	<1.00	<1.00	<5.00
	05/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.163 J**	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
AMW-14-VD	9/1/2023	< 1.0	< 1.0	< 1.0	**3.9 J**	< 5.0	**2.1 J**	**22**	< 1.0	**0.87 J**	**3**	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**8.9 J**	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.7 J**	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3 J4	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<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
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<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
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	09/01/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
AMW-15-D1	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	**2.1 J**	**4.2 J**	**0.48 J**	< 1.0	**2.2**	< 1.0
	7/27/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**3.9 J**	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	**11**	< 10	< 10	< 10
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**5.1**	< 4.0	< 4.0	< 4.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**12**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**11**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	**12**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.3**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.2**	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**6.6**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	< 1.0	< 1.0	< 1.0
	6/10/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**6.35**	<5.00	<5.00	<25.0
	8/19/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**4.70 J**	<5.00	<5.00	<25.0
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.55**	<1.00	<1.00	<5.00
	3/19/2021	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**5.80**	<5.00	<5.00 C3	<25.0
	6/2/2021	<1.00	<1.00	<1.00	<10.0 J3	<10.0	<10.0 J3	<50.0	**1.74**	<1.00 J3	<1.00	**3.35 J**
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**6.78**	<1.00	<1.00	<5.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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)
NYS Class GA Standard		1	3	3	50*	50	NE	50*	1	50*	50*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**6.26**	<1.00	<1.00	<5.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.06**	<1.00	<1.00	<5.00
	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
	11/28/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**5.99**	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**3.56**	<1.00	<1.00	<5.00
	06/01/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**4.11**	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.78**	<1.00	<1.00	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
AMW-15-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	**1.3 J**	< 5.0	< 5.0	**11**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.8 J**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**5.1 J**	**0.47 J**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**9.8**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.25 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.123 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.102 J**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.529 J**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.824 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.538 J**	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.261 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.427 J**	<1.00	<1.00	<5.00
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.330 J**	<1.00 J4	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**0.198 J**	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.344 J**	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.102 J**	<1.00	<1.00	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.9 J**	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**7.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.6 J**	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	**36 J**	**3.7 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	**16 J**	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.29 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.664 J**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.430 J**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	**11.0**	<10.0	**0.640 J**	**62.4**	**12.8**	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	**3.00 C3J**	<10.0	<10.0	**17.1 C3J**	**2.75**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	**22.8**	<10.0	**0.960 J**	**84.1 C3**	**15.4**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	**16.2**	<10.0	**0.843 J**	**60.5 C3**	**9.89**	<1.00	<1.00	<5.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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)
NYS Class GA Standard		1	3	3	50*	50	NE	50*	1	50*	50*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	2/1/2022	<1.00	<1.00	<1.00	**18.6 C5**	<10.0	**0.808 J**	**89.0**	**7.72**	<1.00	<1.00	<5.00
(cont.)	5/5/2022	<1.00	<1.00	<1.00	**11.3**	<10.0	**1.08 J**	**64.7**	**7.96**	<1.00	<1.00	<5.00
	11/28/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**0.107 J**	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	**13.6 J J4**	**1.66**	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.120 J**	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/30/2023	<1.00	<1.00	<1.00	**3.44 J**	<10.0	**0.623 J**	**31.4 J**	**4.36**	<1.00	<1.00 C3	<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
	11/28/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	**12.0**	<10.0	**0.926 J**	**69.2**	**13.1**	<1.00	<1.00	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	**280**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	**3.4 J**	< 5.0	< 5.0	**21**	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**30 J**	**5.7**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.2 J**	**1.1**	< 1.0	< 1.0	< 1.0
	7/11/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**0.82 J**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	**8.1 J**	**0.78 J**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.69 J**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.39 J**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.89 J**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	<5.0	<5.0	<5.0	<5.0	**0.82 J**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.926 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**0.566 J**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.214 J**	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0960 J**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**1.08 B**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.109 J**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.124 J**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.395 J**	<1.00	<1.00	<5.00
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.987 J**	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**1.79**	<1.00	<1.00	<5.00 C3
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.153 J**	<1.00	<1.00 C3	<5.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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)
NYS Class GA Standard		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-7R	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.53**	<1.00	<1.00 C3	<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
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
	11/29/2022	<1.00	<1.00	<1.00	**1.92 J**	<10.0	**1.90 J**	<50.0	**27.1**	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	**7.85 J**	**1.13 J**	**1.85 J**	**35.1 J**	**10.2**	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	**3.98 J**	<10.0	**1.04 J**	<50.0	**7.89**	<1.00	<1.00	<5.00
	8/31/2023	<1.00	<1.00	<1.00	**4.83 J**	<10.0	**1.26 J**	**18.7 J**	**41.1**	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	**2.89 J**	<10.0	**1.38 J**	<50.0	**42.1**	<1.00	<1.00 C3	<5.00
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**6.4 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**3.8**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.4**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.56 J**	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.408 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.312 J**	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.0955 J**	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.150 J**	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.158 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.151 J**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		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	6/20/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**23**	< 1.0	< 1.0	< 1.0	< 1.0
(cont.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	**0.372 C3 J**	<5.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**5.4**	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.1**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**4.9**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	**11**	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	**8.3**	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**1.5**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	<5.0 [<5.0]	<5.0 [<5.0]	**13 [13]**	< 1.0 [<1.0]	<1.0 [<1.0]	< 1.0 [<1.0]
	12/5/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	<5.0 [<5.0]	**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]
	11/29/2022	<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 J4 [<50.0 J4]	**8.84 [7.97]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]
	3/10/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<10.0 [<100]	<10.0 [<100]	<10.0 [<100]	<50.0 [<500]	**8.10 [6.96 J]**	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]
	5/31/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<10.0 [<100]	<10.0 [<100]	<10.0 [<100]	<50.0 [<500]	**9.57 [7.13 J]**	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]
	8/30/2023	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<10.0 [<100]	<10.0 [<100]	<10.0 [<100]	<50.0 [<500]	**7.98 [7.11 J]**	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]
	11/30/2023	<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]	**6.70 [6.30]**	<1.00 [<1.00]	<1.00 C3 [<1.00]	<5.00 [<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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)
NYS Class GA Standard		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	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
(cont.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.486 J**	<1.00 J4	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**0.207 J**	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.147 J**	<1.00	<1.00	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.126 J**	<1.00	<1.00 C3	<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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
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)
NYS Class GA Standard		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-D1	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
(cont.)	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**10.9**	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**5.40**	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**11.0**	<1.00	<1.00	<5.00 C3
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**9.43**	<1.00	<1.00 C3	<5.00
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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**2.02**	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.53**	<1.00	<1.00	<5.00
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.10**	<1.00	<1.00 C3	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.728 J**	<1.00	<1.00 C3	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		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	10/18/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
(cont.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.41**	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
MW-28-D1	6/24/2016	< 1.0	< 1.0	< 1.0	**2.3 J**	< 5.0	< 5.0	**45**	**2.1**	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 10	< 10	< 100	< 50	< 50	**280**	< 10	< 10	< 10	< 10
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**8.9**	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**2.7 J**	< 4.0	< 4.0	< 4.0
	10/11/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**3.7 J**	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	**9.3 J**	**5.6**	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.4**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.0**	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**11.0**	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**17.0**	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**9.35**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.03**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**24.3**	<1.00	<1.00 C3	<5.00 C3
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**4.45**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.94**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**6.10**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.96**	<1.00	<1.00	<5.00
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.390 J**	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**3.27**	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**3.87**	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**1.74**	<1.00	<1.00 C3	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.121 J**	<1.00	<1.00 C3	<5.00
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**3.3 J**	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**4.4 J**	< 1.0	**1.2**	**5.6**	< 1.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.50 J**	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		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	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
(cont.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/29/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.136 J**	<1.00	<1.00 C3	<5.00
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	**25 J**	**81**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	**9.5 J**	**6.3**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**32**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	**5.5**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**9.7**	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	**19**	< 2.0	< 2.0	< 2.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	**4.3**	< 4.0	< 4.0	< 4.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 40	**9.1 J**	< 20	< 40	**5.2**	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	**3.7**	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**9.8**	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	**0.67 J**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00 C3	<5.00 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	**0.488 J**	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	**0.628 J**	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	**0.744 J**	<50.0	<1.00	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	**1.59 J**	<10.0	**2.43 J**	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	**0.943 J**	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	9/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	**0.936 J**	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	11/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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**
	11/29/2022	**0.346 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**1.93 C5**	<1.00	<5.00	**6.90**
	3/9/2023	**0.467 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	**0.954 J**	<1.00	<5.00	**5.53**
	5/31/2023	**0.921 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**1.45**	<1.00	<5.00	**6.13**
	9/1/2023	**0.471 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.170 C3 J**	<1.00	**0.311 C3 J**	<1.00	<5.00	**3.03**
	11/30/2023	**0.419 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.369 J**	<1.00	<5.00	**1.51**
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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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	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
(cont.)	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
	11/29/2022	**0.131 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.125 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	05/31/2023	**0.603 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.164 J**	<1.00	**0.544 J**	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/30/2023	**0.163 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-14-VD	9/1/2023	**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
	9/1/2023	**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
	9/1/2023	**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
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	< 1.0 *	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<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
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<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
	9/1/2023	**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
	9/1/2023	<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
	9/1/2023	**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
	9/1/2023	**<1.00**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<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
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	09/01/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/30/2023	**0.154 J**	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		60*	5	5	5	7	5	5	0.4	NE	50	5	5
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	**0.394 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.168 J**	<1.00	**1.10**	<1.00	<5.00	**5.05**
(cont.)	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	**1.61**
	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**
	11/28/2022	**0.248 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**1.75**	<1.00	**0.851 J**	<1.00	<5.00	**3.45**
	3/10/2023	**0.199 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	**0.405 J**	<1.00	<5.00	**3.22**
	06/01/2023	**0.356 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	**0.616 J**	<1.00	**0.401 J**	<1.00	<5.00	**2.48**
	8/31/2023	**0.236 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.342 C3 J**	<1.00	<1.00	<1.00	<5.00	**0.937 J**
	11/30/2023	**0.195 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
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
	11/29/2022	**0.159 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.370 J J4**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	**0.172 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	**0.520 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	**0.242 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	<1.00
	11/30/2023	**0.135 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<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 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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**
	11/28/2022	**0.456 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.132 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.257 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	**1.45**	<1.00	<1.00	<1.00	<5.00	**0.215 J**
	6/1/2023	**0.186 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.281 C3 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/30/2023	**1.33**	<1.00	<1.00	<5.00	<5.00	<2.50	**3.37**	<1.00	**0.262 J**	<1.00	<5.00	**0.412 J**
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
	11/28/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	**1.53**	<1.00	<1.00	<5.00	<5.00	<2.50	**9.33 C3**	<1.00	**0.566 J**	<1.00	<5.00	**1.28**
	11/30/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**57**	< 5.0	< 5.0	**29**
	6/21/2016	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**0.43 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**18**	< 1.0	< 1.0	< 1.0
	7/11/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**16**	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**29**	< 1.0	< 1.0	**0.19 J**
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	**19**	< 1.0	< 1.0	**0.39 J**
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	**0.49 J**
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	**17**	< 1.0	< 1.0	**0.49 J**
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	**13.5**	<1.00	<5.00	**0.805 J**
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**14.6**	<1.00	<5.00	**0.331 J**
	11/6/2020	**0.271 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**11.6**	<1.00	<5.00	<1.00
	3/19/2021	**0.140 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.77**	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	**11.9 C5 J4**	<1.00	<5.00	**0.892 B J**
	8/12/2021	**1.06 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**4.00**	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**4.88**	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.01**	<1.00	<5.00	<1.00
	11/29/2022	**0.157 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**5.97 C5**	<1.00	<5.00	**0.461 J**
	3/10/2023	**0.564 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	**2.86**	<1.00	<5.00	**0.992 J**
	6/1/2023	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	**1.74**	<1.00	<5.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**3.65 C3**	<1.00	<5.00	<1.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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-7R	11/30/2023	**0.360 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.67**	<1.00	<5.00	**2.09**
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**
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**
	11/29/2022	**0.850 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**3.75 C5**	<1.00	<5.00	**0.936 J**
	3/9/2023	**1.02**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.177 J**	<1.00	**3.66**	<1.00	<5.00	**0.933 J**
	5/31/2023	**0.313 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.07**	<1.00	<5.00	**0.448 J**
	8/31/2023	**1.14**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.198 C3 J**	<1.00	**2.58 C3**	<1.00	<5.00	**0.984 J**
	11/30/2023	**0.829 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**2.93**	<1.00	<5.00	**0.791 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
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.137 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.112 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	**0.593 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	**0.308 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	**0.740 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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	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
(cont.)	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
	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
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.110 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	**0.137 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/30/2023	**0.139 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**10**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	**1.6 J**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**4.9**	< 4.0	**1.9 J**	< 4.0	< 4.0	**3.1 J**
	10/26/2016	**1.7**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4**	< 1.0	**1.6**	< 1.0	< 1.0	**2.3**
	10/26/2016	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**6.1**	< 1.0	**1.4**	< 1.0	< 1.0	**2.2**
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	**2.1 J**	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**7.1 J**
	10/16/2018	**1.4 J**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	**6.1**
	5/9/2019	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**
	9/13/2019	**3.2 [1.8]**	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	**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]**
	11/29/2022	**0.873 J [0.862 J]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	**0.234 J [0.211 J**	<1.00 [<1.00]	**0.529 J [0.497 J]**	<1.00 [<1.00]	<5.00 [<5.00]	**5.30 [4.90]**
	3/10/2023	**0.653 J** [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	<5.00 [<50.0]	<2.50 [<25.0]	**0.218 J** [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	**5.25 [4.01 J]**
	5/31/2023	**0.703 J** [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	<5.00 [<50.0]	<2.50 [<25.0]	**0.297 J** [<10.0]	<1.00 [<10.0]	**0.913 J** [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	**7.14 [6.20 J]**
	8/30/2023	**0.681 J** [<10.0]	<1.00 [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	<5.00 [<50.0]	<2.50 [<25.0]	**59 C3 J** [<10.0	<1.00 [<10.0]	**0.324 J** [<10.0]	<1.00 [<10.0]	<5.00 [<50.0]	**6.04 [5.16 J]**
	11/30/2023	**0.897 J [0.768 J**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 [<5.00]	<2.50 [<2.50]	**0.252 J [0.174 J**	<1.00 [<1.00]	**0.395 J [0.348 J]**	<1.00 [<1.00]	<5.00 [<5.00]	**5.19 [4.98]**
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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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	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
(cont.)	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
	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
	11/29/2022	**0.796 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.162 J J4**	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	**0.405 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/31/2023	**0.359 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/30/2023	**0.278 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.152 C3 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	11/29/2023	**0.238 J**	<1.00	<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
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	**0.115 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/30/2023	**0.168 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	<1.00
	11/29/2023	**0.111 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-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**

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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-D1	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**
(cont.)	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**
	11/29/2022	**0.174 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.69**
	3/10/2023	**0.141 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**2.08**
	6/1/2023	**0.299 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	**0.253 J**	<1.00	<5.00	**4.17**
	9/1/2023	**0.519 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**0.203 C3 J**	<1.00	<5.00	**4.03**
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**
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.180 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.214 J**
	5/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.605 J**	<1.00	**0.517 J**	<1.00	<5.00	**0.258 J**
	8/31/2023	**0.303 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.588 C3 J**	<1.00	<1.00 C3	<1.00	<5.00	**0.355 J**
	11/29/2023	**0.288 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.169 J**	<1.00	<1.00	<1.00	<5.00	<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	< 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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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	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
(cont.)	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
	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
	11/29/2022	**0.263 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.617 J**	<1.00	<1.00	<1.00	<5.00	**0.321 J**
	3/9/2023	**0.112 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-28-D1	6/24/2016	**1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/5/2017	**0.40 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	**4.9**	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	**0.47 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	**1.4**
	5/9/2019	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	**0.49 J**
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	**2.1**
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	**0.164 J**	<1.00	<1.00	<1.00	<5.00	**2.5**
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.750 J**
	11/6/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.305 J**	<1.00	**0.296 J**	<1.00	<5.00	**3.68**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	**1.74**
	8/12/2021	**6.60**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.48 B**
	11/16/2021	**1.38**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.53**
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.47**
	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
	11/29/2022	**0.307 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.312 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.34**
	6/1/2023	**0.736 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	**0.217 J**	<1.00	<1.00	<1.00	<5.00	**1.15**
	8/31/2023	**0.512 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.158 C3 J**	<1.00	<1.00 C3	<1.00	<5.00	**0.581 J**
	11/29/2023	**0.200 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-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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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
NYS Class GA Standard		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	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
(cont.)	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
	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
	11/29/2022	**0.106 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/9/2023	**0.136 J**	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/31/2023	**0.131 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/29/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**13**	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8**	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**21**	< 1.0	< 1.0	< 1.0
	10/26/2016	**0.21 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**11**	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**7.6**	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**12**	< 2.0	< 2.0	< 2.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**5.4**	< 4.0	< 4.0	< 4.0
	7/13/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	**24**	< 4.0	< 4.0	< 4.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**20**	< 1.0	< 1.0	**0.31 J**
	5/10/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	**24**	< 1.0	< 1.0*	**0.34 J**
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.47 J**	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0 *	< 1.0	< 1.0
	6/10/2020	**0.307 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	**0.364 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.536 J**	<1.00	<5.00	<1.00
	3/20/2021	**0.130 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.452 J**	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	**0.412 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	**0.556 J**	<1.00	<5.00	<1.00
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**0.428 J**	<1.00	<5.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2023	**0.109 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	**0.235 J**	<1.00	<5.00	<1.00
	9/1/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<1.00	<5.00	<1.00
	11/30/2023	**0.212 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-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

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	**24**	< 13	**32.0**	**5.4**	< 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
	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
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
	7/27/2016	< 1.0	< 2.5	**41**	< 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
	7/27/2016	< 1.0	< 2.5	**3.4**	< 1.0	< 1.0	< 1.0	**1**	**1.3**	< 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
	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
	7/5/2017	< 4.0	< 10	**170**	< 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
	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
	7/12/2018	< 8.0	< 20	**160**	**1.7 J**	< 8.0	< 8.0	< 8.0	< 8.0	**8.6**	< 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
	5/10/2019	**1.0**	<5.0	**250**	**3.0**	< 1.0	< 1.0	< 1.0	**0.84 J**	**11**	< 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
	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**
	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**
	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**
	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
	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**
	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**
	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**
	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
	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**
	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
	5/5/2022	**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**
	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
	11/29/2022	**1.16**	<20.0	**123**	**4.24**	<5.00	<1.00	<1.00	**0.339 J**	**20.6**	<1.00	<1.00
	3/9/2023	**1.07**	<20.0	**106**	**1.35**	<5.00	<1.00	<1.00	<1.00	**6.08**	<1.00	<1.00
	5/31/2023	**1.05**	<20.0	**119**	**1.84**	<5.00	<1.00	<1.00	0.305 J	**6.97**	<1.00	<1.00
	9/1/2023	**0.418 J**	<20.0	**99.4**	<1.00	<5.00	<1.00	<1.00	<1.00	**3.51**	<1.00	<1.00
	11/30/2023	**0.284 J**	<20.0	**56.3**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.88**	<1.00	<1.00
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
	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
	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
	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
	10/11/2017	< 1.0	< 2.5	**48**	< 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
	10/17/2018	< 1.0	< 10	**44**	< 5.0	< 5.0	< 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
	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
	12/5/2019	< 1.0	<5.0	**29**	< 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
	6/10/2020	<10.0	<200	**33.2**	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
	8/19/2020	<10.0	<200	**32.0**	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
	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
	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
	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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	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
(cont.)	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
	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
	5/5/2022	<1.00	<20.0	**23.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**1.29**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	**0.106 J**	<20.0	**13.2**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.835 J**	<1.00	<1.00
	05/31/2023	<1.00	<20.0	**12.8**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.735 J**	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**3.56**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.189 J**	<1.00	<1.00
	11/30/2023	<1.00	<20.0	**0.500 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
AMW-14-VD	9/1/2023	< 1.0	< 2.5	**0.91 J**	**0.36 J**	< 1.0	< 1.0	**0.59 J**	**10**	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 2.5	**0.59 J**	< 1.0	< 1.0	< 1.0	**0.41 J**	**8.2**	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 2.5	**0.51 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 2.5	**0.42 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 2.5	**0.65 J**	**0.58 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 2.5	**0.49 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<5.0	**0.54 J**	<1.0	**0.36 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/1/2023	<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
	9/1/2023	<1.00	<20.0	**0.303 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.434 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.270 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.272 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.267 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.263 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.217 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<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
	9/1/2023	<1.00	<20.0	**0.198 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.155 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	09/01/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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**
	7/27/2016	< 5.0	< 13	**51**	< 5.0	**140**	< 5.0	< 5.0	**7.5**	< 5.0	< 5.0	**73**
	10/26/2016	< 10	< 25	**110**	**3.3 J**	**8.9 J**	< 10	< 10	**18**	< 10	< 10	**48**
	10/26/2016	< 4.0	< 10	**180**	**0.87 J**	**4.1**	< 4.0	< 4.0	**6.6**	< 4.0	< 4.0	**18**
	7/5/2017	< 4.0	< 10	**170**	< 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
	10/11/2017	< 2.0	< 5.0	**300 E**	< 2.0	< 2.0	< 2.0	< 2.0	**5.9**	**13**	< 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
	5/9/2019	< 1.0	<5.0	**120**	**0.50 J**	< 1.0	< 1.0	< 1.0	< 1.0	**7.4**	< 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
	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
	2/11/2020	< 1.0	<5.0	**37**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 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
	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
	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
	3/19/2021	<5.00	<100	**127**	<5.00	<25.0	<5.00	<5.00	<5.00	**5.63**	<5.00	<5.00
	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
	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**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	**0.614 J**	<20.0	**116**	**1.02**	<5.00	<1.00	<1.00	**0.305 J**	**3.11**	<1.00	<1.00
(cont.)	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
	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
	11/28/2022	**0.465 J**	<20.0	**97.3**	**1.06 C5**	<5.00	<1.00	<1.00	<1.00	**1.94**	<1.00	**0.265 J**
	3/10/2023	**0.420 J**	<20.0	**81.3**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.08**	<1.00	<1.00
	06/01/2023	**0.327 J**	<20.0	**79.8 C3**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.28**	<1.00	**0.247 J**
	8/31/2023	**0.242 J**	<20.0	**73.7**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	**0.718 J**	<1.00	**0.293 J**
	11/30/2023	<1.00	<20.0	**0.174 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	6/23/2016	< 1.0	< 2.5	**66**	< 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
	10/26/2016	< 1.0	< 2.5	**42**	< 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
	7/5/2017	< 4.0	< 10	**120**	< 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
	10/11/2017	< 4.0	< 10	**160**	< 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
	5/10/2019	< 1.0	< 5.0	**61**	< 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
	12/5/2019	< 1.0	< 5.0	**96**	< 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
	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
	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
	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
	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
	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
	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
	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
	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
	5/4/2022	<1.00	<20.0	**28.9**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	**0.284 J**	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**49.3 C5 J4**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.256 J**	<1.00	<1.00
	3/10/2023	<1.00	<20.0	**18.1**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<20.0	**38.8 C3**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.235 J**	<1.00	<1.00
	8/31/2023	<1.00	<20.0	**4.51**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	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
	7/27/2016	< 1.0	< 2.5	**23**	< 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**
	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
	7/13/2018	< 2.0	< 5.0	**22**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**20**
	10/17/2018	< 1.0	< 10	**10**	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**
	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**
	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**
	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
	2/11/2020	< 1.0	<5.0	**51**	<5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**
	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
	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**
	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**
	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**
	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**
	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**
	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**

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	2/1/2022	**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**
(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**
	11/28/2022	<1.00	<20.0	**0.432 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	**0.443 J**
	3/9/2023	<1.00	<20.0	**12.9**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	**3.87**
	6/1/2023	<1.00	<20.0	**0.664 C3 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	**0.302 J**
	8/31/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	**2.93**
	11/30/2023	**0.221 J**	<20.0	**22.5**	<1.00	<5.00	<1.00	<1.00	**0.575 J**	**0.236 J**	<1.00	**6.56**
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
	7/27/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**15**	< 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
	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
	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
	10/17/2018	< 1.0	< 10	**1.3**	< 5.0	< 5.0	< 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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	11/28/2022	<1.00	<20.0	**0.375 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<20.0	**0.226 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<20.0	**0.190 C3 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	**0.512 J**	<20.0	**42.7**	<1.00	<5.00	<1.00 C3	<1.00	**1.78**	**0.707 J**	<1.00	**20.6**
	11/30/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	**2.18**
AMW-3	1/13/2016	**65**	< 13	< 5.0	**27**	**15**	< 5.0	< 5.0	**6.9**	< 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
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
	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
	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
	10/17/2018	**4.9**	< 10	< 1.0	**50**	< 5.0	< 1.0	< 1.0	**0.60 J**	< 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
	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
	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
	2/12/2020	**3.9**	< 5.0	< 1.0	**24**	< 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
	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
	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
	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
	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
	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
	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
	5/5/2022	**0.786 J**	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2022	**1.76**	<20.0	<1.00	**5.63**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	**1.33**	<20.0	**0.103 J**	**3.73**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	**0.910 J**	<20.0	<1.00 C3	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	**1.54**	<20.0	<1.00	**4.93**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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-7R	11/30/2023	**1.18**	<20.0	**0.151 J**	**2.33**	<5.00	<1.00	<1.00	**0.343 J**	<1.00	<1.00	<1.00
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**
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**
ASB-4	6/7/2016	< 5.0	< 13	**13**	**4.5 J**	**330**	< 5.0	**6.7**	**9**	**13**	< 5.0	**1500 E**
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**
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**
MW-18R	6/22/2016	**14**	< 25	**65**	**4.4 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/11/2018	< 20	< 50	**11 J**	**5.1 J**	< 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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	**3.60**	<20.0	**0.295 J**	**4.84**	<5.00	<1.00	<1.00	**3.06**	<1.00	<1.00	<1.00
	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
	11/29/2022	**3.72**	<20.0	**8.16**	**3.20**	<5.00	<1.00	<1.00	**3.21**	<1.00	<1.00	<1.00
	3/9/2023	**4.26**	<20.0	**1.48**	**3.74**	<5.00	<1.00	<1.00	**3.40**	<1.00	<1.00	<1.00
	5/31/2023	**1.82**	<20.0	**0.477 J**	**2.40**	<5.00	<1.00	<1.00	**1.44**	<1.00	<1.00	<1.00
	8/31/2023	**3.55**	<20.0	**34.0**	**2.68**	<5.00	<1.00	<1.00	**2.96**	<1.00	<1.00	<1.00
	11/30/2023	**3.36**	<20.0	**33.2**	**2.91**	<5.00	<1.00	<1.00	**2.50**	<1.00	<1.00	<1.00
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
	10/26/2016	< 5.0	< 13	**180**	< 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
	6/20/2016	< 1.0	< 2.5	**30**	< 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
	8/27/2017	< 4.0	< 10	**130**	< 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
	7/12/2018	< 4.0	< 10	**91**	< 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
	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
	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
	2/11/2020	< 1.0	< 5.0	**35**	< 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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	**0.170 J**	<20.0	**64.9**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**3.67**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	**0.186 J**	<20.0	**44.7**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	**0.184 J**	<20.0	**54.4 C3**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<20.0	**2.80**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	6/20/2016	< 1.0	< 2.5	26	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
(cont.)	7/5/2017	< 1.0	< 2.5	8	< 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
	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
	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
	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
	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
	12/5/2019	< 1.0	< 5.0	14	< 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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	23.5	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	21.7	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<20.0	29.7	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<20.0	4.03 C3	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<20.0	23.7	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<20.0	2.32	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	6/21/2016	< 4.0	< 10	160	1.3 J	< 4.0	< 4.0	< 4.0	< 4.0	11	< 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
	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
	10/26/2016	< 4.0	< 10	81	< 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
	10/16/2018	< 5.0	< 50	270	< 25	< 25	< 5.0	< 5.0	17	12	< 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
	9/13/2019	0.97 J [0.86 J]	<5.0 [<5.0]	210 [200]	0.63 J [0.57	< 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]
	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]
	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]
	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]
	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]
	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]
	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]
	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]
	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]
	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]
	5/4/2022	0.851 J [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]
	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]
	11/29/2022	0.587 J [0.547 J]	<20.0 [<20.0]	125 [128]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	0.625 J [0.582 J]	8.21 [7.53]	<1.00 [<1.00]	0.252 J [0.234 J]
	3/10/2023	0.543 J [<10.0]	<20.0 [<200]	136 [127]	<1.00 [<10.0]	<5.00 [<50.0]	<1.00 [<10.0]	<1.00 [<10.0]	0.643 J [<10.0]	7.77 [6.02 J]	<1.00 [<10.0]	0.289 J [<10.0]
	5/31/2023	0.746 J [<10.0]	<20.0 [<200]	152 [113]	0.669 J [<10.0]	<5.00 [<50.0]	<1.00 [<10.0]	<1.00 [<10.0]	0.878 J [<10.0]	10.1 [7.37 J]	<1.00 [<10.0]	0.359 J [<10.0]
	8/30/2023	0.570 J [<10.0]	<20.0 [<200]	147 [122]	<1.00 [<10.0]	<5.00 [<50.0]	<1.00 C3 [<10.0 C3]	<1.00 [<10.0]	0.661 J [<10.0]	7.27 [6.11 J]	<1.00 [<10.0]	0.399 J [<10.0]
	11/30/2023	0.594 J [0.540 J]	<20.0 [<20.0]	127 [129]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	0.571 J [0.526 J]	5.45 [5.43]	<1.00 [<1.00]	0.266 J [0.237 J]
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
	1/13/2016	< 5.0	< 13	250	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 2.5	140 E	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.98 J	< 1.0	< 1.0
	10/25/2016	< 4.0	< 10	120	< 4.0	120	< 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
	7/5/2017	< 8.0	< 20	220	< 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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	10/11/2017	< 2.0	< 5.0	**60**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
(cont.)	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
	10/17/2018	< 1.0	< 10	**2**	< 5.0	< 5.0	< 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
	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
	12/5/2019	< 1.0	< 5.0	**13**	< 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
	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
	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
	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**
	3/19/2021	<1.00	<20.0	**448**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.19**	<1.00	<1.00
	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
	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
	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
	5/4/2022	<1.00	<20.0	**454**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.992 J**	<1.00	<1.00
	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
	11/29/2022	**0.143 J**	<20.0	**54.4 C5 J4**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.333 J**	<1.00	<1.00
	3/10/2023	<1.00	<20.0	**42.0**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	5/31/2023	**0.115 J**	<20.0	**37.5**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<20.0	**49.5**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	**0.234 J**	<1.00	<1.00
	11/29/2023	<1.00	<20.0	**28.2**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	10/17/2018	< 1.0	< 10	**2.9**	< 5.0	< 5.0	< 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
	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
	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
	2/11/2020	< 1.0	< 5.0	**1**	< 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
	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
	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
	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
	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
	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
	11/29/2022	<1.00	<20.0	**0.165 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<20.0	**0.533 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<20.0	**0.214 J**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	6/22/2016	< 4.0	< 10	**340**	< 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
	10/25/2016	< 4.0	< 10	**390**	< 4.0	**3.6 J**	< 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
	8/27/2017	< 10	< 25	**240**	< 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
	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
	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
	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
	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
	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
	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
	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
	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
	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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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-D1	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
(cont.)	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
	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
	5/5/2022	**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
	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
	11/29/2022	**0.427 J**	<20.0	**65.3**	<1.00	<5.00	<1.00	<1.00	**0.278 J**	**0.561 J**	<1.00	<1.00
	3/10/2023	**0.476 J**	<20.0	**51.7**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	**0.804 J**	<20.0	**63.2 C3**	<1.00	<5.00	<1.00	<1.00	**0.633 J**	**0.781 J**	<1.00	<1.00
	9/1/2023	**0.705 J**	<20.0	**46.2**	<1.00	<5.00	<1.00	<1.00	**0.616 J**	**0.310 J**	<1.00	<1.00
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
	6/22/2016	< 1.0	< 2.5	**59**	< 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
	10/25/2016	< 2.0	< 5.0	**43**	< 2.0	**81**	< 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
	8/27/2017	< 8.0	< 20	< 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
	10/17/2018	< 1.0	< 10	**76**	< 5.0	< 5.0	< 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**
	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
	12/6/2019	< 1.0	< 5.0	**29**	< 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
	6/10/2020	<1.00	<20.0	**105**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	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
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
	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
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
	6/21/2016	< 1.0	< 2.5	**10**	< 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
	8/27/2017	< 2.0	< 5.0	**100**	< 2.0	**0.94 J**	< 2.0	< 2.0	< 2.0	**5**	< 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
	10/18/2018	< 1.0	< 10	**38**	< 5.0	< 5.0	< 1.0	< 1.0	**1**	< 1.0	< 1.0	**0.26 J**
	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
	9/14/2019	< 1.0	< 5.0	**33**	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	**2.3**	< 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**
	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
	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
	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
	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**
	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**
	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**
	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**
	5/5/2022	<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**
	11/29/2022	<1.00	<20.0	**0.247 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<20.0	**12.5**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.07**	<1.00	<1.00
	5/31/2023	<1.00	<20.0	**15.2**	<1.00	<5.00	<1.00	<1.00	**0.293 J**	**1.73**	<1.00	<1.00
	8/31/2023	<1.00	<20.0	**14.6**	<1.00	<5.00	<1.00	<1.00	**0.370 J**	**1.54**	<1.00	<1.00
	11/29/2023	<1.00	<20.0	**7.30**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.205 J**	<1.00	<1.00
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
	6/21/2016	**38**	< 10	**8.1**	**26**	**5.7**	< 4.0	< 4.0	**17**	< 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
	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
	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
	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

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	10/18/2018	< 1.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
(cont.)	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**16.7**	<1.00	<5.00	<1.00	<1.00	**0.424 J**	**1.92**	<1.00	**0.242 J**
	3/9/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	7/28/2016	< 10	< 25	**4.7 J**	< 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
	8/27/2017	< 4.0	< 10	**6.6**	< 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
	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
	5/9/2019	< 1.0	< 5.0	**7**	< 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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	**5.26**	<1.00	<5.00	<1.00	<1.00	**0.324 J**	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**3.34**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	**0.211 J**	<20.0	**6.58**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	**0.157 J**	<20.0	**5.74 C3**	<1.00	<5.00	<1.00	<1.00	**0.482 J**	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<20.0	**4.40**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<20.0	**0.427 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	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
	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
	8/27/2017	< 4.0	< 10	< 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
	7/13/2018	< 4.0	< 10	< 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
	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
	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
	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

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

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)
NYS Class GA Standard		5*	NE	10*	NE	5	5*	5	5	5	0.4	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	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
(cont.)	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
	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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	**0.418 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	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
	11/29/2022	<1.00	<20.0	**0.107 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<20.0	**0.239 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<20.0	**0.311 C3 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<20.0	**0.165 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	6/21/2016	**5.4**	< 2.5	**23**	**3.8**	< 1.0	< 1.0	< 1.0	**1**	< 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
	10/26/2016	**6.4**	< 2.5	**23**	**2.5**	< 1.0	< 1.0	< 1.0	**1.6**	< 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
	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
	10/12/2017	**5.8**	< 10	**20**	**1.5 J**	< 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
	10/18/2018	**16**	< 10	**33**	**11**	< 5.0	< 1.0	< 1.0	**2.8**	< 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
	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
	12/6/2019	< 1.0	< 5.0	**12**	< 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
	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
	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
	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
	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
	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
	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
	5/5/2022	<1.00	<20.0	**33**	<1.00	<5.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00
	11/29/2022	<1.00	<20.0	**15.9**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<20.0	**8.73**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<20.0	**14.1 C3**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/1/2023	<1.00	<20.0	**0.525 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/30/2023	<1.00	<20.0	**0.589 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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
	6/21/2016	< 1.0	< 2.5	**51**	< 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
	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
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
	6/22/2016	< 1.0	< 2.5	**53**	< 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
	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
	6/22/2016	< 1.0	< 2.5	**3**	< 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
	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
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
	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
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
	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

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	Volatile Organics			GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
AMW-12	1/14/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D1	6/24/2016	< 1.0	1.3	< 2.0	NA	NA	NA	NA	3,500	510 B	NA	569,000 B
	7/27/2016	< 1.0	9.9	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D2	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	2,700	740 B	NA	1100 B
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-VD	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	26,100	1100 B	NA	1100 B
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
AMW-14-D1	6/24/2016	< 1.0	1.4	< 2.0	NA	NA	NA	NA	410	370 B	NA	< 140
	7/26/2016	< 1.0	1600 E	11	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 4.0	78	3.2 J	130	< 150	< 140	1,100	4,700	48	16,90,000 ^	NA
	8/27/2017	< 4.0	7.6	< 8.0	79	< 330	200 J	550	5,200	49 B	1,730,000	NA
	10/11/2017	< 2.0	3.2	20	23	< 170	190	580	4,400	48 B	1,590,000	NA
	7/12/2018	< 8.0	< 8.0	16	42	< 660	260 J	2,000	1,600	14 B	975,000	NA
	10/17/2018	< 1.0	32	1.6 J	120 B	< 330	< 310	1,600	5,000	55 B	1,560,000	NA
	5/10/2019	< 1.0*	2.1	16	73	150 J	440	1,900	5,780	94.9	1,740,000	NA
	9/13/2019	< 1.0	9	< 2.0	150	<83	<77	3,600	3,630	70.2	1,680,000	NA
	12/5/2019	< 1.0	22	1.8 J	160	13	210	3,800	6,940	59	1,100,000	NA
	2/12/2020	< 1.0	40	5.7	100 B	160	690	3,000 B	5,170	41.1	967,000	NA
	6/10/2020	<5.00	5.59	0.780 J	43.1 T8	<13.0	86.3	3,200	1,800	33.3	1,380,000	NA
	8/19/2020	<5.00	4.74	4.86	42,500 T8	378	176	3,340	8,480	131	1,930,000	NA
	11/4/2020	<5.00	6.16	3.95	28.2 T8	816	225	5,990	3,130	22.0	986,000	NA
	3/19/2021	<5.00	25.3	3.77	61.8 P1 T8	110	661	5,200	12,500	150	1,950,000	NA
	6/2/2021	<5.00	7.18	3.61	36.4 T8	831	171	6,810	3,040	70.9	1,890,000	NA
	8/12/2021	<5.00	<1.00 J4	3.90	56.1 B T8	437	445	4,350	5,080	88.3	2,060,000	NA
	11/16/2021	<5.00	10.4	2.95 J	60.8 BT8	14.6	102	777	4,560	38.6	1,180,000	NA
	2/2/2022	<5.00	<1.00	1.38 J	40.8 T8	93.6	16.8	1,020	5,220	94.9	1,900,000	NA
	5/5/2022	<5.00	9.17	2.71 J	<20 J T8	325	251	3,850	5,910	109	2,020,000	NA
	8/24/2022	<5.00	5.48	1.14 J	84.9 B T8	250	120	3,660	5,400	76.2	1,620,000	NA
	11/29/2022	<5.00	4.80	2.89 J	67.7 B T8	381	118	5,180	2,090	19.5	1,100,000	NA
	3/9/2023	<5.00	<1.00	0.436 J	30,500 B T8	316	<13.0	3,400	672	14.4	962,000	NA
	5/31/2023	<5.00	<1.00	0.448 J	31.2 B T8	453	<13.0	6,320	1190	13.0	899,000	NA
	9/1/2023	<5.00 C3	<1.00 C3	0.340 J	22.8 B T8	141	<13.0	2,060	1,010	16.6	956,000	NA
	11/30/2023	<5.00	<1.00	<3.00	70 B T8	144	<13.0	2,410	3,040	21.8	988,000	NA
AMW-14-D2	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	6,600	510 B	NA	740 B
	7/26/2016	< 1.0	3.6	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 1.0	< 1.0	< 2.0	18	< 83	< 77	210	34 J	16 B	13,500	NA
	10/11/2017	< 1.0	< 1.0	< 2.0	100	< 170	< 150	1,200	17,300	760 B	3,260,000	NA
	7/12/2018	< 2.0	< 2.0	< 4.0	120	< 330	< 310	970	2,500	78 B	2,210,000	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	150 B	< 330	< 310	2,200	2,700	100 B	2,230,000	NA
	5/10/2019	< 1.0	0.32 J	<2.0	150	< 330	< 310	1,900	548	80.1	2,080,000	NA
	9/13/2019	< 1.0	0.65 J	<2.0	160	<83	<77	2,600	1,870	86.3	2,070,000	NA
	12/5/2019	< 1.0	0.33 J	<2.0	170	0.74 J	< 3.0	2,200	6,830	135	2,380,000	NA
	2/12/2020	< 1.0	< 1.0	<2.0	120 B	1.1 J	< 3.0	1,800 B	5,590	116	1,630,000	NA
	6/10/2020	<50.0	<10.0	4.00 J	69.7 T8	<13.0	<13.0	2,070	5,070	119	1,990,000	NA
	8/19/2020	<50.0	<10.0	<30.0	55,800 T8	<13.0	<13.0	1670	17,800	340	2,510,000	NA
	11/5/2020	<5.00	<1.00	<3.00	26.3 T8	<13.0	<13.0	1,970	3,290	104	1,950,000	NA
	3/19/2021	<5.00	<1.00	<3.00	44.6 T8	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	6/2/2021	<5.00	6.49	<3.00	47.6 T8	<13.0	<13.0	2,330	4,590	137	2,340,000	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
AMW-14-D2	8/12/2021	<5.00	<1.00	<3.00	**91.0 T8**	<13.0	<13.0	**1,670**	**1,450**	**111**	**2,410,000**	NA
(cont.)	11/16/2021	<5.00	<1.00	<3.00	**89.4 T8**	<13.0	<13.0	**255**	**5,870**	**145**	**2,310,000**	NA
	2/2/2022	<5.00	<1.00	<3.00	**103 T8**	<13.0	<13.0	**326**	**3,310**	**122**	**2,260,000**	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	**69.3 B T8**	<13.0	<13.0	**1,400**	**2,750**	**132**	**2,460,000**	NA
	8/24/2022	<5.00	<1.00	<3.00	**107 T8**	<13.0	<13.0	**558**	**467**	**70.9**	**2,010,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	**36.3 B T8**	<13.0	<13.0	**101**	**4,860**	**28.9**	**416,000**	NA
	3/9/2023	<5.00	<1.00	<3.00	**72,800 B T8**	<13.0	<13.0	**1,170**	**757**	**115**	**2,460,000**	NA
	05/31/2023	<5.00	<1.00	<3.00	**105 B T8**	<13.0	<13.0	**1,040**	**341**	**90.5**	**2,650,000**	NA
	9/1/2023	<5.00 C3	<1.00 C3	<3.00	**128 B T8**	<13.0	<13.0	**721**	**154**	**71.3**	**2,130,000**	NA
	11/30/2023	<5.00	<1.00	<3.00	**103 B T8**	<13.0	<13.0	<10.0	**1,260**	**76.8**	**2,130,000**	NA
AMW-14-VD	9/1/2023	< 1.0	< 1.0	**0.79 J**	NA	<13.0	<13.0	1,820	**28,300**	**506**	2,530,000	**427**
	9/1/2023	< 1.0	< 1.0	< 2.0	NA	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	**120**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	**100**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA
	9/1/2023	< 1.0	< 1.0	**3.2**	**82**	<13.0	<13.0	**1,820**	**28,300**	**506**	**2,530,000**	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**27**	**18,400**	**410 B**	**8,660,000**	NA
	9/1/2023	< 1.0	< 1.0	< 3.0	**110 B**	< 7.5	< 7.0	**24**	**18,500**	**390 B**	**9,100,000**	NA
	9/1/2023	<1.0	<1.0	<2.0	**130**	<7.5 H	<7.0 H	**12 H**	**14,700**	**387**	**71,50,000 B**	NA
	9/1/2023	<1.0	<1.0	<2.0	**140**	<7.5	<7.0	**20**	**15,200**	**376**	**6,810,000**	NA
	9/1/2023	<1.0	<1.0	<2.0	**130**	< 4.0	<3.0	**33**	**18,800**	**432**	**8,960,000**	NA
	9/1/2023	<1.0	<1.0	<2.0	**100 B**	< 4.0	< 3.0	**28 B**	**12,800**	**339**	**5,740,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**88.9 T8**	<13.0	<13.0	**467**	**17,600**	**381**	**8,070,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**82,100 T8**	<13.0	<13.0	**26.4**	**16700**	**389**	**8,790,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**48.6**	**18,000**	**396**	**7,940,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**82.5 T8**	<13.0	<13.0	**51.9**	**18,500**	**395**	**8,320,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**99.3 T8**	<13.0	<13.0	**52.7**	**18,900**	**396**	**8,510,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**148 T8**	<13.0	<13.0	**61.1**	**19,400**	**393**	**8,190,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**112 T8**	<13.0	<13.0	**18.4**	**20,000**	**383**	**8,670,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**138 T8**	<13.0	<13.0	**9.62 J**	**18,200**	**411**	**8,690,000**	NA
	9/1/2023	<5.00 C3J4	<1.00	<3.00	**112 B T8**	<13.0	<13.0	**31.7**	**18,600**	**401**	**8,720,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**100 B T8**	<13.0	<13.0	**15.9**	**18,500**	**375**	**7,850,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**87.3 B T8**	<13.0	<13.0	**26.3**	**16,900**	**379**	**8,400,000**	NA
	9/1/2023	<5.00	<1.00	<3.00	**116,000 B T8**	<13.0	<13.0	**25.4**	**18,700**	**399**	**9,190,000**	NA
	09/01/2023	<5.00	<1.00	<3.00	**203 T8**	<13.0	<13.0	<10.0	**17,900**	**411**	**8,270,000**	NA
	9/1/2023	<5.00 C3	<1.00 C3	<3.00	**180 T8**	<13.0	<13.0	**7.80 B J P1**	**11,000**	**261**	**5,120,000**	NA
	11/30/2023	<5.00	<1.00	<3.00	**174 T8**	<13.0	<13.0	<10.0	**21,500**	**411**	**8,380,000**	NA
AMW-15-D1	6/23/2016	< 1.0	**70**	< 2.0	NA	NA	NA	NA	**2,200**	**500 B**	NA	**602**
	7/27/2016	< 5.0	**410**	**6.5 J**	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	< 10	**600 F1**	**15 J**	NA	NA	NA	NA	**1,900 B**	**70 B**	NA	**130**
	10/26/2016	< 4.0	**240**	**5.5 J**	NA	NA	NA	NA	**95 B**	**110 B**	NA	**528**
	7/5/2017	< 4.0	**10**	< 8.0	**110**	< 150	< 140	**400**	**2,100**	**84**	**17,50,000 ^**	NA
	8/27/2017	< 4.0	**76**	**17**	**27**	**92 J**	**830**	**4,000**	**12,400**	**170 B**	**1,520,000**	NA
	10/11/2017	< 2.0	**24**	**12**	**34**	< 330	**470**	**2,400**	**6,900**	**100 B**	**17,10,000 ^**	NA
	10/17/2018	< 5.0	< 5.0	**19**	**40**	< 660	< 620	**5,100**	**3,900**	**320**	**989,000**	NA
	5/9/2019	< 1.0*	**1.1**	**6.3**	**52**	<830	<770	**3,200**	**3,340**	**335**	**1,170,000**	NA
	9/13/2019	< 1.0	**2**	**5.1**	**47**	**290 J**	**150 J**	**4,000**	**3,740**	**311**	**1,160,000**	NA
	12/5/2019	< 1.0	**2.2**	**5.8**	**39**	**490**	**550**	**6,200**	**3,550**	**243**	**1,200,000**	NA
	2/11/2020	< 1.0	< 1.0	**1.6 J**	**20 B**	**89**	**49**	**700 B**	**4,740**	**303**	**1,050,000**	NA
	6/10/2020	<25.0	<5.00	**6.20 J**	<20.0 T8	**775**	**165**	**6,590**	**512**	**150**	**1,050,000**	NA
	8/19/2020	<25.0	<5.00	**2.96 J**	<20.0 T8	**550**	**27.5**	**4,380**	**1,320**	**126**	**1,460,000**	NA
	11/4/2020	<5.00	<1.00	**1.61 J**	<20 T8	**722**	<13.0	**5,200**	**800**	**80.5**	**1,030,000**	NA
	3/19/2021	<25.0	<5.00	**5.23 J**	**23 T8**	**1,370**	**90.7**	**9,900**	**13,700**	**113**	**1,210,000**	NA
	6/2/2021	<5.00	<1.00	**1.14 J**	<20 T8	**298**	<13.0	**1,970**	**597**	**55.6**	**1,040,000**	NA
	11/16/2021	<5.00	<1.00	**2.26 J**	**25.2 BT8**	**198**	<13.0	**1,380**	**612**	**17.9**	**1,230,000**	NA

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics			GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
AMW-15-D1	2/1/2022	<5.00	<1.00	**1.29 J**	**23.9 T8**	**183**	<13.0	**1,510**	**1,150**	**26.7**	**1,280,000**	NA
(cont.)	5/5/2022	<5.00	<1.00	**0.309 J**	<20 B J T8	**291**	<13.0	**2,150**	**1,020**	**47.5**	**1,230,000**	NA
	8/24/2022	<5.00	<1.00	<3.00	<20.0 T8	**455**	<13.0	**3,630**	**1,670**	**45.7**	**912,000**	NA
	11/28/2022	<5.00	**9.20**	**0.332 J**	**40.5 B T8**	**655**	<13.0	**6,370**	**430**	**17.6**	**1,240,000**	NA
	3/10/2023	<5.00	<1.00	**0.273 J**	**44,800 B T8**	**502**	<13.0	**5,110**	**735**	**24.5**	**1,620,000**	NA
	06/01/2023	<5.00 C3	<1.00	**0.200 J**	<20.0 T8	**439**	<13.0	**5,060**	**94.9 J**	**24.6**	**1,040,000**	NA
	8/31/2023	<5.00 J3	<1.00 C3	<3.00	**47.3 B T8**	**242**	<13.0	**3,070**	**66.0 J**	**18.5 B**	**1,240,000**	NA
	11/30/2023	<5.00	<1.00	<3.00	**56.4 B T8**	<13.0	<13.0	<10.0	**2,250**	**30.3**	**760,000**	NA
AMW-15-D2	6/23/2016	< 1.0	**1.8**	< 2.0	NA	NA	NA	NA	**110**	**5.8 B**	NA	**50 B**
	6/23/2016	< 1.0	**1.7**	< 2.0	NA	NA	NA	NA	**120**	**6.3 B**	NA	**185**
	7/27/2016	< 1.0	**3.5**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	< 1.0	**4.7**	< 2.0	NA	NA	NA	NA	**50 B**	**85 B**	NA	**99.9**
	10/26/2016	< 1.0	**30**	< 2.0	NA	NA	NA	NA	< 50	**98 B**	NA	**600**
	7/5/2017	< 4.0	< 4.0	< 8.0	**98**	< 150	< 140	**430**	**700**	**110**	**20,90,000 ^**	NA
	8/27/2017	< 4.0	**300**	**12**	**94**	< 170	**37 J**	**880**	**3,500**	**140 B**	**2,200,000**	NA
	10/11/2017	< 4.0	**25**	< 8.0	**68**	< 170	< 150	**280**	**4,500**	**130 B**	**21,50,000 ^**	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	**110**	< 330	< 310	**560**	**750**	**55**	**2,130,000**	NA
	5/10/2019	< 1.0	< 1.0	<2.0	**130**	<170	<150	**520**	**328**	**72**	**2,030,000**	NA
	9/13/2019	< 1.0	**0.39 J**	<2.0	**140**	<170	<150	**680**	**493**	**54.6**	**2,030,000**	NA
	12/5/2019	< 1.0	< 1.0	<2.0	**120**	**1.3 J**	3 U	**800**	**739**	**62.7**	**1,870,000**	NA
	2/11/2020	< 1.0	< 1.0	<2.0	**97 B**	**1.9 J**	< 3.0	**690 B**	**978**	**69.9**	**1,820,000**	NA
	6/9/2020	<5.00	<1.00	**0.225 J**	**39.8 T8**	<13.0	<13.0	**920**	**595**	**75.7**	**1,580,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**46,600 T8**	<13.0	<13.0	**409**	**10,500**	**150**	**2,230,000**	NA
	11/4/2020	<5.00	<1.00	<3.00	**21.5 T8**	**6.37 J**	<13.0	**809**	**963**	**76.6**	**1,940,000**	NA
	3/19/2021	<5.00	**7.82**	<3.00	**36.2 T8**	<13.0	<13.0	**19.3**	**14,800**	**258**	**2,220,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**1,100**	**10,100**	**97.9**	**2,220,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**46.8 B T8**	<13.0	<13.0	<10.0	**1,850**	**100**	**2,010,000**	NA
	11/16/2021	<5.00	<1.00	<3.00	**46 T8**	<13.0	<13.0	**156**	**362**	**166**	**1,450,000**	NA
	2/1/2022	<5.00	<1.00	<3.00	**70.9 T8**	<13.0	<13.0	**118**	**1,450**	**102**	**1,880,000**	NA
	5/4/2022	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**763**	**4,130**	**69**	**1,220,000**	NA
	8/24/2022	<5.00	<1.00	<3.00	**96.7 B T8**	<13.0	<13.0	**418**	**4,560**	**69.6**	**1,180,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	**70.6 B T8**	<13.0	<13.0	**652**	**511**	**75.0**	**1,610,000**	NA
	3/10/2023	<5.00	<1.00	<3.00	**47,500 B T8**	<13.0	<13.0	**359**	**1,410**	**65.5**	**1,570,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**94.5 B T8**	<13.0	<13.0	**779**	**240**	**56.2**	**1,810,000**	NA
	8/31/2023	<5.00 J3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	**19.3 B**	**557**	**30.6**	**985,000**	NA
	11/30/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**4,390**	**104**	**824,000**	NA
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**98**	**250 B**	NA	**2,980,000 ^**
	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**120**	**240 B**	NA	**< 5**
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 4.0	**16**	**17**	**5.1**	< 330	< 310	**2,400**	**2,300**	**450 B**	**29,80,000 ^**	NA
	10/11/2017	< 2.0	< 2.0	< 4.0	< 5	< 170	< 150	**610**	**450**	**99 B**	**25,00,000 ^**	NA
	7/13/2018	< 2.0	< 2.0	< 4.0	**7.6**	< 330	< 310	**1,500**	**3,100**	**1,100 B**	**3,870,000**	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	**100**	< 170	< 150	**2,800**	**260**	**200**	**2,610,000**	NA
	5/10/2019	< 1.0	< 1.0	<2.0	**140**	<330	<310	**1,600**	**301**	**222**	**2,730,000**	NA
	9/13/2019	< 1.0	< 1.0	<2.0	**130**	< 170	< 150	**1,400**	**612**	**231**	**2,720,000**	NA
	12/5/2019	< 1.0	< 1.0	<2.0	**100**	< 4.0	< 3.0	**1,400**	**349**	**97.4**	**1,550,000**	NA
	2/11/2020	< 1.0	**0.57 J**	<2.0	**85 B**	**3.1 J**	< 3.0	**1,100 B**	**3,631**	**106**	**1,330,000**	NA
	6/9/2020	<5.00	<1.00	<3.00	**29.8 T8**	<13.0	<13.0	**1,340**	**1,130**	**138**	**1,690,000**	NA
	8/19/2020	<5.00	<1.00	**0.376 J**	**52,200 T8**	**19.0**	<13.0	**2,800**	**3,030**	**871**	**3,930,000**	NA
	11/4/2020	<5.00	<1.00	**0.174 J**	**23.4 T8**	<13.0	<13.0	**2,010**	**795**	**131**	**1,660,000**	NA
	3/19/2021	<5.00	**7.44**	**4.59**	<20 T8	**76.3**	**6.25 J**	**6,270**	**439**	**484**	**2,960,000**	NA
	6/1/2021	<5.00	**1.29**	**0.930 J**	<20 T8	**36.7**	<13.0	**4,700**	**657**	**628**	**3,350,000**	NA
	8/12/2021	<5.00	**4.44**	**5.08**	<20 T8	**49.4**	<13.0	**6,110**	**92.4 J**	**1.65 J**	**462,000**	NA
	11/16/2021	<5.00	**5.59**	**3.66**	<20 T8	**16.5**	<13.0	**1,910**	**584**	**8.71 J**	**479,000**	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
AMW-15-D3	2/1/2022	<5.00	**3.72**	**2.43 J**	<20.0 T8	**9.91 J**	<13.0	**1,340**	**440**	**631**	**3,100,000**	NA
(cont.)	5/5/2022	<5.00	**3.94**	**2.05 J**	<20 T8	**29.5**	<13.0	**4,050**	**622**	**52.9**	**999,000**	NA
	11/28/2022	<5.00	<1.00	<3.00	**37.9 B T8**	<13.0	<13.0	**358**	**1,310**	**514**	**2,590,000**	NA
	3/9/2023	<5.00	**0.561 J**	**0.486 J**	**88,000 B T8**	<13.0	<13.0	**1,250**	**2,220**	**1,340**	**4,330,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**60.4 B T8**	<13.0	<13.0	**356**	**1,740**	**462**	**2,200,000**	NA
	8/31/2023	<5.00 J3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	<10.0	**759**	**16.2**	**114,000**	NA
	11/30/2023	<5.00	**1.45**	**1.03 J**	**89 B T8**	**18.3**	<13.0	**2,540**	**8,350**	**1,300**	**3,880,000**	NA
AMW-15-VD	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**4,200**	**200 B**	NA	**303**
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 1.0	< 1.0	< 2.0	**31**	< 7.5	< 7.0	**24**	**11,800**	**350 B**	**8,910,000**	NA
	10/11/2017	< 1.0	< 1.0	**3**	**40**	< 7.5	< 7.0	**8**	**11,700**	**340 B**	**91,80,000 ^**	NA
	7/13/2018	< 1.0	< 1.0	< 2.0	**41**	< 7.5	< 7.0	**37**	**10,600**	**320 B**	**8,290,000**	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	**37**	< 7.5	< 7.0	**27**	**10,700**	**310**	**8,770,000**	NA
	5/10/2019	< 1.0	< 1.0	<2.0	**17**	<7.5 H	<7.0 H	**25 H**	**3,600**	**287**	**8,560,000**	NA
	9/13/2019	< 1.0	< 1.0	<2.0	**49**	<7.5	<7.0	**22**	**7,650**	**192**	**5,240,000**	NA
	12/5/2019	< 1.0	< 1.0	<2.0	**22**	< 4.0	< 3.0	**51**	**5,150**	**220**	**6,360,000**	NA
	2/11/2020	< 1.0	< 1.0	<2.0	**11 B**	< 4.0	< 3.0	**38 B**	**2,850**	**157**	**4,770,000**	NA
	6/9/2020	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**54.9**	**5,330**	**213**	**6,680,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**29,500 T8**	<13.0	<13.0	**44.9**	**6,080**	**230**	**6,370,000**	NA
	11/4/2020	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**63.3**	**4,530**	**280**	**8,440,000**	NA
	3/19/2021	<5.00	<1.00	<3.00	**21.7 T8**	<13.0	<13.0	**64.5**	**10,200**	**288**	**8,660,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	**7.310 J T8**	<13.0	<13.0	**76.2**	**663**	**12.8**	**204,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**53.2 B T8**	<13.0	<13.0	<10.0	**5,030**	**538**	**31,600**	NA
	11/16/2021	<5.00	<1.00	<3.00	**53.3 T8**	<13.0	<13.0	**42.7**	**13,300**	**281**	**8,640,000**	NA
	2/1/2022	<5.00	<1.00	<3.00	**27.6 T8**	<13.0	<13.0	**17.1**	**6,990**	**264**	**8,650,000**	NA
	5/5/2022	<5.00 C3 J4	<1.00	<3.00	**25.9 B T8**	<13.0	<13.0	<10.0	**18,800**	**363**	**8,030,000**	NA
	8/24/2022	<5.00	<1.00	<3.00	**38.6 B T8**	<13.0	<13.0	**20.5**	**15,100**	**307**	**8,330,000**	NA
	11/28/2022	<5.00	<1.00	<3.00	**30.3 B T8**	<13.0	<13.0	**39.5**	**8,060**	**300**	**4,360,000**	NA
	3/10/2023	<5.00	<1.00	<3.00	**31,100 B T8**	<13.0	<13.0	**37.3**	**5,470**	**310**	**8,520,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**44.0 B T8**	<13.0	<13.0	**38.9**	**8,550**	**311**	**8,410,000**	NA
	8/31/2023	<5.00 J3	<1.00 C3	**2.94 J**	<20 T8	**52.5**	**5.67 J**	**6,770**	**1,050**	**76.0**	**666,000**	NA
	11/30/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**2,850**	**56.5**	**26,800**	NA
AMW-3	1/13/2016	< 5.0	< 5.0	**20**	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**16,200**	**1,400 B**	NA	**351**
AMW-7R	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	**0.79 J**	NA	NA	NA	NA	**170**	**74 B**	NA	**2,900 B**
	7/11/2018	< 2.0	< 2.0	< 4.0	**82**	< 330	< 310	**3,500**	**20,000**	**2,500 B**	**199,000**	NA
	10/17/2018	< 1.0	< 1.0	**0.61 J**	**94 B**	< 330	< 310	**5,800**	**12,500**	**2,900 B**	**168,000**	NA
	5/10/2019	< 1.0	< 1.0	**1.3 J**	**94**	< 330 UH	< 310 UH	**3,100 H**	**8,080**	**2,770**	**105,000**	NA
	9/14/2019	< 1.0	< 1.0	< 2.0	**110**	<170	<150	**3,600**	**6,840**	**2,770**	**95,700**	NA
	12/6/2019	< 1.0	< 1.0	**0.73 J**	**47**	**1.6 J**	< 3.0	**6,200**	**4,790**	**1,420**	**93,300**	NA
	2/12/2020	< 1.0	< 1.0	**0.86 J**	**52 B**	**2.4 J**	< 3.0	**5,500 B**	**24,900**	**2,730**	**86,900**	NA
	6/9/2020	<5.00	<1.00	**1.66 J**	**38.1 T8**	<13.0	<13.0	**9,370**	**16,000**	**2,270**	**93,200**	NA
	8/19/2020	<5.00	<1.00	**0.990 J**	**46.3 T8**	<13.0	<13.0	**3550**	**94900**	**3080**	**113,000**	NA
	11/6/2020	<5.00	<1.00	**0.241 J**	**44.3 T8**	**4.44 J**	<13.0	**7,880**	**33,200**	**3,500**	**111,000**	NA
	3/19/2021	<5.00	<1.00	<3.00	**32.1 T8**	<13.0	<13.0	**7,700**	**35,500**	**2,390**	**234,000**	NA
	6/2/2021	<5.00	<1.00	**2.53 J**	**36.4 T8**	<13.0	<13.0	**10,100**	**21,800**	**2,160**	**168,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**71.3 T8**	<13.0	<13.0	**4,930**	**8,720**	**2,450**	**193,000**	NA
	11/16/2021	<5.00	<1.00	<3.00	**65.1 T8**	<13.0	<13.0	**2,830**	**3,360**	**1,640**	**108,000**	NA
	5/5/2022	<5.00 C3J4	<1.00	**0.285 J**	**46.3 B T8**	<13.0	<13.0	**4,220**	**3,990**	**2,400**	**92,300**	NA
	11/29/2022	<5.00	<1.00	**1.22 J**	<20.0 T8	<13.0	<13.0	**6,830**	**10,700**	**2,000**	**97,800**	NA
	3/10/2023	<5.00	<1.00	**2.98 J**	**23,000 B T8**	<13.0	<13.0	**5,390**	**5,490**	**1,320**	**91,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**55.4 B T8**	<13.0	<13.0	**1,790**	**4,270**	**1,150**	**99,700**	NA
	8/31/2023	<5.00 C3	<1.00 C3	**0.342 J**	**51.5 B T8**	<13.0	<13.0	**6,250**	**2,250**	**1,960**	**87,200**	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

			Volatile Organics		GC Volatiles - RSK-175				Inorganics			
Location ID	Date Sampled	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
AMW-7R	11/30/2023	<5.00	<1.00	**5.71**	**24 B T8**	<13.0	<13.0	**10,000**	**4,880**	**829**	**87,200**	NA
ASB-2	6/6/2016	< 1.0	**6**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
ASB-3	6/8/2016	< 1.0	**81**	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
ASB-4	6/7/2016	< 5.0	**400**	**36**	NA	NA	NA	NA	NA	NA	NA	NA
ASB-5	6/2/2016	< 1.0	**11**	**0.89 J**	NA	NA	NA	NA	NA	NA	NA	NA
ASB-7	6/2/2016	< 2.0	**31**	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-18R	6/22/2016	< 10	< 10	< 20	NA	NA	NA	NA	**11,500 B**	**470 B**	NA	**20,000 B**
	7/11/2018	< 20	< 20	< 40	**2.2 J**	< 660	< 620	**3,800**	**1,400**	**17 B**	**161,000**	NA
	10/17/2018	< 5.0	< 5.0	**5.2 J**	**11 B**	< 660	< 620	**9,700**	**450**	**26 B**	**193,000**	NA
	9/14/2019	< 1.0	< 1.0	**7.1**	**32**	<660	<620	**13,000**	**11,700**	**110**	**310,000**	NA
	12/5/2019	< 1.0	< 1.0	**5.2**	**3 J**	**21**	**0.81 J**	**16,000**	**3,100**	**30.8**	**323,000**	NA
	2/12/2020	< 1.0	< 1.0	< 2.0	**3.9 J B**	< 4.0	< 3.0	**89**	**9,770**	**49.9**	**45,100**	NA
	6/9/2020	<25.0	<5.00	**5.52 J**	<20.0 T8	**8.80 J**	<13.0	**5,640**	**5,240**	**28.9**	**204,000**	NA
	3/19/2021	<5.00	<1.00	**4.41**	<20 T8	**19**	<13.0	**8,840**	**1,450**	**11.7**	**191,000**	NA
	6/2/2021	<5.00	<1.00	**1.50 J**	<20 T8	<13.0	<13.0	**5,700**	**1,270**	**18.5**	**362,000**	NA
	8/12/2021	<5.00	<1.00 J4	**5.64**	**42.3 B T8**	**13.5**	<13.0	**12,300**	**1,250**	**59.9**	**609,000**	NA
	11/16/2021	<5.00	<1.00	**7.81**	**30.8 BT8**	<13.0	<13.0	**2,660**	**553**	**42.6**	**507,000**	NA
	2/2/2022	<5.00	<1.00	**3.73**	--	<13.0	<13.0	**1,630**	--	--	--	NA
	5/5/2022	<5.00 C3J4	<1.00	**5.55**	<20 T8	<13.0	<13.0	**8,600**	**2,780**	**21.9**	**245,000**	NA
	8/25/2022	<5.00	<1.00	**2.60 J**	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/2022	<5.00	<1.00	**5.73**	<20.0 T8	<13.0	<13.0	**11,600**	**631**	**19.4**	**442,000**	NA
	3/9/2023	<5.00	<1.00	**5.85**	<20,000 T8	**14.5**	<13.0	**10,400**	NA	NA	NA	NA
	5/31/2023	<5.00	<1.00	**2.41 J**	NA	<13.0	<13.0	**3,600**	**932**	**9.38 J**	**115,000**	NA
	8/31/2023	<5.00 C3	<1.00 C3	**5.60**	**91.5 B T8**	**11.5 J**	<13.0	**12,400**	**2,200**	**47.6**	**280,000**	NA
	11/30/2023	<5.00	<1.00	**4.95**	<20 T8	**8.75 J**	<13.0	**9,040**	**1,920**	**20.5**	**125,000**	NA
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	< 50	**21 B**	NA	**555**
	10/26/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	**240 B**	**670 B**	NA	**525**
	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/20/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**660**	**690 B**	NA	**485**
	7/5/2017	< 4.0	< 4.0	< 8.0	**82**	< 150	< 140	**150**	**17,100**	**3,100**	**11,90,000 ^**	NA
	8/27/2017	< 4.0	< 4.0	< 8.0	**75**	< 83	< 77	**1,500**	**33,900**	**2200 B**	**11,90,000 ^**	NA
	10/12/2017	< 4.0	< 4.0	< 8.0	**55**	< 170	< 150	**1,300**	**3,800**	**1000 B**	**12,30,000 ^**	NA
	7/12/2018	< 4.0	< 4.0	< 8.0	**64**	< 330	< 310	**4,800**	**4,300**	**810 B**	**1,360,000**	NA
	10/17/2018	< 1.0	**1**	< 3.0	**63**	< 660	< 620	**3,600**	**1,900**	**930**	**1,220,000**	NA
	9/13/2019	< 1.0	**0.26 J**	< 2.0	**68**	<83	<77	**1,400**	**1,460**	**636**	**971,000**	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	**660**	**8.2**	< 3.0	**2,100**	**2,020**	**852**	**389,000**	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	**10 B**	**3.3 J**	< 3.0	**770 B**	**2,650**	**191**	**474,000**	NA
	6/10/2020	<5.00	<1.00	**0.190 J**	**29.6 T8**	**6.78 J**	<13.0	**1,560**	**1,430**	**511**	**1,240,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**41,200 T8**	**6.95 J**	<13.1	**1,780**	**6,320**	**1,260**	**1,300,000**	NA
	11/5/2020	<5.00	<1.00	<3.00	**23.9 T8**	**7.51 J**	<13.0	**2,040**	**3,260**	**1,050**	**1,300,000**	NA
	3/19/2021	<5.00	<1.00	<3.00	**29.3 T8**	<13.0	<13.0	**303**	**105,000**	**4,350**	**1,310,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	**22.3 T8**	<13.0	<13.0	**876**	**5,830**	**1,660**	**1,280,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**30.8 B T8**	<13.0	<13.0	**944**	**2,970**	**973**	**1,320,000**	NA
	11/16/2021	<5.00	<1.00	<3.00	**39.1 BT8**	<13.0	<13.0	**225**	**3,070**	**1,120**	**770,000**	NA
	2/2/2022	<5.00	<1.00	<3.00	**48.6 T8**	<13.0	<13.0	**195**	**11,400**	**1,090**	**1,340,000**	NA
	5/5/2022	<5.00	<1.00	<3.00	**47.1 B T8**	<13.0	<13.0	**328**	**5,870**	**926**	**1,390,000**	NA
	8/25/2022	<5.00	<1.00	<3.00	**21.9 B T8**	**9.18 J**	<13.0	**1,160**	**1,450**	**1,270**	**1,170,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**189**	**1,730**	**120**	**34,000**	NA
	3/9/2023	<5.00	<1.00	<3.00	**58,200 B T8**	<13.0	<13.0	**676**	**5,640**	**472**	**1,430,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**21.8 B T8**	<13.0	<13.0	**938**	**426**	**346**	**818,000**	NA
	8/31/2023	<5.00 C3	<1.00 C3	<3.00	**41.5 B T8**	<13.0	<13.0	**65.6**	**267**	**554**	**1,200,000**	NA
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-23-D2R	6/20/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	40 J	110 B	NA	543
(cont.)	7/5/2017	< 1.0	< 1.0	< 2.0	130	< 38	< 35	73	4,400	210	21,90,000 ^	NA
	8/27/2017	< 4.0	< 4.0	< 8.0	110	< 83	< 77	360	1,800	170 B	19,30,000 ^	NA
	10/12/2017	< 1.0	1.2	< 2.0	100	< 170	< 150	200	2,800	140 B	25,70,000 ^	NA
	7/12/2018	<1.0	<1.0	<2.0	32	< 170	< 150	290	1,660	279	1,930,000	NA
	5/9/2019	< 1.0	< 1.0	< 2.0	32	< 170	< 150	290	1,660	279	1,930,000	NA
	9/13/2019	< 1.0	< 1.0	< 2.0	140	< 170	< 150	700	25,700	2,350	1,600,000	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	69	2.9 J	< 3.0	1,500	26,100	2,120	1,410,000	NA
	8/19/2020	<5.00	<1.00	<3.00	54,100 T8	<13.0	<13.0	1,190	46,200	290	2,340,000	NA
	11/5/2020	<5.00	<1.00	<3.00	32.6 T8	<13.0	<13.0	1,020	12,700	2,830	1,900,000	NA
	3/18/2021	<5.00	<1.00	<3.00	53.5 T8	<13.0	<13.0	61	8,940	139	2,220,000	NA
	6/2/2021	<5.00	<1.00	<3.00	61.5 T8	<13.0	<13.0	878	1,520	267	2,010,000	NA
	8/12/2021	<5.00	<1.00	<3.00	35.9 B T8	<13.0	<13.0	1,070	1,380	1,550	1,560,000	NA
	11/16/2021	<5.00	<1.00	<3.00	72 T8	<13.0	<13.0	421	2,140	1,510	1,710,000	NA
	2/2/2022	<5.00	<1.00	<3.00	92.6 T8	<13.0	<13.0	389	953	1,400	1,620,000	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	79.8 B T8	<13.0	<13.0	1,310	803	1,240	1,180,000	NA
	8/25/2022	<5.00	<1.00	<3.00	30.4 B T8	<13.0	<13.0	1,330	2,530	761	868,000	NA
	11/29/2022	<5.00	<1.00	<3.00	37.5 B T8	NA	NA	NA	863	894	1,380,000	NA
	3/9/2023	<5.00	<1.00	<3.00	NA	<13.0	<13.0	625	NA	NA	NA	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	<20.0 T8	<13.0	<13.0	172	2,740	662	966,000	NA
	8/31/2023	<5.00 C3	<1.00 C3	<3.00	25.3 B T8	<13.0	<13.0	721	872	136	767,000	NA
	11/30/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	744	3,090	258	1,260,000	NA
MW-24-D1R	1/13/2016	< 5.0	99	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 4.0	35	9.3	NA	NA	NA	NA	32 J	60 B	NA	550 J
	10/26/2016	< 1.0	33	7.2	NA	NA	NA	NA	< 50	49 B	NA	526
	10/26/2016	< 1.0	15	6.6	NA	NA	NA	NA	58 B	8.9 B	NA	324
	10/26/2016	< 4.0	< 4.0	< 8.0	NA	NA	NA	NA	24 J B	59 B	NA	577
	7/12/2018	< 8.0	160	29	67	130 J	1,100	5,900	10,100	120 B	2,140,000	NA
	10/16/2018	< 5.0	22	25	59	< 660	550 J	6,000	2,900	91	1,070,000	NA
	5/9/2019	< 1.0	1.5	3.6	98	< 330	< 310	1,600	4,120	79.6	1,720,000	NA
	9/13/2019	< 1.0 [<1.0]	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
	12/5/2019	< 1.0 [<1.0]	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
	2/11/2020	< 1.0 [<1.0]	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
	6/9/2020	<25.0 [<25.0]	2.86 J [<5.00]	31.1 [34.4]	47.8 T8 [38.3 T8]	419 [549]	230 [147]	5,930 [6,460]	1,290 [2,340]	22.6 [40.8]	15,50,000 [16,50,000]	NA
	8/19/2020	<25.0 [<25.0]	<5.00 [<5.00]	26.9 [26.3]	47,000 T8 [46,300 T8]	589 [566]	116 [111]	6,530 [6,280]	674 [819]	9.41 J [14.6]	14,40,000 [14,70,000]	NA
	11/5/2020	<25.0 [<25.0]	<5.00 [<5.00]	24.1 [18.6]	57.2 T8 [48.7 T8]	794 [609]	274 [219]	12,600 [9,970]	486 [631]	9.69 J [10.4]	1,430,000 [1,420,000]	NA
	3/19/2021	<5.00 [<25.0]	<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
	6/1/2021	<5.00 [<25.0 C3]	1.06 [2.21 C3 J]	20.2 [18.0]	38.9 T8 [26.2 T8]	480 [451]	145 [139]	7,940 [6,890]	722 [2,570]	12.4 [39.2]	1,480,000 [1,560,000]	NA
	11/16/2021	<5.00 [<5.00]	<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]
	2/2/2022	<5.00 [<5.00]	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]
	5/4/2022	<5.00 [<5.00 C3 J4]	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]
	8/24/2022	<5.00 [<5.00]	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]
	11/29/2022	<5.00 [<5.00]	5.16 [<1.00]	7.14 [6.65]	49.2 B T8 [48.6 B T8]	245 [203]	75.8 [53.3]	5,770 [4,490]	3,410 [5,450]	34.4 [56.6]	1,360,000 [1,340,000]	NA
	3/10/2023	<5.00 [<50.0]	<1.00 [<10.0]	7.30 [5.77 J]	59,100 B T8 [57,400 B T8	225 [209]	99.8 [93.8]	5,990 [5,460]	2,770 [8,930]	50.8 [115]	1,500,000 [1,550,000]	NA
	5/31/2023	<5.00 [<50.0]	<1.00 [<10.0]	10.6 [8.45 J]	64.1 B T8 [56.3 B T8]	229 [159]	104 [117]	6,450 [5,350]	510 [714]	15.2 [24.1]	1,720,000 [1,610,000]	NA [NA]
	8/30/2023	<5.00 J3 [<50.0 J3]	1.00 C3 [<10.0 C3	7.77 [6.13 J]	92.0 T8 [72.2 B T8]	203 [102]	76.4 [52.7]	5,410 [3,460]	210 [1,580]	11.4 [44.0]	1,440,000 [1,560,000]	NA
	11/30/2023	<5.00 [<5.00]	0.799 J [0.783 J]	6.04 [5.56]	70.9 B T8 [67.6 B T8]	156 [149]	56.6 [55.0]	4,110 [3,970]	925 [2,680]	19.8 [52.1]	1,470,000 [1,580,000]	NA [NA]
MW-24-D2	1/13/2016	< 5.0	180	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/2016	< 5.0	170	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	38	< 2.0	NA	NA	NA	NA	40 J	55 B	NA	298,000 B
	10/25/2016	< 4.0	20	< 8.0	NA	NA	NA	NA	49 J	62	NA	512
	10/25/2016	< 5.0	280 F1	< 10	NA	NA	NA	NA	< 50	56	NA	759
	7/5/2017	< 8.0	250 F1	< 16	130	< 150	< 140	130	1,800	88	25,20,000 ^	NA
	8/27/2017	< 8.0	72	< 16	110	< 170	< 150	980	6,600	160 B	2,260,000	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			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-24-D2	10/11/2017	< 2.0	18	< 4.0	54	< 170	< 150	410	5,500	140 B	23,80,000 ^	NA
(cont.)	7/12/2018	< 2.0	< 2.0	< 4.0	15	< 7.5	< 7.0	44	1,100	33 B	94,900	NA
	10/17/2018	< 1.0	0.23 J	< 3.0	5.7	< 170	< 150	370	610	32	1,08,000 ^	NA
	5/9/2019	< 1.0	< 1.0	< 2.0	5.0	< 7.5	< 7.0	< 4.0	391	7.7 J	100,000	NA
	9/13/2019	< 1.0	< 1.0	< 2.0	15.0	< 7.5	< 7.0	< 4.0	2,160	35.6	81,400	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	26	1.5 J	0.57 J	270	2,090	58.7	366,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	8 B	2.7 J	< 3.0	210 B	1,450	22.2	349,000	NA
	6/9/2020	<5.00	0.269 J	<3.00	<20.0 T8	25.3	<13.0	2,180	380	24.8	471,000	NA
	8/18/2020	<5.00	<1.00	<3.00	<20,000 T8	13.7	<13.0	1,200	436	32.8	518,000	NA
	11/5/2020	<5.00	<1.00	<3.00	<20 J T8	57.4	<13.0	5,720	491	36.4	819,000	NA
	3/19/2021	<5.00	<1.00	<3.00	24.7 T8	44.7	<13.0	4,500	1,960	51.9	1,210,000	NA
	6/1/2021	<5.00	<1.00	<3.00	22.5 T8	24.8	<13.0	1,920	1,480	56.0	1,470,000	NA
	11/16/2021	<5.00	<1.00	0.180 J	<20 JT8	<13.0	<13.0	1,400	556	22.4	453,000	NA
	2/2/2022	<5.00	<1.00	<3.00	22.8 T8	6.08 J	<13.0	350	355	60.2	1,680,000	NA
	5/4/2022	<5.00 C3 J4	<1.00	<3.00	51.2 B T8	27.6	<13.0	2,540	387	65.2	2,200,000	NA
	8/24/2022	<5.00	<1.00 J4	<3.00	89.7 B T8	<13.0	<13.0	267	1,850	61.7	1,870,000	--
	11/29/2022	<5.00	<1.00	<3.00	90.6 B T8	<13.0	<13.0	1,310	830	62.8	2,010,000	NA
	3/10/2023	<5.00	<1.00	<3.00	103,000 B T8	<13.0	<13.0	1,320	828	65.0	2,110,000 V	NA
	5/31/2023	<5.00	<1.00	<3.00	87.2 B T8	<13.0	<13.0	1,180	1,840	65.7	1,870,000	NA
	8/30/2023	<5.00 J3	<1.00 C3	<3.00	110 T8	8.16 J	<13.0	1,460	1,990	62.6	2,020,000	NA
	11/29/2023	<5.00	<1.00	<3.00	74 B T8	5.10 J	<13.0	1,020	1,650	72.2	2,070,000	NA
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 8.0	89	2.1 J	2.3 J	160	37900	910 B	8,960,000	NA
	10/17/2018	< 1.0	0.55 J	< 3.0	79	< 7.5	< 7.0	120	26,100	740	8,730,000	NA
	5/9/2019	< 1.0	0.40 J	< 2.0	92	< 83	< 77	13 J	25,200	597	6,100,000	NA
	9/13/2019	< 1.0	0.35 J	< 2.0	92	<7.5	<7.0	26	8,910	235	2,520,000	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	3.8 J	< 4.0	1.7 J	28	36,500	694	9,030,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	85 B	< 4.0	<3.0	40 B	31,500	523	7,000,000	NA
	6/9/2020	<5.00	<1.00	<3.00	57.7 T8	<13.0	<13.0	77.0	37,100	454	7,320,000	NA
	8/18/2020	<5.00	<1.00	<3.00	75,500 T8	<13.0	<13.0	55.8	44,900	578	8,910,000	NA
	11/5/2020	<5.00	<1.00	<3.00	28.5 T8	<13.0	<13.0	68.1	45,100	588	8,850,000	NA
	3/19/2021	<5.00	<1.00	<3.00	81.7 T8	<13.0	<13.0	87.1	63,900	687	8,250,000	NA
	6/1/2021	<5.00	<1.00	<3.00	45.7 T8	<13.0	<13.0	56.0	53,700	574	8,160,000	NA
	11/16/2021	<5.00	<1.00	<3.00	<20 JT8	<13.0	<13.0	47.1	1,130	7.12 J	47,300	NA
	11/29/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	27.8	403	6.13 J	178,000	NA
	3/10/2023	<5.00	<1.00	<3.00	<20,000 T8	<13.0	<13.0	<10.0	3,290	25.2	293,000	NA
	5/31/2023	<5.00	<1.00	<3.00	51.5 B T8	<13.0	<13.0	36.6	26,100	369	8,300,000	NA
	8/30/2023	<5.00 J3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	<10.0	5,380	91.1	1,820,000	NA
	11/29/2023	<5.00	<1.00	<3.00	20.4 B T8	<13.0	<13.0	<10.0	14,600	241	5,150,000	NA
MW-26-D1	1/12/2016	< 5.0	16	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 4.0	20	< 8.0	NA	NA	NA	NA	< 50	35 B	NA	569,000 B
	10/25/2016	< 10	18	< 20	NA	NA	NA	NA	< 50	25	NA	479
	10/25/2016	< 4.0	51	< 8.0	NA	NA	NA	NA	< 50	37	NA	591
	7/5/2017	< 10	28	< 20	120	< 150	< 140	250	230	41	15,70,000 ^	NA
	8/27/2017	< 10	< 10	< 20	95	< 170	< 150	1,200	640	48 B	1,500,000	NA
	10/11/2017	< 2.0	< 2.0	< 4.0	10	< 7.5	< 7.0	10	190	75 B	304,000	NA
	7/13/2018	< 2.0	13	< 4.0	110	< 330	< 310	2,900	320	35 B	1,640,000	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	65 B	< 170	< 150	1,800	280	24 B	1,510,000	NA
	9/13/2019	< 1.0	19	< 2.0	79	< 170	< 150	4,100	93.9 J	19.2	1,400,000	NA
	12/6/2019	< 1.0	12	< 2.0	64	5.3	21	2,400	364	18	1,260,000	NA
	2/11/2020	< 1.0	26	< 2.0	45 H B	4.9	21	1,900 B	1,080	25.6	1,440,000	NA
	6/10/2020	<5.00	79.3	1.74 J	72.0 T8	15.0	65.8	3,260	553	21.4	1,300,000	NA
	8/19/2020	<5.00	39	1.02 J	34,800 T8	7.93 J	23.2	2,030	1,340	31.4	1,370,000	NA
	11/6/2020	<5.00	38.8 C5	0.793 J	58.2 T8	12.7 J	39.2	2,820	554	21.4	1,360,000	NA
	6/2/2021	<5.00	62.4	2.02 J	69.9 T8	31.9	113	3,910	805	28.3	1,320,000	NA

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-26-D1	8/12/2021	<5.00	38.6 C5 J4	1.11 J	46 B T8	25.3	98.1	3,810	544	32.9	1,150,000	NA
(cont.)	11/16/2021	<5.00	6.74	1.37 J	53 BT8	7.03 J	8.37 J	872	335	17.9	1,320,000	NA
	2/2/2022	<5.00	2.66	1.13 J	53.8 T8	<13.0	<13.0	1,430	152 B	15.9	1,340,000	NA
	5/5/2022	<5.00	4.64	6.03	89.2 B T8	19.8	16.3	4,490	166	25.4	1,340,000	NA
	8/25/2022	<5.00	3.05	5.51	34.6 B T8	34.5	17.2	6,040	181	39.0	1,320,000	NA
	11/29/2022	<5.00	2.12	3.19	53.0 B T8	35.2	<13.0	9,050	510	111	1,270,000	NA
	3/10/2023	<5.00	<1.00	4.18	69,500 B T8	<13.0	<13.0	4,120	502	43.3	1,260,000	NA
	6/1/2023	<5.00 C3	2.21	6.87	88.1 B T8	41.8	<13.0	7,310	1,230	229	1,330,000	NA
	9/1/2023	<5.00 C3	<1.00 C3	6.09	85.4 B T8	21.1	<13.0	5,830	2,950	244	1,030,000	NA
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	1.2	< 2.0	NA	NA	NA	NA	490 B	700 B	NA	344
	10/25/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	55	63	NA	NA
	10/25/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	< 50	140	NA	653
	7/5/2017	< 1.0	< 1.0	< 2.0	130	< 7.5	< 7.0	76	970	420	39,30,000 ^	NA
	8/27/2017	< 8.0	< 8.0	< 16	110	< 83	< 77	92	970	310 B	3,370,000	NA
	10/11/2017	< 1.0	< 1.0	< 2.0	55	< 170	< 150	670	1,100	160 B	2,770,000	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	110 B	< 170	< 150	1,100	150	52 B	2,190,000	NA
	5/9/2019	< 1.0	1.5	< 2.0	130	< 660	< 620	750	466	75.2	2,420,000	NA
	9/13/2019	1.0 U	< 1.0	< 2.0	150	<83	<77	1,000	207	65.6	2,270,000	NA
	12/6/2019	< 1.0	< 1.0	< 1.0	140	1.1 J	< 3.0	1,300	54.4 J	59.8	2,340,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	83 B	0.8 J	< 3.0	710 B	348	88.8	2,500,000	NA
	6/10/2020	<5.00	<1.00	0.218 J	57.8 T8	<13.0	<13.0	1,340	84.3 J	68.3	2,190,000	NA
	8/19/2020	<5.00	<1.00	<3.00	47.9 T8	<13.0	<13.0	360	402	99.5	2,280,000	NA
	11/16/2021	<5.00	<1.00	<3.00	<20 J T8	<13.0	<13.0	35	1,310	1,300	2,320,000	NA
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	74,000 B	2,600 B	NA	61 B
MW-27-D1R	1/13/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	0.97 J	< 2.0	NA	NA	NA	NA	430	200 B	NA	51,600
	7/5/2017	< 2.0	28	< 4.0	26	< 380	< 350	550	2,800	56	11,30,000 ^	NA
	8/27/2017	< 2.0	110	< 4.0	100	< 170	< 150	1,100	1,300	330 B	960,000	NA
	7/13/2018	< 2.0	88	< 4.0	140	< 660	< 620	3,700	8,200	170 B	1,690,000	NA
	10/18/2018	< 1.0	70	< 3.0	150 B	< 170	< 150	3,900	2,100	61 B	1,770,000	NA
	5/10/2019	< 1.0	17	< 2.0	97	< 83	< 77	1,600	51,600	456	1,900,000	NA
	9/14/2019	< 1.0	25	1.2 J	170	<330	<310	1,600	12,800	161	2,090,000	NA
	12/5/2019	1.0 U	61	1.6 J	170	5.5	40	2,600	1,310	51.9	1,920,000	NA
	8/19/2020	<25.0	33.6	1.12 J	55,300 T8	<13.0	19.9	1,530	10,600	156	2,710,000	NA
	11/6/2020	<25.0	26.0 C5	<15.0	83.4 T8	<13.0	27.8	2,010	10,900	176	2,140,000	NA
	3/20/2021	<5.00	26.9	0.593 J	56.6 T8	9.14 J	39.4	3,920	8,780	150	2,160,000	NA
	6/2/2021	<5.00	45.5	1.05 J	88.9 T8	<13.0	46.0	2,310	59,600	622	2,230,000	NA
	8/12/2021	<5.00	23.9	0.820 J	103 T8	6.78 J	42.1	2,260	6,400	138	2,120,000	NA
	11/17/2021	<5.00	43.7	1.67 J	94.5 B T8	<13.0	10.7 J	361	684	57.9	2,270,000	NA
	2/2/2022	<5.00	27.1	0.515 J	109 T8	<13.0	6.14 J	376	3,770	100	2,150,000	NA
	5/5/2022	<5.00	27.9	0.846 J	80 B T8	6.43 J	34.9	1,540	3,380	94.5	2,230,000	NA
	11/29/2022	<5.00	<1.00	<3.00	93.2 B T8	<13.0	<13.0	684	3,650	343	2,510,000	NA
	3/9/2023	<5.00	11.1	0.489 J	124,000 B T8	<13.0	20.3	1,340	371	50.1	2,290,000	NA
	5/31/2023	<5.00	22.2	0.643 J	96.9 B T8	<13.0	22.5	1,110	79.4 J	46.1	2,160,000	NA
	8/31/2023	<5.00 C3	15.5 C3	0.829 J	122 B T8	4.99 J	14.3	705	135	48.0	2,120,000	NA
	11/29/2023	<5.00	<1.00	<3.00	86.5 B T8	<13.0	<13.0	223	993	54.7	2,120,000	NA
MW-27-D2	1/13/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 4.0	< 4.0	68	NA	NA	NA	NA	1,300	38 B	NA	940 B
	7/5/2017	< 1.0	< 1.0	< 2.0	130	< 75	< 70	53	12,400	550	26,90,000 ^	NA
	8/27/2017	< 1.0	< 1.0	< 2.0	100	< 83	< 77	180	11,600	1,200 B	31,40,000 ^	NA
	10/12/2017	< 1.0	< 1.0	< 2.0	81	< 170	< 150	350	9,500	1,700 B	44,60,000 ^	NA
	7/13/2018	< 4.0	< 4.0	< 8.0	140	< 330	< 310	1,500	4,600	340 B	2,530,000	NA

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-27-D2	10/18/2018	< 1.0	< 1.0	< 3.0	**130 B**	< 170	< 150	**1,200**	**2,800**	**940 B**	**3,580,000**	NA
(cont.)	5/10/2019	< 1.0	< 1.0	< 2.0	**66**	< 170	< 150	**310**	**902**	**197**	**505,000**	NA
	9/14/2019	< 1.0	< 1.0	< 2.0	**150**	< 170	< 150	**1,200**	**4,080**	**272**	**1,120,000**	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	**150**	< 4.0	< 3.0	**1,600**	**1,190**	**174**	**1,620,000**	NA
	2/12/2020	< 1.0	< 1.0	< 2.0	**110 B**	< 4.0	< 3.0	**910 B**	**1,920**	**230**	**1,940,000**	NA
	6/10/2020	<5.00	<1.00	**0.181 J**	**98.7 T8**	<13.0	<13.0	**1,100**	**887**	**97.6**	**1,880,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**75,400 T8**	<13.0	<13.0	**876**	**747**	**199**	**2,470,000**	NA
	11/6/2020	<5.00	<1.00	<3.00	**60.9 T8**	<13.0	<13.0	**408**	**1,360**	**996**	**3,260,000**	NA
	3/20/2021	<5.00	<1.00	<3.00	**93.9 T8**	<13.0	<13.0	**907**	**10,600**	**1,610**	**4,090,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	**56.2 T8**	<13.0	<13.0	**794**	**12,700 O1**	**1,600 O1**	**4,510,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**127 T8**	<13.0	<13.0	**180**	**9,250**	**1,600**	**4,250,000**	NA
	11/17/2021	<5.00	<1.00	<3.00	**141 T8**	<13.0	<13.0	**88.7**	**5,380**	**1,280**	**3,690,000**	NA
	2/2/2022	<5.00	<1.00	<3.00	**134 T8**	<13.0	<13.0	**104**	**12,200**	**1,680**	**4,350,000**	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	**85.5 B T8**	<13.0	<13.0	**411**	**14,300**	**1,710**	**4,710,000**	NA
	8/25/2022	<5.00	<1.00	<3.00	**60.9 B T8**	<13.0	<13.0	**412**	**8,410**	**1,540**	**3,560,000**	NA
	11/29/2022	<5.00	**17.4**	**0.817 J**	**47.0 B T8**	<13.0	**27.6**	**1,870**	**431**	**46.5**	**2,120,000**	NA
	3/9/2023	<5.00	<1.00	<3.00	**153,000 T8**	<13.0	<13.0	**389**	**9,230**	**1,560**	**4,010,000**	NA
	5/31/2023	<5.00	<1.00	<3.00	**149 T8**	<13.0	<13.0	**240**	**2,020**	**1,170**	**3,430,000**	NA
	8/31/2023	<5.00 C3	<1.00 C3	<3.00	**111 T8**	<13.0	<13.0	**6.85 B J**	**3,550**	**928**	**2,550,000**	NA
	11/29/2023	<5.00	<1.00	<3.00	**158 T8**	<13.0	<13.0	<10.0	**13,800**	**1,550**	**4,220,000**	NA
MW-28-D1	6/24/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**79**	**68 B**	NA	**667,000**
	7/28/2016	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 1.0	< 1.0	< 2.0	**51**	< 150	< 140	**290**	**3,600**	**67**	**418,000 ^**	NA
	8/27/2017	< 4.0	< 4.0	< 8.0	**15**	< 170	< 150	**1,000**	**740**	**19 B**	**10,40,000 ^**	NA
	10/11/2017	< 4.0	< 4.0	< 8.0	**3.8 J**	< 170	< 150	**520**	**950**	**27 B**	**998,000**	NA
	10/17/2018	< 1.0	< 1.0	**2.6 J**	**8.9 B**	< 330	< 310	**1,500**	**980**	**22 B**	**386,000**	NA
	5/9/2019	< 1.0	< 1.0	**0.47 J**	**120**	< 660	< 620	**1,300**	**2,480**	**89**	**1,940,000**	NA
	9/13/2019	< 1.0	**1.0**	**2.2**	**160**	<170	<150	**1,600**	**511**	**63.1**	**1,970,000**	NA
	12/5/2019	< 1.0	**0.68 J**	**1.9 J**	**75**	**33**	**15**	**2,500**	**169**	**10.4 J**	**874,000**	NA
	2/11/2020	< 1.0	**1.7**	**3**	**73 B**	**25**	**11**	**1,800 B**	**253**	**49.4**	**1,160,000**	NA
	6/9/2020	<5.00	**0.625 J**	**3.11**	**26.5 T8**	**12.2 J**	<13.0	**1,140**	**226**	**47.8**	**1,360,000**	NA
	8/19/2020	<5.00	<1.00	**1.02 J**	**23,000 T8**	<13.0	<13.0	**361**	**167**	**57.7**	**1,410,000**	NA
	11/6/2020	<5.00	<1.00	**4.11**	**73.8 T8**	**46.5**	<13.0	**4,740**	**54.8 J**	**51.3**	**1,540,000**	NA
	6/2/2021	<5.00	<1.00	**1.72 J**	**35.7 T8**	<13.0	<13.0	**788**	**88.9 J**	**40.0**	**1,340,000**	NA
	8/12/2021	<5.00	<1.00	**1.62 J**	**41.9 B T8**	<13.0	<13.0	**1,380**	**101**	**36.0**	**867,000**	NA
	11/16/2021	<5.00	<1.00	**1.75 J**	<20 JT8	<13.0	<13.0	**249**	**820**	**43.1**	**108,000**	NA
	2/2/2022	<5.00	<1.00	<3.00	<20.0 J T8	**5.09 J**	<13.0	**805**	**240 B**	**14.3**	**129,000**	NA
	5/5/2022	<5.00 C3 J4	<1.00	**1.65 J**	**41.9 B T8**	<13.0	<13.0	**277**	**230**	**32.5**	**387,000**	NA
	8/25/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**23.5**	**958**	**60.7**	**335,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	**37.3 B T8**	<13.0	<13.0	**1,700**	**399**	**75.6**	**425,000**	NA
	3/9/2023	<5.00	<1.00	**0.636 J**	**105,000 B T8**	<13.0	<13.0	**1,250**	**530**	**76.9**	**1,850,000**	NA
	6/1/2023	<5.00 C3	<1.00	**0.541 J**	**118 B T8**	<13.0	<13.0	**1,640**	**381**	**75.8**	**2,010,000**	NA
	8/31/2023	<5.00 C3	<1.00 C3	**0.191 J**	**105 B T8**	<13.0	<13.0	**977**	**2,630**	**200**	**1,440,000**	NA
	11/29/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**79.4**	**288**	**130**	**1,510,000**	NA
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**52,800**	**1,100 B**	NA	**182**
	7/28/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 1.0	< 1.0	< 2.0	**120**	< 7.5	< 7.0	**67**	**6,800**	**340**	**38,10,000 ^**	NA
	8/27/2017	< 4.0	< 4.0	< 8.0	**120**	< 83	< 77	**62**	**6,000**	**500 B**	**5,340,000**	NA
	10/11/2017	< 1.0	< 1.0	< 2.0	**91**	< 170	< 150	**370**	**9,300**	**470 F1 B**	**4,750,000**	NA
	7/13/2018	< 4.0	< 4.0	< 8.0	**91**	< 330	< 310	**880**	**5,200**	**190 B**	**3,000,000**	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	**140 B**	< 170	< 150	**240**	**2,200**	**710 B**	**4,670,000**	NA
	5/9/2019	< 1.0	< 1.0	< 2.0	**42**	< 330	< 310	**730**	**569**	**224**	**2,850,000**	NA
	9/13/2019	< 1.0	< 1.0	< 2.0	**160**	<7.5	<7.0	**620**	**450**	**241**	**2,700,000**	NA
	12/6/2019	< 1.0	< 1.0	< 2.0	**160**	< 4.0	<3.0	**310**	**463**	**989**	**4,430,000**	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

			Volatile Organics		GC Volatiles - RSK-175				Inorganics			
Location ID	Date Sampled	Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	Alkalinity, Bicarbonate as CaCO3
NYS Class GA Standard		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-28-D2R	2/11/2020	< 1.0	< 1.0	< 2.0	**100 B**	< 4.0	< 3.0	**1,000 B**	**252**	**184**	**1,620,000**	NA
(cont.)	6/9/2020	<5.00	<1.00	<3.00	**90.0 T8**	<13.0	<13.0	**239**	**5,050**	**1,730**	**4,130,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**90,300 T8**	<13.0	<13.0	**212**	**48,300**	**855**	**5,750,000**	NA
	11/6/2020	<5.00	<1.00	<3.00	**85.8 T8**	<13.0	<13.0	**618**	**5,890**	**370**	**2,760,000**	NA
	3/20/2021	<5.00	<1.00	<3.00	**68 T8**	<13.0	<13.0	**416**	**4,220**	**1,190**	**5,210,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	**68.1 T8**	<13.0	<13.0	**465**	**7,120**	**1,290**	**5,370,000**	NA
	8/12/2021	<5.00	<1.00	<3.00	**125 T8**	<13.0	<13.0	**191**	**7,560**	**2,180**	**4,570,000**	NA
	11/16/2021	<5.00	<1.00	<3.00	**136 T8**	<13.0	<13.0	**83.7**	**6,620**	**2,020**	**4,550,000**	NA
	2/2/2022	<5.00	<1.00	<3.00	**153 T8**	<13.0	<13.0	<10.0	**5,270**	**2,120**	**4,370,000**	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	**123 B T8**	<13.0	<13.0	**666**	**1,600**	**244**	**2,210,000**	NA
	8/25/2022	<5.00	<1.00	<3.00	**59.6 B T8**	<13.0	<13.0	**537**	**1,270**	**356**	**2,100,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	**33.3 B T8**	<13.0	<13.0	**226**	**950**	**137**	**973,000**	NA
	3/9/2023	<5.00	<1.00	<3.00	**125,000 T8**	<13.0	<13.0	**456**	**258**	**287**	**2,390,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**40.1 B T8**	<13.0	<13.0	**434**	**453**	**174**	**1,130,000**	NA
	8/31/2023	<5.00 C3	<1.00 C3	<3.00	**93.7 T8**	<13.0	<13.0	**396**	**191**	**252**	**1,890,000**	NA
	11/29/2023	<5.00	<1.00	<3.00	**115 T8**	<13.0	<13.0	<10.0	**726**	**316**	**2,390,000**	NA
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	**2**	NA	NA	NA	NA	**520**	**270 B**	NA	**4.3 J**
	10/26/2016	< 1.0	< 1.0	**9.7**	NA	NA	NA	NA	**220 B**	**250 B**	NA	**540**
	10/26/2016	< 1.0	< 1.0	**4**	NA	NA	NA	NA	< 50	**5.2 B**	NA	**547**
	7/5/2017	< 2.0	< 2.0	**3.7 J**	**180**	< 300	< 280	**680**	**460**	**350**	**9,51,000 ^**	NA
	8/27/2017	< 2.0	< 2.0	**4.3**	**150**	< 660	< 620	**11,000**	**2,400**	**150 B**	**24,70,000 ^**	NA
	10/12/2017	< 4.0	< 4.0	**4.3 J**	**140**	< 170	< 150	**5,200**	**3,400**	**300 B**	**8,93,000 ^**	NA
	7/13/2018	< 4.0	< 4.0	**5.5 J**	**180**	< 660	< 620	**15,000**	**1,300**	**340 B**	**988,000**	NA
	10/18/2018	< 1.0	< 1.0	**8.1**	**210 B**	< 1700	< 1500	**19,000**	**1,500**	**270 B**	**960,000**	NA
	5/10/2019	< 1.0	< 1.0	**3.3**	**190**	< 83	< 77	**9,300 E**	**1,450**	**470**	**839,000**	NA
	9/14/2019	< 1.0	< 1.0	< 2.0	**40**	<170	<150	**3,200**	**4,370**	**58.4**	**23,500**	NA
	12/6/2019	< 1.0	< 1.0	< 2.0	**28**	**1 J**	< 3.0	**1,100**	**673**	**32.1**	**75,900**	NA
	2/12/2020	< 1.0	< 1.0	< 2.0	**15 B**	< 4.0	< 3.0	**340 B**	**2,040**	**131**	**105,000**	NA
	6/10/2020	<5.00	<1.00	<3.00	**53.4 T8**	**5.33 J**	<13.0	**10,700**	**741**	**161**	**643,000**	NA
	8/19/2020	<5.00	<1.00	<3.00	**39,600 T8**	<13.0	<13.0	**6,710**	**1,360**	**172**	**574,000**	NA
	11/6/2020	<5.00	<1.00	<3.00	**31.7 T8**	**10.6 J**	<13.0	**10,700**	**199**	**146**	**460,000**	NA
	3/20/2021	<5.00	<1.00	<3.00	**30.9 T8**	**9.15 J**	<13.0	**6,640**	**8,750**	**205**	**524,000**	NA
	6/2/2021	<5.00	<1.00	<3.00	**27.3 T8**	<13.0	<13.0	**660**	**42,600**	**484**	**437,000**	NA
	8/12/2021	<5.00	<1.00 J4	<3.00	**51.4 B T8**	<13.0	<13.0	**4,950**	**5,200**	**272**	**446,000**	NA
	5/5/2022	<5.00	<1.00	<3.00	**73.3 B T8**	<13.0	<13.0	**5,410**	**35,100**	**311**	**577,000**	NA
	11/29/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	**4,660**	**1,510**	**12.3**	**17,400**	NA
	3/10/2023	<5.00	<1.00	<3.00	**98,000 B T8**	<13.0	<13.0	**1,800**	**12,500**	**152**	**229,000**	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	**31.6 B T8**	<13.0	<13.0	**3,130**	**3,240**	**83.8**	**96,400**	NA
	9/1/2023	<5.00 C3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	**161**	**1,750**	**52.4**	**63,800**	NA
	11/30/2023	<5.00	<1.00	<3.00	**27.2 B T8**	<13.0	<13.0	**82.0**	**2,960**	**41.7**	**57,400**	NA
MW-29-D2	1/14/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**64**	**150 B**	NA	**430 B**
MW-29-VD	1/14/2016	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**390**	**62 B**	NA	**229 B**
MW-30-D1	1/14/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**360 B**	**93 B**	NA	**841 B**
MW-30-D2	1/14/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	1/14/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	< 50	**110 B**	NA	**755 B**
MW-30-VD	1/14/2016	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**4,900 B**	**260 B**	NA	**713 B**
MW-31-D1R	1/14/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**230 B**	**25 B**	NA	**221 B**
MW-31-D2R	1/14/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	**2,200 B**	**430 B**	NA	**508 B**

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D1	6/24/2016	**5,69,000 B**	NA	NA	NA	NA	NA	NA	**170,000**	**11,900**	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D2	6/23/2016	**7,32,000 B**	NA	NA	NA	NA	NA	NA	**250,000**	**2,600**	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-VD	6/23/2016	**7,32,000 B**	NA	NA	NA	NA	NA	NA	**1,860,000**	< 100	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-14-D1	6/24/2016	**8,86,000 B**	NA	NA	NA	NA	NA	NA	**103,000**	**48,000**	NA
	7/26/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	**7,16,000 B**	**3,060**	**4.5**	**170 HF**	< 50	< 0.050	NA	**140,000**	**38,000**	**13,100 B**
	8/27/2017	**5,63,000 B**	**3,130**	**5.2**	< 100	< 50	< 0.050	NA	**251,000**	**56,400**	**10,600 B**
	10/11/2017	**563,000**	**1,860**	**4.4**	< 100	< 50	< 0.050	NA	**1,24,000 B**	**50,400**	**23,600 B**
	7/12/2018	**6,23,000 B**	**2,970**	**1.5**	**120 HF**	< 50	< 0.050	NA	**172,000**	**50,800**	NA
	10/17/2018	**673,000**	**3,620**	**4.7**	**260 HF**	< 50	< 0.050	NA	**1,98,000 B**	**48,400**	NA
	5/10/2019	**805,000**	**3,700**	**5.8**	< 100 HF	**80 J**	<0.10	NA	**98,000**	**52,700**	**45,400 B**
	9/13/2019	**779,000**	**3,000**	**3.1**	**570 HF**	**14 J B**	<0.10	NA	**240,000**	**64,600**	**22,100**
	12/5/2019	**582,000**	**2,100**	**6.9**	< 100 HF	<100	<0.10	NA	**130,000**	**62,600**	**21,100**
	2/12/2020	**386,000**	**2,400**	**5**	**150 HF**	**17 J H**	< 0.1	NA	**280,000**	**64,700**	**18,400**
	6/10/2020	**613,000**	**2,750**	**0.334 T8**	**1,470 T8**	--	--	<1,000	**219,000**	<50.0	**19,200**
	8/19/2020	**678**	**2,950**	**6.97 T8**	**1,500 T8**	NA	NA	<2,000	**131,000**	**4.16**	**26,900**
	11/4/2020	**581,000**	**3,030**	**2.71 T8**	**418 T8**	NA	NA	<100	**127,000**	**458**	**39,000**
	3/19/2021	**808,000**	**3,950**	**10.1 T8**	**2,440 T8**	NA	NA	<2,000	**112,000**	**182**	**20,000 B**
	6/2/2021	**719,000**	**3,180**	**2.53**	**513 T8**	NA	NA	<2,000	**266,000**	**341**	**18,900**
	8/12/2021	**637,000**	**2,480**	**2.53**	**513 T8**	NA	NA	<2,000	**266,000**	**341**	**18,900**
	11/16/2021	**674,000**	**3,010**	**2.53**	**513 T8**	NA	NA	<2,000	**266,000**	**341**	**18,900**
	2/2/2022	**541,000**	**3,090**	**3,840**	**1,380 T8**	NA	NA	<500	**114,000**	**11,000**	**34,000**
	5/5/2022	**409,000**	**1,900**	**3,840**	**1,380 T8**	NA	NA	<500	**114,000**	**11,000**	**34,000**
	8/24/2022	**391,000**	**2,450**	**0.303**	**5,100 T8**	NA	NA	<1,000	**133,000**	**63.0 Q**	**25,900 B**
	11/29/2022	**669,000**	**3,450**	**1.52**	**574 T8**	NA	NA	<5,000	**120,000**	**12,300**	**25,600**
	3/9/2023	**279,000**	**1,340**	**0.018 J**	**654 T8**	NA	NA	NA	**235,000**	**3,400**	**38,800**
	5/31/2023	**315,000**	**1,330**	**0.637**	**555 T8**	NA	NA	<100	**108,000**	**3,490**	**46,000**
	9/1/2023	**375,000**	**1,600**	**0.631**	**377 T8**	NA	NA	<1,000	**52,800**	**4,200**	**39,200**
	11/30/2023	**265,000**	**1,680**	**3**	**524 T8**	NA	NA	<5,000	**40,700 J**	**6,720**	**37,500**
AMW-14-D2	6/23/2016	**7,40,000 B**	**NA**	NA	NA	NA	NA	NA	**263,000**	**22,500**	NA
	7/26/2016	NA	**NA**	NA	NA	NA	NA	NA	**NA**	NA	NA
	7/27/2016	NA	**NA**	NA	NA	NA	NA	NA	**NA**	NA	NA
	8/27/2017	**4,39,000 B**	**4,930**	< 0.10	< 100	< 50	< 0.050	NA	**507,000**	**4,200**	**7,800 B**
	10/11/2017	**830,000**	**4,070**	**17.3**	< 100	< 50	< 0.050	NA	**2,10,000 B**	**27,200**	**11,600 B**
	7/12/2018	**7,85,000 B**	**4,380**	**2.5**	< 100	< 50	< 0.050	NA	**315,000**	**56,000**	NA
	10/17/2018	**4,85,000 B**	**4,510**	**2.7**	< 100	< 50	< 0.050	NA	**3,27,000 B**	**58,800**	NA
	5/10/2019	**822,000**	**4,200**	<0.10	**1,100 HF**	**49 J**	<0.10	NA	**84,000**	**71,600**	**18,500 B**
	9/13/2019	**823,000**	**3,400**	**1.3**	**550 HF**	<100	**0.0092 J B**	NA	**120,000**	**60,800**	**19,200**
	12/5/2019	**727,000**	**4,200**	**6.5**	**290 HF**	<100	<0.10	NA	**260,000**	**51,200**	**18,300**
	2/12/2020	**810,000**	**4,500**	**4.7**	**850 HF**	< 100	<0.1	NA	**310,000**	**59,700**	**16,700**
	6/10/2020	**744,000**	**4,190**	**2.71 T8**	**2,360 T8**	NA	NA	<1,000	**270,000**	<50.0	**14,500**
	8/19/2020	**832**	**4,380**	**16.9 T8**	**847 T8**	NA	NA	<2,000	**182,000**	**1.01**	**16,200**
	11/5/2020	**692,000**	**4,330**	**2.96 T8**	**322 T8**	NA	NA	<100	**176,000**	**8,060**	**16,800**
	3/19/2021	**750,000**	**5,310**	**27.4 T8**	**904 T8**	--	--	<2,000	**321,000**	**79**	**15,300**
	6/2/2021	**473,000**	**3,020**	**4.02**	**563 T8**	NA	NA	<2,000	**272,000**	**1,180**	**2,990 B**

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2	8/12/2021	841,000	4,350	4.02	563 T8	NA	NA	<2,000	272,000	1,180	2,990 B
(cont.)	11/16/2021	810,000	4,100	4.02	563 T8	NA	NA	<2,000	272,000	1,180	2,990 B
	2/2/2022	816,000	4,690	<100	4,620 T8	NA	NA	<2,000	221,000	4,040	15,700
	5/5/2022	605,000	3,460	<100	4,620 T8	NA	NA	<2,000	221,000	4,040	15,700
	8/24/2022	761,000	4,190	<0.1	3,120 T8	NA	NA	<1,000	157,000	<50.0 Q	15,200 B
	11/29/2022	308,000	1,680	4.49	372 T8	NA	NA	515	111,000	1,280	13,300 B
	3/9/2023	595,000	2,860	0.309	448 T8	NA	NA	<500	154,000	219,000	14,700
	05/31/2023	764,000	3,780	0.239	102 T8	NA	NA	<100	190,000	1,650	13,000
	9/1/2023	768,000	3,900	<0.05	572 T8	NA	NA	550	128,000 J	24,500	13,000
	11/30/2023	843,000	3,800	<0.50	1,790 T8	NA	NA	<100	126,000	147	15,300
AMW-14-VD	9/1/2023	427,000	NA	NA	NA	NA	NA	NA	1,780,000	< 100	NA
	9/1/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/2023	4,40,000 B	15,200	11.3	< 100	< 50	< 0.050	NA	1,830,000	800 J	3,400 B
	9/1/2023	4,15,000 B	15,400	12.3	4,700 HF	< 50	< 0.050	NA	2,000,000	< 1,000	4,000 B
	9/1/2023	454,000	16,200	14.8	1,600 HF	< 50	< 0.050	NA	1,890,000	800 J	4,500 B
	9/1/2023	4,72,000 B	19,400	18.4	< 100	< 50	< 0.050	NA	1,870,000	5,200 F1	NA
	9/1/2023	4,09,000 B	16,300	18.5	< 100	< 50	< 0.050	NA	19,20,000 B	< 1,000	NA
	9/1/2023	493,000	110,000	14.4	300 HF	94 J	0.076 J	NA	2,000,000	<1,000	18,300 B
	9/1/2023	493,000	14,000	13.8	1,400 HF	35 J B	0.027 J B	NA	1,700,000	830 J	8,500
	9/1/2023	493,000	17,000	18.7	130 HF	< 100	0.020 J B	NA	2,800,000	1,200	9,300
	9/1/2023	495,000	15,000	12.1	680 HF	21 J B	0.019 J B	NA	2,000,000	< 1.0	7,900
	9/1/2023	528,000	18,000	<0.100 T8	17,800 T8	NA	NA	<100	1,920,000	<50.0	7,270
	9/1/2023	527	17,000	1.82 T8	14,900 T8	NA	NA	<100	1,850,000	<0.05	8,160
	9/1/2023	501,000	17,200	<0.1 T8	18,000 T8	NA	NA	<100	2,250,000	117	7,270
	9/1/2023	522,000	17,300	0.969 T8	17,600 T8	NA	NA	82.0 J	1,960,000	<50	8,300
	9/1/2023	542,000	16,100	0.404	18,500 T8	NA	NA	56.4 J	1,790,000	<50 J6	7,340 B
	9/1/2023	540,000	16,700	0.404	18,500 T8	NA	NA	56.4 J	1,790,000	<50 J6	7,340 B
	9/1/2023	448,000	13,500	0.404	18,500 T8	NA	NA	56.4 J	1,790,000	<50 J6	7,340 B
	9/1/2023	518,000	16,100	<100	20,600 T8	NA	NA	<500	1,880,000	<50	7,000
	9/1/2023	497,000	15,400	<100	20,600 T8	NA	NA	<500	1,880,000	<50	7,000
	9/1/2023	556,000	15,900	0.0393 J	18,500 T8	NA	NA	<100	1,800,000	<50.0 Q	8,010
	9/1/2023	529,000	14,700	<0.10	17,700 T8	NA	NA	<100	1,680,000	<50.0	8,800
	9/1/2023	609,000	15,800	<0.1	20,200 T8	NA	NA	<100	1,790,000	<50.0	7,770
	09/01/2023	580,000	15,600	<0.1	21,900 T8	NA	NA	<100	1,720,000	<50.0	7,910
	9/1/2023	607,000	16,600	<0.1	16,900 T8	NA	NA	<100	1,700,000	<50.0	30,500
	11/30/2023	617,000	15,100	<0.1	23,200 T8	NA	NA	<100	1,520,000	<50.0	8,740
AMW-15-D1	6/23/2016	602,000	NA	NA	NA	NA	NA	NA	166,000	20,500	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	130,000	NA	NA	NA	NA	NA	NA	63,100	8,000	NA
	10/26/2016	528,000	NA	NA	NA	NA	NA	NA	164,000	36,000	NA
	7/5/2017	597,000	73	2.1	< 100	< 50	< 0.050	NA	1,640,000	42,000	9,400 B
	8/27/2017	4,71,000 B	2,480	12.4	< 500	< 50	< 0.050	NA	156,000	53,200	53,400 B
	10/11/2017	641,000	2,760	6.9	< 200	< 50	< 0.050	NA	1,89,000 B	41,600	36,200 B
	10/17/2018	442,000	1,910	3.8	120 HF	79	< 0.050	NA	188,000	56,000	NA
	5/9/2019	422,000	2,500	3.3	<100 HF	430 J	0.38 J	NA	200,000	41,400	36,800 B
	9/13/2019	254,000	1,700	1.5	2,200 HF	< 100	0.029 J	NA	380,000	31,100	38,500
	12/5/2019	424,000	2,000	3.2	340 HF	< 100	<0.10	NA	180,000	30,700	40,800
	2/11/2020	206,000	1,800	3.3	1,400 HF	17 J H	0.017 J H	NA	380,000	11,500	26,300
	6/10/2020	393,000	2,010	<0.050 T8	662 T8	NA	NA	<1,000	331,000	51.0	31,800
	8/19/2020	442	1,990	0.836 T8	481 T8	NA	NA	<10000	202,000	25.6	40,600
	11/4/2020	425,000	2,250	0.142 T8	658 T8	NA	NA	<100	138,000	514	32,100
	3/19/2021	598,000	2,590	13.4 T8	324 T8	NA	NA	<2,000	115,000	1,630	27,400
	6/2/2021	466,000	2,050	<0.100	20,100 T8	NA	NA	<2,000	290,000	1,380 Q	31,900
	11/16/2021	494,000	2,140	<0.100	20,100 T8	NA	NA	<2,000	290,000	1,380 Q	31,900

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Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
	Units	ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1	2/1/2022	496,000	2,260	767	381 T8	NA	NA	<1,000	117,000	236 J4	30,300
(cont.)	5/5/2022	514,000	2,460	767	381 T8	NA	NA	<1,000	117,000	236 J4	30,300
	8/24/2022	273,000	1,070	0.749	925 T8	NA	NA	<1,000	52,100	<50.0 Q	18,600 B
	11/28/2022	588,000	2,320	0.126 T8	304 T8	NA	NA	<5,000	143,000	<50.0	28,000
	3/10/2023	649,000	2,630	0.438	297 T8	NA	NA	<1,000	111,000	19,700	4,570
	06/01/2023	581,000	2,370	<0.05	94.0 T8	NA	NA	<100	131,000	17,400	22,800
	8/31/2023	485,000	2,260	<0.05	139 T8	NA	NA	<100	160,000	35,100	25,800
	11/30/2023	477,000	2,310	0.934	1,320 T8	NA	NA	269 J	154,000	79.0	12,000
AMW-15-D2	6/23/2016	1,81,000 B	NA	NA	NA	NA	NA	NA	166,000	1,800	NA
	6/23/2016	185,000	NA	NA	NA	NA	NA	NA	165,000	1,900 F1	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	99,900	NA	NA	NA	NA	NA	NA	243,000	12,800	NA
	10/26/2016	600,000	NA	NA	NA	NA	NA	NA	216,000	36,000	NA
	7/5/2017	687,000	3,700	0.53	170 HF	< 50	< 0.050	NA	269,000	34,000	10,300 B
	8/27/2017	6,73,000 B	3,650	3.5	< 100	< 50	< 0.050	NA	237,000	58,000	10,900 B
	10/11/2017	811,000	3,710 F1	4.5	< 100	< 50	< 0.050	NA	2,54,000 B	45,200	9,800 B
	10/17/2018	461,000	3,790	0.75	< 100	< 50	< 0.050	NA	2,62,000 B	48,000	NA
	5/10/2019	672,000	4,200	0.24	85 J HF	47 J	0.0070 J	NA	220,000	50,800	14,200 B
	9/13/2019	649,000	3,800	0.35	140 HF	< 100	<0.10	NA	330,000	55,100	14,800
	12/5/2019	636,000	4,000	0.46	280 HF	< 100	<0.10	NA	280,000	58,800	15,800
	2/11/2020	651,000	4,200	0.79	190 HF	< 100	<0.10	NA	380,000	54,600	13,700
	6/9/2020	610,000	3,750	<0.050 T8	1,460 T8	NA	NA	<1,000	301,000	186	12,000
	8/19/2020	413	2,410	5.04 T8	5,440 T8	NA	NA	<2000	166,000	0.214	12,300
	11/4/2020	540,000	4,150	0.29 T8	673 T8	NA	NA	<100	263,000	58	13,300
	3/19/2021	590,000	3,500	5.62 T8	9,200 T8	NA	NA	<2,000	256,000	98	12,700
	6/2/2021	313,000	935	4.01	6,060 T8	NA	NA	<2,000	51,000	221	10,600
	8/12/2021	578,000	3,140	4.01	6,060 T8	NA	NA	<2,000	51,000	221	10,600
	11/16/2021	490,000	2,990	4.01	6,060 T8	NA	NA	<2,000	51,000	221	10,600
	2/1/2022	616,000	3,510	974	479 T8	NA	NA	<1,000	201,000	1,070,000 J4	9,600
	5/4/2022	274,000	2,370	974	479 T8	NA	NA	<1,000	201,000	1,070,000 J4	9,600
	8/24/2022	581,000	3,610	3.36	1,200 T8	NA	NA	<1,000	282,000	<50.0 Q	10,600 B
	11/29/2022	574,000	2,820	<0.05 T8	907 T8	NA	NA	<5,000	244,000	107	11,800 B
	3/10/2023	631,000	3,130	0.934	473 T8	NA	NA	<500	216,000	<50.0	10,800
	6/1/2023	618,000	3,580	<0.05	486 T8	NA	NA	<200	291,000	3,270	12,900
	8/31/2023	376,000	1,660	<0.05	1,730 T8	NA	NA	<100	112,000	<50.0	9,170
	11/30/2023	37,700	46	3	1,300 T8	NA	NA	<100	14,000	34.0 J	1,220 B
AMW-15-D3	6/23/2016	6,17,000 B	NA	NA	NA	NA	NA	NA	1,790,000	NA	NA
	6/23/2016	12,200 B	NA	NA	NA	NA	NA	NA	784,000	NA	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	4,08,000 B	4,230	2.3	< 500	< 50	< 0.050	NA	495,000	16,400	34,300 B
	10/11/2017	508,000	7,530	0.45	< 100	< 50	< 0.050	NA	897,000 B	39,200	7,200 B
	7/13/2018	5,18,000 B	4,670	3.1	< 100	< 50	< 0.050	NA	482,000	22,800	NA
	10/17/2018	108,000	7,380	0.26	< 100	< 50	< 0.050	NA	916,000	35,600	NA
	5/10/2019	616,000	8,800	0.30	< 100	42 J	0.056 J	NA	980,000	41,400	14,400 B
	9/13/2019	646,000	4,400	0.40	210 HF	< 100	<0.10	NA	300,000	55,100	11,000
	12/5/2019	594,000	5,300	0.35	< 100	< 100	<0.10	NA	470,000	58,800	12,300
	2/11/2020	626,000	2,600	3.10	470 HF	< 500 H	< 0.5 H	NA	290,000	23,200	13,700
	6/9/2020	676,000	4,630	0.605 T8	526 T8	NA	NA	<1,000	534,000	<50.0	13,700
	8/19/2020	479	8,160	2.8 T8	229 T8	NA	NA	<500	919,000	6.8	20,100
	11/4/2020	649,000	4,790	0.447 T8	348 T8	NA	NA	<100	337,000	1,050	13,500
	3/19/2021	310,000	3,000	<0.100 T8	5,440 T8	NA	NA	<500	275,000	27.0 J	8,250
	6/1/2021	493,000	683	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900
	8/12/2021	567,000	639	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900
	11/16/2021	350,000	621	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900

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		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3	2/1/2022	236,000	2,480	374	66.0 T8	NA	NA	628 J	182,000	970 J4	9,330
(cont.)	5/5/2022	522,000	646	374	66.0 T8	NA	NA	628 J	182,000	970 J4	9,330
	11/28/2022	450,000	6,090	<0.10 T8	2,150 T8	NA	NA	<5,000	660,000	<50.0	7,820 B
	3/9/2023	432,000	7,220	0.297	1,920 T8	NA	NA	<500	971,000	28.0 J	13,600
	6/1/2023	391,000	6,240	0.757	987 T8	NA	NA	<200	782,000	96.0	6,570
	8/31/2023	56,000	207	0.579	180 T8	NA	NA	793	18,700	<50.0	2,750
	11/30/2023	604,000	5,970	<0.1	9,660 T8	NA	NA	<100	641,000	26.0 J	7,540
AMW-15-VD	6/23/2016	303,000	NA	NA	NA	NA	NA	NA	1,810,000	< 100	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	135,000 B	16,100	11.5	280 HF	< 50	< 0.050	NA	2,140,000	< 1,000	3,500 B
	10/11/2017	329,000	16,000	11.7	< 100	< 50	< 0.050	NA	20,70,000 B	< 1,000	3,400 B
	7/13/2018	3,57,000 B	19,200	10.6	< 100	< 50	< 0.050	NA	1,890,000	800 J	NA
	10/17/2018	271,000	13,200	10.7	< 100	< 50	< 0.050	NA	15,30,000 B	< 1,000	NA
	5/10/2019	432,000	18,000	3.6	< 100*	< 100	0.035 J	NA	2,000,000	<1000	6,800 B
	9/13/2019	429,000	16,000	7.2	500 HF	< 100	0.011 J	NA	1,800,000	<1,000	6,900
	12/5/2019	478,000	17,000	5	130 HF	< 100 U F1	0.019 JB	NA	2,800,000	<1,000	7,700
	2/11/2020	468,000	15,000	1.5	370 HF	< 500 H	< 0.5 H	NA	2,000,000	< 1.0	6,500
	6/9/2020	517,000	18,000	<0.100 T8	6,390 T8	NA	NA	<100	1,990,000	<50.0	6,450 B
	8/19/2020	509	17,000	<0.1 T8	52,800 T8	NA	NA	<500	1,970,000	<0.05	7,560
	11/4/2020	523,000	17,300	<0.1 T8	4,880 T8	NA	NA	<100	2,270,000	144	8,040 B
	3/19/2021	523,000	17,300	5.31 T8	4,850 T8	NA	NA	<2,000	1,990,000	<50	8,970
	6/2/2021	238,000	6,130	0.556	107 T8	NA	NA	<100	630,000	<50	4,140 B J
	8/12/2021	529,000	16,500	0.556	107 T8	NA	NA	<100	630,000	<50	4,140 B J
	11/16/2021	507,000	16,700	0.556	107 T8	NA	NA	<100	630,000	<50	4,140 B J
	2/1/2022	598,000	16,800	1,150	5,840 T8	NA	NA	<100	1,940,000	<64 J4	6,400
	5/5/2022	553,000	16,700	1,150	5,840 T8	NA	NA	<100	1,940,000	<64 J4	6,400
	8/24/2022	668,000	17,500	<0.1	15,100 T8	NA	NA	204	2,030,000	<50.0 Q	7,510 B
	11/28/2022	494,000	11,900	4.06 T8	4,010 T8	NA	NA	135	1,260,000	<50.0	7,410
	3/10/2023	708,000	16,400	3.08	2,400 T8	NA	NA	<100	1,780,000	<50.0	5,900
	6/1/2023	664,000	16,400	2.510	6,040 T8	NA	NA	<100	1,880,000	<50.0	7,850
	8/31/2023	349,000	906	<0.05	1,140 T8	NA	NA	71.5 J	73,900	100	21,800
	11/30/2023	40,000	119 J6	3	183 T8	NA	NA	67.5 J	9,960	<50.0	2,340 B
AMW-3	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	351,000	NA	NA	NA	NA	NA	NA	970,000	5,300	NA
AMW-7R	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	1,99,000 B	NA	NA	NA	NA	NA	NA	82,300	5,200	NA
	7/11/2018	8,81,000 B	253	19.7	320 HF	< 50	< 0.050	NA	41,900	3,800	NA
	10/17/2018	997,000	192	12.5	< 100	< 50	< 0.050	NA	22,600 B	1,600	NA
	5/10/2019	558,000	120 F1	8.1	< 100 HF	< 100	0.023 J	NA	82,000 F1	<1000	19,800
	9/14/2019	651,000	62	6	840 HF	<100	0.015 J B	NA	49,000	1,200	20,800
	12/6/2019	462,000	80	4.7	100 HF	25 J B	0.017 J	NA	84,000	1,900	88,400
	2/12/2020	597,000	85	23.2	1700 HF	23 J B	0.02 J B	NA	75,000	10,400	19,800
	6/9/2020	516,000	100	4.63 T8	11,300 T8	NA	NA	<100	68,600	<50.0	20,500
	8/19/2020	656	86.6	83.6 T8	11200 T8	NA	NA	<500	96,200	0.062	28,900
	11/6/2020	723,000	78.2	17.2 T8	16,000 T8	NA	NA	<100	37,600	<50	23,500
	3/19/2021	615,000	547	23.4 T8	12,100 T8	NA	NA	<100	115,000	<50	24,300
	6/2/2021	514,000	262	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	8/12/2021	708,000	181	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	11/16/2021	640,000	77	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	5/5/2022	457,000	137	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	11/29/2022	533,000	128	<0.10	20,300 T8	NA	NA	<500	47,500	<50.0	23,500
	3/10/2023	370,000	126	<0.1	8,590 T8	NA	NA	<500	57,200	<50.0	21,400
	6/1/2023	516,000	75.7	1.840	2,430 T8	NA	NA	172	163,000	<50.0	13,400
	8/31/2023	681,000	74.6	<0.1	7,700 T8	NA	NA	<100	62,900	<50.0	17,300

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Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-7R	11/30/2023	**264,000**	**115**	<0.1	**5,310 T8**	NA	NA	**61.3 J**	**46,100**	**63.0**	**23,400**
ASB-2	6/6/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-3	6/8/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-4	6/7/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-5	6/2/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-7	6/2/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18R	6/22/2016	**5,15,000 B**	NA	NA	NA	NA	NA	NA	**27,800**	< 100	NA
	7/11/2018	**1,84,000 B**	**367**	**1.3**	**110 HF**	< 50	< 0.050	NA	**120,000**	**12,200**	NA
	10/17/2018	**365,000**	**259**	**0.45**	< 100	< 50	< 0.050	NA	**20,000 B**	**11,600**	NA
	9/14/2019	**386,000**	**480**	**8.2**	**3,500 HF**	<100	**0.024 J B**	NA	**86,000**	**14,800**	95,400
	12/5/2019	**225,000**	**400**	**2.8**	**0.28 HF**	**30 JB**	**0.029 J**	NA	**74,000**	**15,900**	**123,000**
	2/12/2020	**24,400**	**77**	**9.6**	**150 H F**	**160 B**	**0.053 J B**	NA	**14,000**	**910 J**	**55,000**
	6/9/2020	**101,000**	**269**	<0.100 T8	**5,360 T8**	NA	NA	<1,000	**87,100**	**70.0**	**57,700**
	3/19/2021	**131,000**	**223**	**0.907 T8**	**547 T8**	NA	NA	<2,000	**48,700**	**55.0**	**61,100**
	6/2/2021	**83,300**	**835**	**0.106**	**1,170 T8**	NA	NA	<100	**36,700**	**38.0 J**	**29,200**
	8/12/2021	**206,000**	**1,340**	**0.106**	**1,170 T8**	NA	NA	<100	**36,700**	**38.0 J**	**29,200**
	11/16/2021	**199,000**	**853**	**0.106**	**1,170 T8**	NA	NA	<100	**36,700**	**38.0 J**	**29,200**
	2/2/2022	--	--	--	--	NA	NA	<500	--	--	--
	5/5/2022	**142,000**	**289**	--	--	NA	NA	<500	--	--	--
	8/25/2022	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/2022	**231,000**	**634**	NA	NA	NA	NA	<500	**90,200**	NA	NA
	3/9/2023	**245,000**	**213**	NA	NA	NA	NA	NA	**68,600**	NA	**12,200**
	5/31/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/31/2023	**368,000**	**204**	<0.1	**4,040 T8**	NA	NA	<500	**91,600**	<50.0	**46,800**
	11/30/2023	**193,000**	**70**	<0.1	**3,560 T8**	NA	NA	<500	**71,100**	**477**	**47,800**
MW-23-D1R	10/26/2016	**555,000**	NA	NA	NA	NA	NA	NA	**148,000**	**6,400**	NA
	10/26/2016	**525,000**	NA	NA	NA	NA	NA	NA	**156,000**	**13,600**	NA
	1/12/2016	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA
	6/20/2016	**485,000**	NA	NA	NA	NA	NA	NA	**180,000**	**16,900 F1**	NA
	7/5/2017	**500,000**	**1,970**	**17.1**	< 100	< 50	< 0.050	NA	**259,000**	**8,400**	**16,100 B**
	8/27/2017	**5,12,000 B**	**2,190**	**31.9**	**2,000 HF**	**23 J H**	< 0.050	NA	**173,000**	**15,400**	**17,300 B**
	10/12/2017	**562,000**	**2,270**	**3.8**	< 100	< 50	< 0.050	NA	**1,78,000 B**	**26,800**	**15,400 B**
	7/12/2018	**4,95,000 B**	**2,250**	**4**	**260 HF**	< 50	< 0.050	NA	**149,000**	**28,800**	NA
	10/17/2018	**360,000**	**2,260**	**1.9**	< 100	< 50	< 0.050	NA	**177,000**	**25,200**	NA
	9/13/2019	**467,000**	**2,000**	**1.1**	**330 HF**	**26 J B**	**0.017 J B**	NA	**190,000**	**10,300**	20,800
	12/5/2019	**309,000**	**1,300**	**1.8**	**260 HF**	**37 JB**	**0.018 J**	NA	**130,000**	**3,500**	**22,300**
	2/11/2020	**173,000**	**730**	**2.5**	**120 HF**	**99 J H**	**0.018 J H**	NA	**130,000**	**8,800**	**7,500**
	6/10/2020	**320,000**	**1,690**	<0.050 T8	**1,460 T8**	NA	NA	<1,000	**213,000**	**39.0 J**	**18,200**
	8/19/2020	**543**	**2,340**	**1.44 T8**	**4,880 T8**	NA	NA	<2,000	**111,000**	<0.05	**21,600**
	11/5/2020	**401,000**	**2,030**	<0.1 T8	**3,600 T8**	NA	NA	405	**121,000**	<50	**20,200**
	3/19/2021	**469,000**	**2,470**	**103 T8**	**2,600 T8**	NA	NA	**275**	**234,000**	**414 J6**	**15,200**
	6/2/2021	**583,000**	**2,310**	**2.22**	**3,620 T8**	NA	NA	<100	**179,000**	**27.0 J**	**15,000**
	8/12/2021	**516,000**	**2,330**	**2.22**	**3,620 T8**	NA	NA	<100	**179,000**	**27.0 J**	**15,000**
	11/16/2021	**275,000**	**1,390**	**2.22**	**3,620 T8**	NA	NA	<100	**179,000**	**27.0 J**	**15,000**
	2/2/2022	**357,000**	**1,920**	**10,200**	**1,180 T8**	NA	NA	<1,000	**118,000**	**62.7 J J4**	**15,200**
	5/5/2022	**448,000**	**2,810**	**10,200**	**1,180 T8**	NA	NA	<1,000	**118,000**	**62.7 J J4**	**15,200**
	8/25/2022	**348,000**	**2,350**	<0.1	**4,800 T8**	NA	NA	<1,000	**183,000**	<50.0 Q	**16,100**
	11/29/2022	**101,000**	**43.3**	**0.689**	**1,040 T8**	NA	NA	**1,970**	**23,600**	<50.0	**4,960 B**
	3/9/2023	**558,000**	**2,670**	**4.82**	**823 T8**	NA	NA	<1,000	**213,000**	**204**	**7,150**
	6/1/2023	**215,000**	**1,130**	**0.053**	**373 T8**	NA	NA	**58.2 J**	**154,000**	**27.0 J**	**15,700**
	8/31/2023	**556,000**	**2,650**	<0.05	**928 T8**	NA	NA	<1,000	**107,000 J**	**16,100**	**18,100**
MW-23-D2R	1/12/2016	NA	**NA**	NA	NA	NA	NA	NA	**NA**	NA	NA

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R	6/20/2016	543,000	NA	NA	NA	NA	NA	NA	317,000	700	NA
(cont.)	7/5/2017	520,000	5,260	4.2	170 HF	< 50	< 0.050	NA	861,000	29,600	5,200 B
	8/27/2017	4,34,000 B	5,420	1.8	< 100	37 J H	< 0.050	NA	665,000	36,200	6,100 B
	10/12/2017	654,000	4,460	2.8	< 100	< 50	< 0.050	NA	4,78,000 B	20,000	9,700 B
	7/12/2018	587,000	3,800	1.4	240 HF	38 J	0.0045 J	NA	290,000	10,900	20,700 B
	5/9/2019	587,000	3,800	1.4	240 HF	38 J	0.0045 J	NA	290,000	10,900	20,700 B
	9/13/2019	415,000	2,500	21.6	4,100 HF	17 J B	0.025 J B	NA	160,000	34,100	17,100
	12/5/2019	349,000	2,400	26.1	< 100	69 JB	0.051 J	NA	160,000	3,800	18,900
	8/19/2020	505	3,710	43.4 T8	2,780 T8	NA	NA	<500	229,000	0.092	12,700
	11/5/2020	398,000	3,730	6.28 T8	6,430 T8	NA	NA	<100	202,000	<50	11,700
	3/18/2021	667,000	4,360	7.82 T8	1,120 T8	NA	NA	<2,000	336,000	86	11,600
	6/2/2021	540,000	3,500	0.293	1,220 T8	NA	NA	<2,000	318,000	<50	9,780
	8/12/2021	376,000	3,250	0.293	1,220 T8	NA	NA	<2,000	318,000	<50	9,780
	11/16/2021	600,000	3,710	0.293	1,220 T8	NA	NA	<2,000	318,000	<50	9,780
	2/2/2022	529,000	3,630	627	326 J5T8	NA	NA	<1,000	232,000	19,000 J4	8,750
	5/5/2022	448,000	3,520	627	326 J5T8	NA	NA	<1,000	232,000	19,000 J4	8,750
	8/25/2022	391,000	2,500	0.751	1,780 T8	NA	NA	<100	151,000	<50.0 Q	7,050
	11/29/2022	494,000	3,210	NA	NA	NA	NA	<500	206,000	NA	8,510
	3/9/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	8,220
	6/1/2023	214,000	1,000	1.200	1,550 T8	NA	NA	81.5 J	75,600	<50.0	7,490
	8/31/2023	271,000	1,680	<0.05	1,590 T8	NA	NA	<100	95,000	<50.0	8,080
	11/30/2023	274,000	487	3	413 T8	NA	NA	438	33,500	<50.0	5,880
MW-24-D1R	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	6,42,000 B	NA	NA	NA	NA	NA	NA	189,000	79,300	NA
	10/26/2016	526,000	NA	NA	NA	NA	NA	NA	217,000	64,000 F1	NA
	10/26/2016	324,000	NA	NA	NA	NA	NA	NA	248,000	60,000	NA
	10/26/2016	577,000	NA	NA	NA	NA	NA	NA	219,000	56,000	NA
	7/12/2018	8,75,000 B	4,220	10.1	< 100	< 50	< 0.050	NA	200,000	66,400	NA
	10/16/2018	583,000	2,370	2.9	< 100	< 50	< 0.050	NA	75,300	56,400	NA
	5/9/2019	572,000	3,900	3.3	860 HF	63 J	0.014 J	NA	250,000	41,400	15,400 B
	9/13/2019	4,11,000	1,800 [3,000]	1.9 [3.5]	230 HF	<100 [<100]	0.015 J [<0.10]	NA	3,20,000 [2,00,000]	29,200 [75,900]	36,100 [34,900]
	12/5/2019	3,01,000	1,900 [2,000]	1.3 [1.3]	290 HF	150 B [<	0.17 B	NA	3,50,000 [1,30,000]	22,400 [92,800]	50,900 [25,900]
	2/11/2020	3,78,000 [5,30,000]	2,300 [2,500]	0.2 [0.26]	< 100 [170 H F]	16 J H [< 50]	< 0.1 [< 0.5]	NA	3,80,000 [3,40,000]	43,300 [66,900]	35,500 [29,600]
	6/9/2020	6,03,000 [6,05,000]	2,910 [3,200]	1.02 T8 [1.67 T8]	270 T8 [669 T8]	NA	NA	<1,000 [<1,000]	2,16,000 [2,73,000]	129 [<50.0]	31,100 [21,600]
	8/19/2020	423 [485]	2,360 [2,390]	0.454 T8 [0.576 T8]	220 T8 [243 T8]	NA	NA	<10,000 [<2,000]	2,04,000 [1,61,000]	0.58 [1.53]	36,000 [29,600]
	11/5/2020	290,000 [287,000]	2,380 [2,310]	0.302 T8 [0.247 T8]	184 T8 [384 T8]	NA	NA	<100 [<100]	189,000 [248,000]	160 [<50]	36,700 [35,000]
	3/19/2021	461,000 [523,000]	2,640 [2,750]	0.159 T8 [3.73 T8]	256 T8 [345 T8]	NA	NA	<2,000 [<2,000]	191,000 [165,000]	77.0 [193]	36,300 [37,800]
	6/1/2021	475,000 [586,000]	2,730 [2,840]	<0.050 [1.560]	905 T8 [1,000 T8]	NA	NA	<2,000 [<100]	372,000 [310,000]	784 Q [230 Q]	35,600 [24,100]
	11/16/2021	413,000 [313,000]	2,300 [2,500]	<0.050 [1.560]	905 T8 [1,000 T8]	NA	NA	<2,000 [<100]	372,000 [310,000]	784 Q [230 Q]	35,600 [24,100]
	2/2/2022	298,000 [359,000]	2,350 [2,350]	522 [998]	1,750 T8 [5,500 T8]	NA [NA]	NA [NA]	<1,000 [<1,000]	337,000 [252,000]	33.3 J J4 [80.6 J4]	38,000 [32,100]
	5/4/2022	522,000 [488,000]	2,610 [2,720]	522 [998]	1,750 T8 [5,500 T8]	NA [NA]	NA [NA]	<1,000 [<1,000]	337,000 [252,000]	33.3 J J4 [80.6 J4]	38,000 [32,100]
	8/24/2022	326,000 [392,000]	2,420 [2,660]	2.60 [0.758]	1,890 T8 [7,050 T8]	NA	NA	<1,000 [<1,000]	267,000 [160,000]	<50.0 Q [<50.0 Q]	29,600 B [<1,000]
	11/29/2022	415,000 [375,000]	1,960 [2,040]	0.287 T8 [0.790 T8]	3,130 T8 [4,660 T8]	NA	NA	<5,000 [<5,000]	290,000 [357,000]	56.0 [<50.0]	26,200 [32,100]
	3/10/2023	563,000 [519,000]	2,560 [2,550]	2.08 [8.47]	692 T8 [458 T8]	NA	NA	<1,000 [<1,000]	154,000 [166,000]	6,210 [5,440]	6,530 [30,200]
	5/31/2023	518,000 [556,000]	2,300 [2,460]	0.261 [0.218]	249 T8 [496 T8]	NA [NA]	NA [NA]	<100 [<100]	185,000 [151,000]	<50.0 [7,970]	31,400 [32,000]
	8/30/2023	361,000 [575,000]	2,430 [2,730]	<0.1 [1.02]	3,860 T8 [562 T8]	NA	NA	<100 [<500]	284,000 [144,000]	31,200 [36,800]	35,200 [34,200]
	11/30/2023	360,000 [490, 000]	2,420 [2,560]	0.585 [1.06]	340 T8 [1,630 T8]	NA [NA]	NA [NA]	<1,000 [<5,000]	313,000 [134,000]	183 [101]	29,500 [24,300]
MW-24-D2	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	7,41,000 B	NA	NA	NA	NA	NA	NA	270,000	92,200	NA
	10/25/2016	512,000	NA	NA	NA	NA	NA	NA	374,000	48,000	NA
	10/25/2016	759,000	NA	NA	NA	NA	NA	NA	270,000	64,000	NA
	7/5/2017	667,000	4,060	1.8	< 100	< 50	< 0.050	NA	541,000	84,000	12,500 B
	8/27/2017	7,74,000 B	4,100	6.6	< 100	< 50	< 0.050	NA	346,000	61,800	11,600 B

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2	10/11/2017	804,000	3,720	5.5	< 100	< 50	< 0.050	NA	2,98,000 B	56,400	10,800 B
(cont.)	7/12/2018	1,14,000 B	182	1.1	< 100	51 H	0.020 J H	NA	28,000	800 J	NA
	10/17/2018	102,000	201	0.61	< 100	< 50	< 0.050	NA	29,900	800 J	NA
	5/9/2019	112,000	89	0.39	< 100 HF	18 J	0.038 J	NA	9,100	< 1,000	6,300 B
	9/13/2019	108,000	49	2	160 HF	1,200	0.013 J	NA	9,900	< 1,000	6,000
	12/5/2019	190,000	550	1.9	180 HF	< 100	< 0.1	NA	55,000	12,100	59,700
	2/11/2020	482,000	340	1.2	220 HF	30 J H	0.016 J	NA	48,000	< 1.0	23,200
	6/9/2020	267,000	805	<0.050 T8	492 T8	NA	NA	63.3 J	89,200	<50.0	13,700
	8/18/2020	235	728	<0.05 T8	1,160 T8	NA	NA	<500	98,300	<0.05	15,800
	11/5/2020	241,000	724	<0.05 T8	1,050 T8	NA	NA	<100	85,500	<50	19,200
	3/19/2021	607,000	2,240	1.14 T8	815 T8	NA	NA	<2,000	174,000	27 J	36,600
	6/1/2021	674,000	2,360	0.343	1,140 T8	NA	NA	<100	235,000	134 Q	38,100 B
	11/16/2021	320,000	854	0.343	1,140 T8	NA	NA	<100	235,000	134 Q	38,100 B
	2/2/2022	740,000	2,720	<50	978 T8	NA	NA	<500	235,000	<64 J4	36,000
	5/4/2022	752,000	3,770	<50	978 T8	NA	NA	<500	235,000	<64 J4	36,000
	8/24/2022	566,000	3,550	1.53	321 T8	NA	NA	<500	369,000	<50.0 Q	15,200 B
	11/29/2022	662,000	3,380	0.830 T8	<500 T8	NA	NA	<5,000	319,000	16,200	14,500 B
	3/10/2023	716,000	3,560	<0.05	1,410 T8	NA	NA	<500	257,000	74.0	18,300 B
	5/31/2023	709,000	3,340	1.130	704 T8	NA	NA	<100	246,000	175	8,930 B
	8/30/2023	677,000	3,590	1.45	536 T8	NA	NA	<100	163,000	35,600	18,100
	11/29/2023	813,000	3,550	0.485	1,160 T8	NA	NA	<100	188,000	107	19,700
MW-24-VDR	7/12/2018	4,54,000 B	16,000	37.8	100 HF	< 50	< 0.050	NA	1,640,000	< 1,000	NA
	10/17/2018	416,000	13,100	26.1	< 100	< 50	< 0.050	NA	1,300,000	< 1,000	NA
	5/9/2019	461,000	16,000	25.2	< 100 HF	10 J	0.063 J	NA	1,700,000	<1,000	7,700 B
	9/13/2019	295,000	7,300	8.2	700 HF	<100	0.010 J	NA	720,000	1,200	7,700
	12/5/2019	446,000	17,000	36.5	< 100 HF	< 100	< 0.10	NA	3,100,000	< 1,000	4,800
	2/11/2020	474,000	15,000	29.5	2000 HF	36 J H	0.013 J	NA	2,000,000	< 1,000	8,200
	6/9/2020	337,000	13,700	<0.100 T8	43,100 T8	NA	NA	<100	1,580,000	<50.0	7,030
	8/18/2020	332	12,800	12.8 T8	32,100 T8	NA	NA	<100	1,510,000	<0.05	8,400
	11/5/2020	388,000	15,800	2.71 T8	42,400 T8	NA	NA	<100	1,770,000	<50	6,760 B
	3/19/2021	459,000	17,300	31.6 T8	32,400 T8	NA	NA	<100	2,020,000	<50	11,300
	6/1/2021	413,000	15,500	<0.100	216,000 T8	NA	NA	<100	1,810,000	<50 Q	9,370 B
	11/16/2021	18,900 J	172	<0.100	216,000 T8	NA	NA	<100	1,810,000	<50 Q	9,370 B
	11/29/2022	71,300	273	<0.10	899 T8	NA	NA	<100	32,900	<50.0 J6	1,620 B
	3/10/2023	176,000	3,500	1.65	1,640 T8	NA	NA	371	407,000	<50.0	2,800 B
	5/31/2023	307,000	8,870	4.140	21,900 T8	NA	NA	<100	994,000	<50.0	2,580
	8/30/2023	128,000	1,230	4.9	478 T8	NA	NA	100 J	150,000	<50.0 J6	7,860
	11/29/2023	156,000	2,800	13	1,290 T8	NA	NA	<100	326,000	<50.0	2,180 B
MW-26-D1	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	5,69,000 B	NA	NA	NA	NA	NA	NA	139,000	70,600 F1	NA
	10/25/2016	479,000	NA	NA	NA	NA	NA	NA	252,000	48,000	NA
	10/25/2016	591,000	NA	NA	NA	NA	NA	NA	131,000	56,000	NA
	7/5/2017	542,000	2,520	0.23	< 100	< 50	< 0.050	NA	313,000	44,000	9,100 B
	8/27/2017	5,32,000 B	2,530	0.64	< 100	< 50	< 0.050	NA	203,000	43,200	10,800 B
	10/11/2017	177,000	483	0.19	< 100	600	5.1	NA	69,200	< 1,000	22,900 B
	7/13/2018	558,000	2,810	0.32	< 100	< 50	< 0.050	NA	237,000	44,800	NA
	10/17/2018	416,000	2,540	0.28	< 100	< 50	< 0.050	NA	2,64,000 B	28,400	NA
	9/13/2019	542,000	3,000	<0.10	170 HF	12 J B	0.012 J B	NA	98,000	23,600	33,000
	12/6/2019	405,000	2,000	0.25	110 HF	30 JB	0.010 J	NA	230,000	21,000	31,600
	2/11/2020	405,000	2,100	0.51	570 HF	NA	NA	NA	290,000	NA	32,800
	6/10/2020	438,000	2,400	<0.050 T8	557 T8	NA	NA	<1,000	343,000	123	28,100
	8/19/2020	500	2,360	1.01 T8	336 T8	NA	NA	<500	185,000	125	31,500
	11/6/2020	387,000	2,340	0.326 T8	228 T8	NA	NA	<100	203,000	<50	31,100
	6/2/2021	443,000	2,330	0.442	363 T8	NA	NA	<100	342,000	72	29,400

See notes on Page 61.

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-26-D1	8/12/2021	479,000	2,060	0.442	363 T8	NA	NA	<100	342,000	72	29,400
(cont.)	11/16/2021	418,000	2,290	0.442	363 T8	NA	NA	<100	342,000	72	29,400
	2/2/2022	411,000	2,500	42.2 J	110 T8	NA	NA	<500	297,000	<50	31,800
	5/5/2022	470,000	2,460	42.2 J	110 T8	NA	NA	<500	297,000	<50	31,800
	8/25/2022	456,000	2,300	<0.05	225 T8	NA	NA	<1000	178,000	<50.0 Q	28,800
	11/29/2022	483,000	2,160	0.479	31.0 JT8	NA	NA	<1,000	52,700	787	37,400
	3/10/2023	466,000	2,200	<0.05	771 T8	NA	NA	<100	200,000	<50.0	34,000
	6/1/2023	541,000	2,330	0.1	1,150 T8	NA	NA	<200	178,000	157	29,900
	9/1/2023	455,000	1,850	0.962	1,990 J5T8	NA	NA	<1,000	89,700	<1,250	41,300
MW-26-D2	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	344,000	NA	NA	NA	NA	NA	NA	1,200,000	1,700	NA
	10/25/2016	NA	NA	NA	NA	NA	NA	NA	NA	40,000	NA
	10/25/2016	653,000	NA	NA	NA	NA	NA	NA	382,000	36,000	NA
	7/5/2017	348,000	9,010	0.97	< 100	< 50	< 0.050	NA	1,580,000	24,400	4,300 B
	8/27/2017	379,000	7,980	0.97	< 100	< 50	< 0.050	NA	1,100,000	16,000	4,800 B
	10/11/2017	435,000	8,600	1.1	< 100	28 J	< 0.050	NA	1,100,000	26,800	8,800 B
	10/17/2018	509,000	3,820	0.15	< 100	< 50	< 0.050	NA	3,61,000 B	25,600	NA
	5/9/2019	684,000	5,000	0.47	< 100 HF	21 J	< 0.10	NA	350,000	54,600	14,600 B
	9/13/2019	702,000	4,000	0.21	<100 HF	<100	0.0071 J B	NA	280,000	57,000	14,900
	12/6/2019	628,000	4,000	< 0.1	270 HF	<100	< 0.10	NA	280,000	45,600	13,700
	2/11/2020	588,000	3,900	0.35	< 100 HF	18 J H	< 0.1	NA	420,000	28,200	15,400
	6/10/2020	671,000	4,390	<0.050 T8	279 T8	NA	NA	<1,000	368,000	282	13,200 B
	8/19/2020	638	4,160	0.242 T8	160 T8	NA	NA	<500	288,000	6.6	17,800
	11/16/2021	168,000	5,590	0.242 T8	160 T8	NA	NA	<500	288,000	6.6	17,800
MW-26-VD	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	1,76,000 B	NA	NA	NA	NA	NA	NA	497,000	6,000	NA
MW-27-D1R	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	7,95,000 B	NA	NA	NA	NA	NA	NA	290,000	97,300	NA
	7/5/2017	3,94,000 B	2,860	2.8	< 100	< 50	< 0.050	NA	308,000	14,400	13,700 B
	8/27/2017	884,000	5,640	1.3	< 100	< 50	< 0.050	NA	699,000	1,400	14,400 B
	7/13/2018	5,26,000 B	2,770	8	170 HF	< 50	< 0.050	NA	157,000	63,200	NA
	10/18/2018	725,000	3,890	2	91 J HF	< 50	< 0.050	NA	183,000	63,200	NA
	5/10/2019	579,000	3,500	50.7	910 HF	19 J	0.010 J	NA	260,000	37,600	17,600
	9/14/2019	724,000	3,400	12.4	420 HF	<100	0.0084 J B	NA	160,000	53,200	17,600
	12/5/2019	762,000	3,800	1.3	< 100	45 JB	< 0.10	NA	200,000	45,600	16,600
	8/19/2020	945	5,060	0.178 T8	10,400 T8	NA	NA	<2,000	310,000	93.7	18,700
	11/6/2020	652,000	3,870	10.4 T8	552 T8	NA	NA	<100	170,000	<50	14,400 B
	3/20/2021	788,000	4,300	8.07 T8	703 T8	NA	NA	<2,000	171,000	79.0	18,800 B
	6/2/2021	795,000	4,330	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	8/12/2021	839,000	3,970	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	11/17/2021	764,000	4,260	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	2/2/2022	675,000	4,100	3,020	751 T8	NA	NA	<2,000	177,000	4,520	14,400
	5/5/2022	842,000	4,230	3,020	751 T8	NA	NA	<2,000	177,000	4,520	14,400
	11/29/2022	389,000	4,690	<0.10	5,480 T8	NA	NA	<100	525,000	<50.0	6,990 B
	3/9/2023	765,000	3,680	0.113	258 T8	NA	NA	22,600	174,000	17,200	2,970 B
	5/31/2023	768,000	3,460	<0.05	118 T8	NA	NA	<100	177,000	9,030	13,600
	8/31/2023	772,000	3,730	<0.05	622 T8	NA	NA	<1,000	137,000 J	21,000	13,600
	11/29/2023	729,000	3,830	0.565	428 T8	NA	NA	<500	175,000	325	13,300
MW-27-D2	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	2,79,000 B	NA	NA	NA	NA	NA	NA	49,200	160	NA
	7/5/2017	4,08,000 B	6,330	12.4	< 100	< 50	< 0.050	NA	808,000	12,800	6,300 B
	8/27/2017	303,000	9,140	11.6	< 100	< 50	< 0.050	NA	1,300,000	16,600	4,800 B
	10/12/2017	374,000	8,290	9.1	450 HF	40 J	< 0.050	NA	11,20,000 B	8,800	4,700 B
	7/13/2018	3,63,000 B	7,510	4.6	< 100	< 50	< 0.050	NA	844,000	10,800	NA

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2	10/18/2018	195,000	8,300	2.8	< 100	< 50	< 0.050	NA	1,250,000	7,200	NA
(cont.)	5/10/2019	599,000	4,100	0.14	760 HF	29 J	< 0.10	NA	250,000	24,400	15,200
	9/14/2019	638,000	3,500	3.5	630 HF	26 J B	0.013 J B	NA	250,000	32,200	12,700
	12/5/2019	526,000	3,600	1.1	120 HF	< 100	0.011 J	NA	280,000	22,000	12,000
	2/12/2020	511,000	3,800	1.4	480 HF F1	31 J B	0.02 J B	NA	400,000	14,100	10,100
	6/10/2020	496,000	4,660	<0.100 T8	4,450 T8	NA	NA	<1,000	485,000	<50.0	9,620
	8/19/2020	397	3,690	<0.05 T8	1,470 T8	NA	NA	<100 J6	367,000	0.047 J	8,900
	11/6/2020	323,000	7,520	<0.1 T8	12,600 T8	NA	NA	461	1,100,000	<50	6,090
	3/20/2021	291,000	8,920	6.06 T8	4,550 T8	NA	NA	53.7 J J6	1,120,000	<50	6,900
	6/2/2021	275,000	9,290	5.12	7,580 T8	NA	NA	<100	1,100,000	<50	4,240 B
	8/12/2021	338,000	7,000	5.12	7,580 T8	NA	NA	<100	1,100,000	<50	4,240 B
	11/17/2021	252,000	6,730	5.12	7,580 T8	NA	NA	<100	1,100,000	<50	4,240 B
	2/2/2022	333,000	7,580	<100	16,800 T8	NA	NA	<100	1,020,000	<50	5,720
	5/5/2022	274,000	5,610	<100	16,800 T8	NA	NA	<100	1,020,000	<50	5,720
	8/25/2022	211,000	4,430	0.0213 J	8,390 T8	NA	NA	<100	5,95,000	<50.0 Q	10,500
	11/29/2022	639,000	3,900	<0.05	1,010 T8	NA	NA	<1,000	200,000	17,000	13,200
	3/9/2023	305,000	8,440	6.95	2,270 T8	NA	NA	<100	1,030,000	<50.0	8,140
	5/31/2023	336,000	6,600	<0.1	16,600 T8	NA	NA	<100	813,000	<50.0	5,580
	8/31/2023	326,000	7,340	<0.1	15,500 T8	NA	NA	<100	811,000	<50.0	5,440
	11/29/2023	377,000	6,350	13	571 T8	NA	NA	<100	797,000	<50.0	6,530
MW-28-D1	6/24/2016	7,45,000 B	NA	NA	NA	NA	NA	NA	155,000	54,400	NA
	7/28/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	457,000	3,120	3.6	< 100	< 50	< 0.050	NA	340,000	4,000	13,000 B
	8/27/2017	393,000	3,310	0.74	< 100	< 50	< 0.050	NA	349,000	18,200	14,400 B
	10/11/2017	196,000	1,530	0.95	< 100	< 50	< 0.050	NA	196,000	32,800	23,900 B
	10/17/2018	102,000	945	0.98	< 100	76	0.044 J	NA	231,000	7,200	NA
	5/9/2019	667,000	3,300	1.9	600 HF	< 100	0.016 J	NA	170,000	45,200	12,900 B
	9/13/2019	735,000	2,900	<0.10	560 HF	<100	0.014 J B	NA	81,000	51,400	14,800
	12/5/2019	337,000	1,800	<0.10	100 HF	21 JB	0.017 J	NA	280,000	1,600	17,300
	2/11/2020	495,000	1,900	<0.10	280 HF	22 J H	0.018 J	NA	290,000	50,900	17,700
	6/9/2020	472,000	2,570	<0.050 T8	522 T8	NA	NA	<100	343,000	<50.0	15,300 B
	8/19/2020	496	2,490	0.0216 JT8	145 T8	NA	NA	<100	304,000	<0.05	31,300
	11/6/2020	548,000	3,110	<0.05 T8	160 T8	NA	NA	<100	178,000	190	16,500
	6/2/2021	305,000	1,410	<0.050	247 T8	NA	NA	<100	272,000	29.0 J	9,410
	8/12/2021	485,000	1,970	<0.050	247 T8	NA	NA	<100	272,000	29.0 J	9,410
	11/16/2021	104,000	202	<0.050	247 T8	NA	NA	<100	272,000	29.0 J	9,410
	2/2/2022	125,000	157	52.2	188 T8	NA	NA	1,010	228,000	<50	24,200
	5/5/2022	294,000	1,130	52.2	188 T8	NA	NA	1,010	228,000	<50	24,200
	8/25/2022	254,000	565	<0.05	1,548 T8	NA	NA	116	207,000	<50.0 Q	18,500
	11/29/2022	293,000	672	0.0229 J	376 T8	NA	NA	123	211,000	102	31,900
	3/9/2023	717,000	3,500	<0.05	677 T8	NA	NA	<500	242,000	14,000	11,700
	6/1/2023	736,000	3,680	0.116	265 T8	NA	NA	<200	177,000	9,370	12,700
	8/31/2023	593,000	2,850	1.65	981 T8	NA	NA	<1,000	206,000 J	91.0	25,600
	11/29/2023	334,000	1,200	0.1	225 T8	NA	NA	265	287,000	<50.0	34,600
MW-28-D2R	6/24/2016	182,000	NA	NA	NA	NA	NA	NA	1,080,000	< 100	NA
	7/28/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	334,000	9,090	6.7	92 J HF	< 50	< 0.050	NA	1,620,000	2,400	4,000 B
	8/27/2017	3,37,000 B	11,300 B	5.6	420 HF	< 50	< 0.050	NA	1,370,000	4,000	4,800 B
	10/11/2017	412,000	6,670	9.1	160 HF	< 50	< 0.050	NA	938,000	3,600	4,500 B
	7/13/2018	4,68,000 B	4,010	5.2	< 100	< 50	< 0.050	NA	432,000	11,200	NA
	10/17/2018	333,000	9,820	2.2	< 100	260	< 0.050	NA	1,330,000	3,200	NA
	5/9/2019	385,000	7,600	0.37	200 HF	< 100	0.036 J	NA	870,000	10,900	9,400 B
	9/13/2019	428,000	4,600	0.25	200 HF	23 J B	0.020 J B	NA	530,000	6,100	8,800
	12/6/2019	349,000	7,400	0.3	160 HF	25 JB	0.015 J	NA	850,000	5,000	6,600

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Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

ARCADIS

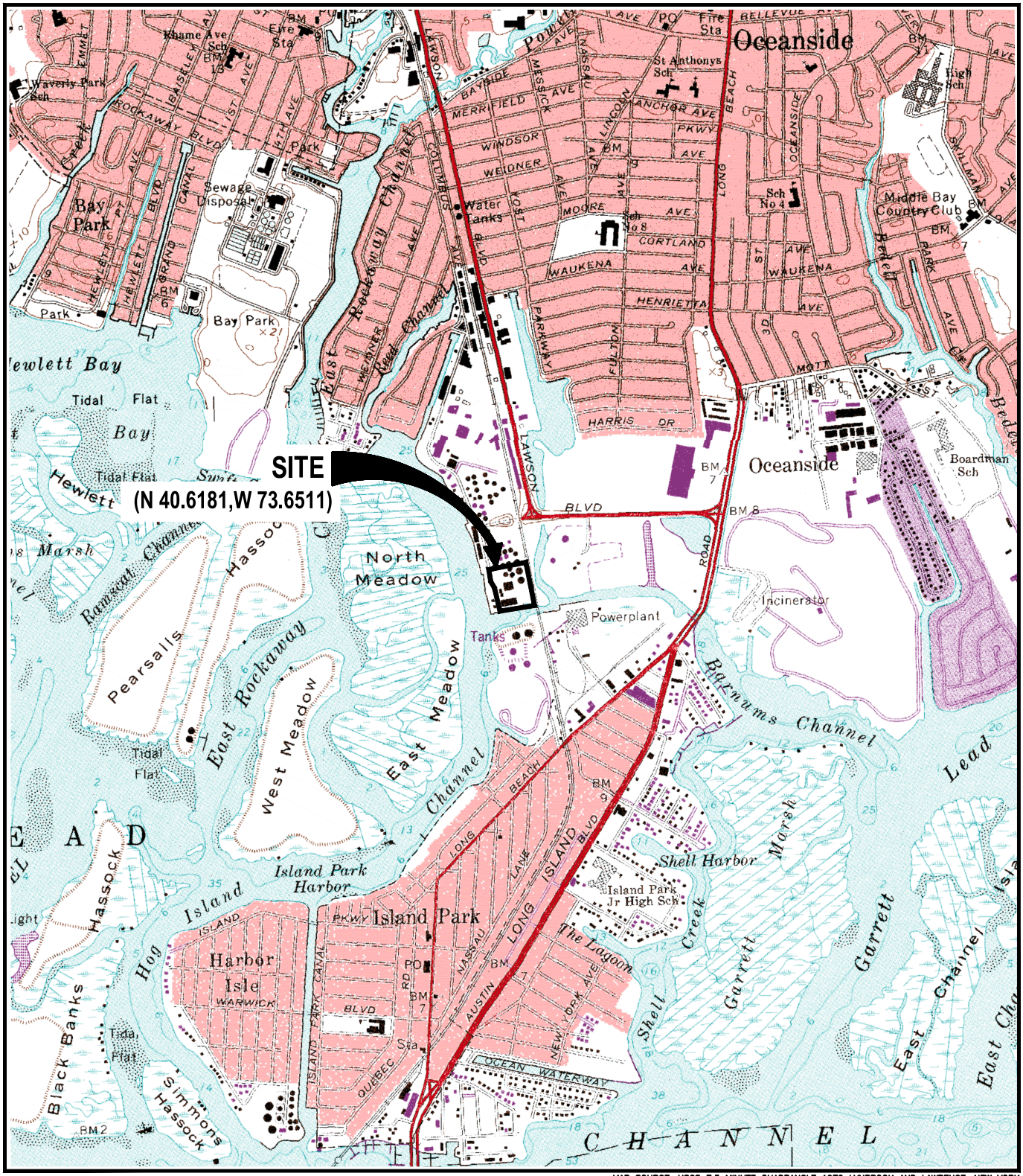
Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R	2/11/2020	276,000	3,600	0.25	100 U HF	140 H	0.014 J	NA	440,000	11,500	8,300
(cont.)	6/9/2020	339,000	18,800	<0.100 T8	6,540 T8	NA	NA	55.8 J	2,220,000	<50.0	5,920
	8/19/2020	343	9,550	43.8 T8	4,540 T8	NA	NA	<100	1,140,000	<0.05	6,560
	11/6/2020	395,000	6,460	<0.1 T8	8,800 T8	NA	NA	138	618,000	<50	6,560
	3/20/2021	347,000	10,800	3.66 T8	566 T8	NA	NA	217	1,270,000	<50	6,950
	6/2/2021	348,000	10,900	6.27	846 T8	NA	NA	<100	1,280,000	<50	5,730 B
	8/12/2021	369,000	7,480	6.27	846 T8	NA	NA	<100	1,280,000	<50	5,730 B
	11/16/2021	341,000	5,880	6.27	846 T8	NA	NA	<100	1,280,000	<50	5,730 B
	2/2/2022	337,000	9,970	<100	10,700 T8	NA	NA	91.6 J	1,310,000	<50	5,570
	5/5/2022	434,000	5,580	<100	10,700 T8	NA	NA	91.6 J	1,310,000	<50	5,570
	8/25/2022	376,000	3,850	<0.05	1,770 T8	NA	NA	<500	449,000	<50.0 Q	7,250
	11/29/2022	330,000	3,550	0.698	252 T8	NA	NA	<100	389,000	<50.0	5,730 B
	3/9/2023	401,000	4,350	<0.05	403 T8	NA	NA	<500	484,000	<50.0	8,580
	6/1/2023	158,000	1,730	<0.05	493 T8	NA	NA	<100	221,000	<50.0	6,790
	8/31/2023	360,000	3,910	0.0153 J	176 T8	NA	NA	<100	351,000 J	<50.0	6,700
	11/29/2023	411,000	4,450	0.206	520 T8	NA	NA	72.0 J	506,000	<50.0	6,420
MW-29-D1	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	5,67,000 B	NA	NA	NA	NA	NA	NA	< 5000	230	NA
	10/26/2016	540,000	NA	NA	NA	NA	NA	NA	< 5000	1,200	NA
	10/26/2016	547,000	NA	NA	NA	NA	NA	NA	1,800 J	< 2,000	NA
	7/5/2017	556,000	1,610	0	< 100	< 50	< 0.050	NA	< 1,00,000	800 J	13,500 B
	8/27/2017	5,60,000 B	1,580	2.4	< 100	< 50	< 0.050	NA	< 1,00,000	101,000	12,900 B
	10/12/2017	619,000	1,530	3.4	< 100	< 50	< 0.050	NA	< 40,000	1,200	11,300 B
	7/13/2018	5,63,000 B	1,680	1.3	< 100	< 50	< 0.050	NA	< 40,000	1,200	NA
	10/18/2018	535,000	1,550	1.5	< 100	< 50	< 0.050	NA	13,600 J	800 J	NA
	5/10/2019	469,000	1,700	1.4	63 J HF	< 100	0.026 J	NA	13,000	1,100	14,200
	9/14/2019	40,100	58	4.3	110 HF	<100	0.016 J B	NA	6,900	830 J	10,000
	12/6/2019	63,500	130	0.67	< 100	53 J B	0.036 J	NA	16,000	< 1,000	29,500
	2/12/2020	62,700	160	1.8	230 HF		0.018 J B	NA	17,000	910 J	3,400
	6/10/2020	273,000	1,050	0.379 T8	362 T8	NA	NA	<100	72,600	<50.0	16,400
	8/19/2020	256	950	1.13 T8	232 T8	NA	NA	107	60,500	0.031 J	18,700
	11/6/2020	208,000	795	<0.05 T8	204 T8	NA	NA	<100	43,800	<50	17,200
	3/20/2021	285,000	975	4.55 T8	4,200 T8	NA	NA	<2,000	44,500	<50	17,700 B
	6/2/2021	174,000	566	40.4	2,190 T8	NA	NA	<100	39,200	29.0 J	11,000 B
	8/12/2021	235,000	787	40.4	2,190 T8	NA	NA	<100	39,200	29.0 J	11,000 B
	5/5/2022	266,000	930 E V	40.4	2,190 T8	NA	NA	<100	39,200	29.0 J	11,000 B
	11/29/2022	41,400	29	<0.10	1,590 T8	NA	NA	65.9 J	6,840	25.0 J	5,660 B
	3/10/2023	669,000	577	<0.10	14,800 T8	NA	NA	<100	93,700	<50.0	2,040 B
	6/1/2023	141,000	426	0.889	2,360 T8	NA	NA	<100	21,300 J	<50.0	2,900
	9/1/2023	34,200	14.0	<0.1	5,320 T8	NA	NA	<100	2,680 J	5,340	13,600
	11/30/2023	165,000	420	<0.1	24,900 T8	NA	NA	<100	14,800	33.0 J	10,700
MW-29-D2	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	4,53,000 B	NA	NA	NA	NA	NA	NA	939,000	17,000	NA
MW-29-VD	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	2,29,000 B	NA	NA	NA	NA	NA	NA	1,890,000	< 100	NA
MW-30-D1	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	8,41,000 B	NA	NA	NA	NA	NA	NA	NA	92,700	NA
MW-30-D2	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	7,55,000 B	NA	NA	NA	NA	NA	NA	NA	64,100 F1	NA
MW-30-VD	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	7,13,000 B	NA	NA	NA	NA	NA	NA	NA	< 100	NA
MW-31-D1R	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	2,21,000 B	NA	NA	NA	NA	NA	NA	NA	600	NA
MW-31-D2R	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	5,08,000 B	NA	NA	NA	NA	NA	NA	NA	2,800	NA

See notes on Page 61.

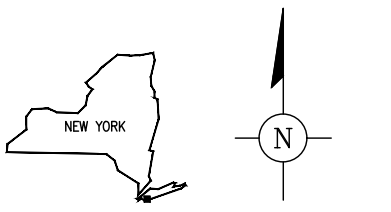
Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through November 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Notes:
ID = Identification
NYS = New York State
NYS Class GA Standards are listed in the NYSDEC TOGS No. 1.1.1 Standards and Guidance Values
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
* = guidance value listed in NYSDEC TOGS 1.1.1
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.
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
Q = One or more quality control criteria failed
* = 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



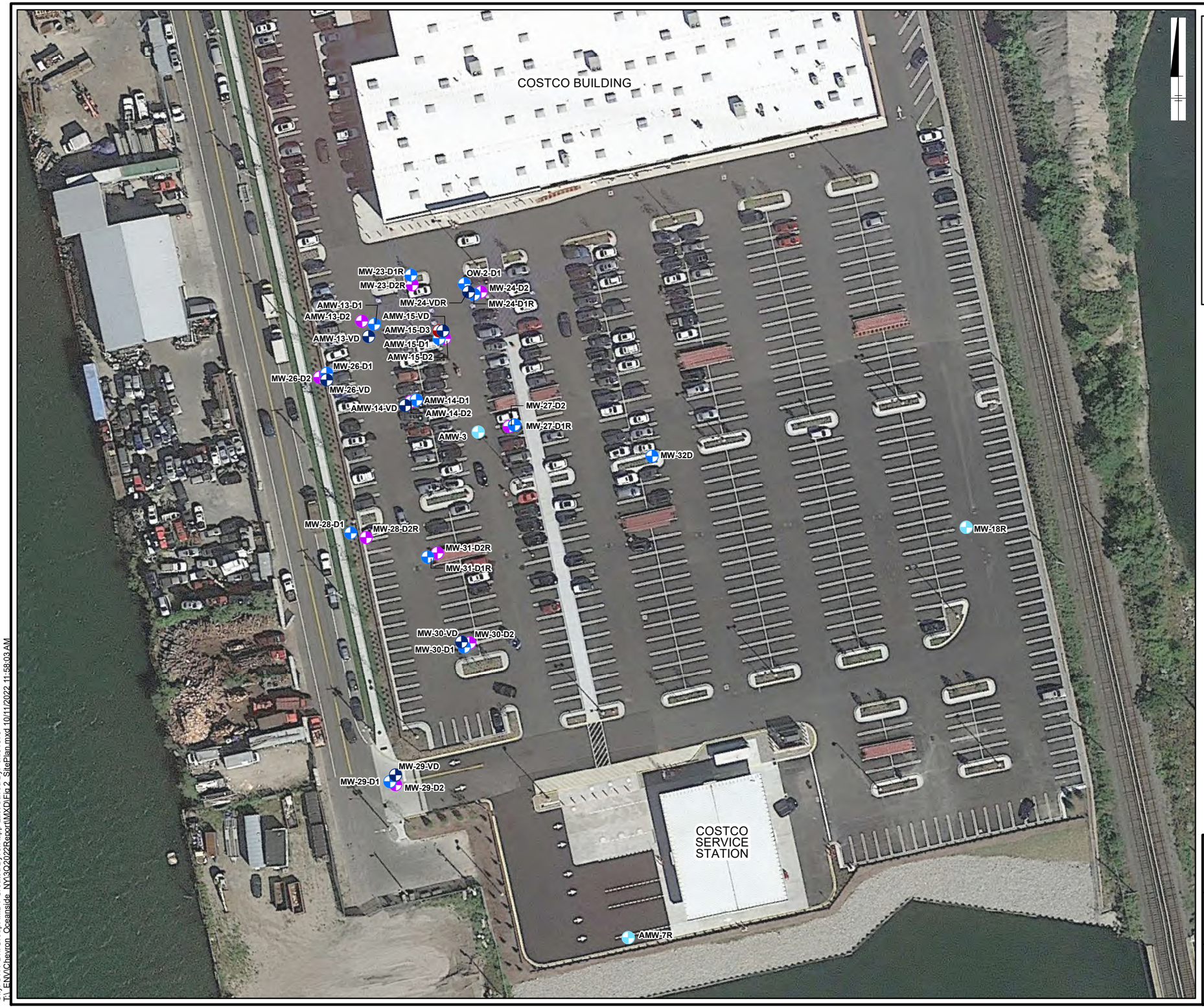
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

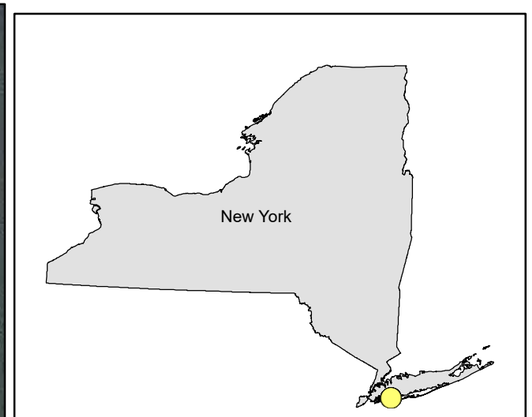
SITE LOCATION MAP

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.

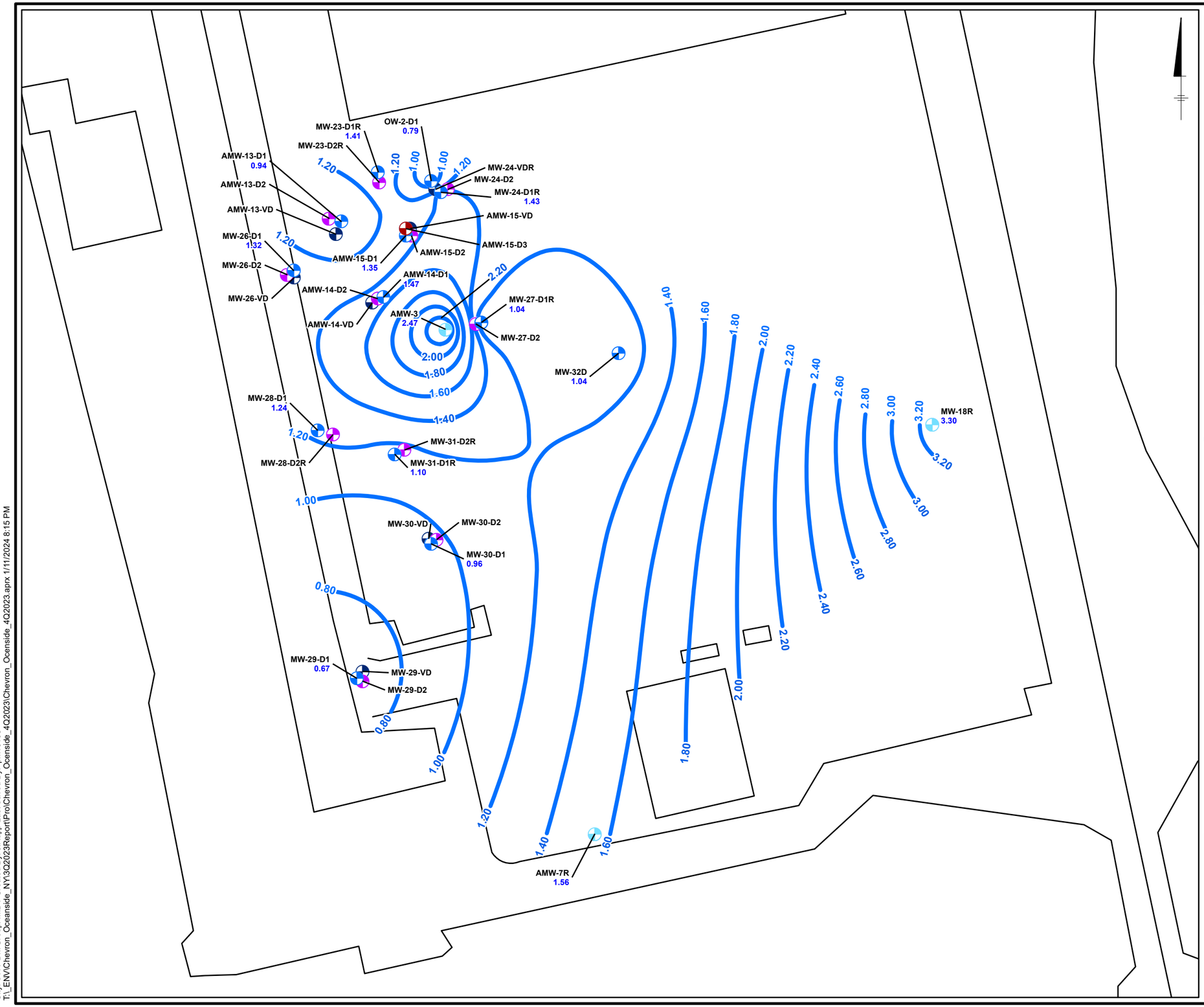
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

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)
- 1.04 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

0 70 140 Feet

GRAPHIC SCALE

NOTE:

1. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

D1 HORIZON GROUNDWATER CONTOUR MAP NOVEMBER 29, 2023

ARCADIS

FIGURE 3

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: pmv9108
T:_ENV\Chevron_Oceanside_NY\3Q2023Report\Pro\Chevron_Oceanside_4Q2023\Chevron_Oceanside_4Q2023.aprx 1/11/2024 8:15 PM

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)
- 0.90 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- NM NOT MEASURED DUE TO OBSTRUCTION

0 70 140 Feet

GRAPHIC SCALE

NOTE:

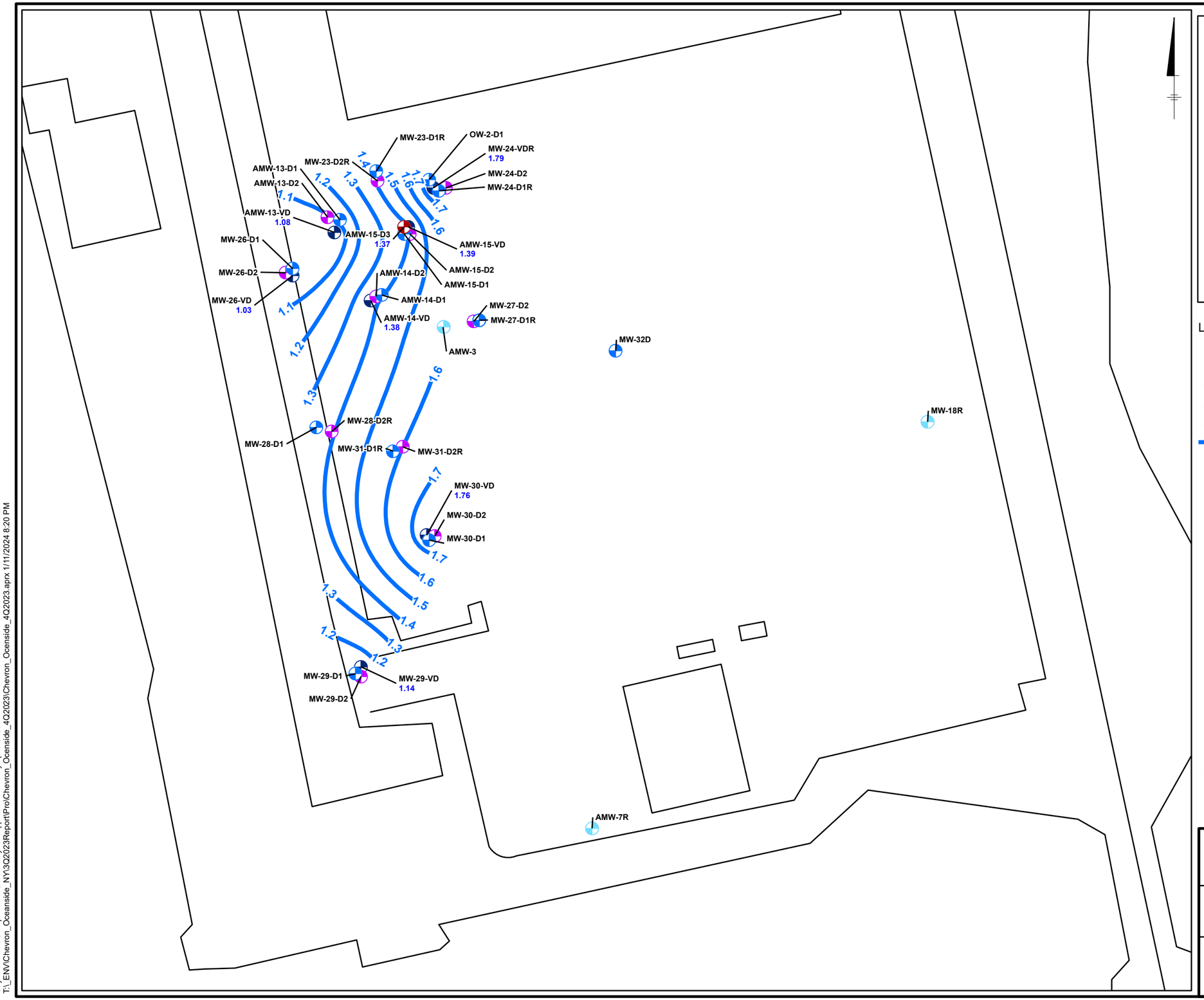
1. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

D2 HORIZON GROUNDWATER CONTOUR MAP NOVEMBER 29, 2023

ARCADIS

FIGURE 4



New York

SITE LOCATION

LEGEND:

- SHALLOW FILL UNIT MONITORING WELLS
- D1 HORIZON MONITORING WELLS
- D2 HORIZON MONITORING WELLS
- D3 HORIZON MONITORING WELLS
- VD HORIZON MONITORING WELLS
- GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- 1.39 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

0 70 140 Feet

GRAPHIC SCALE

NOTE:

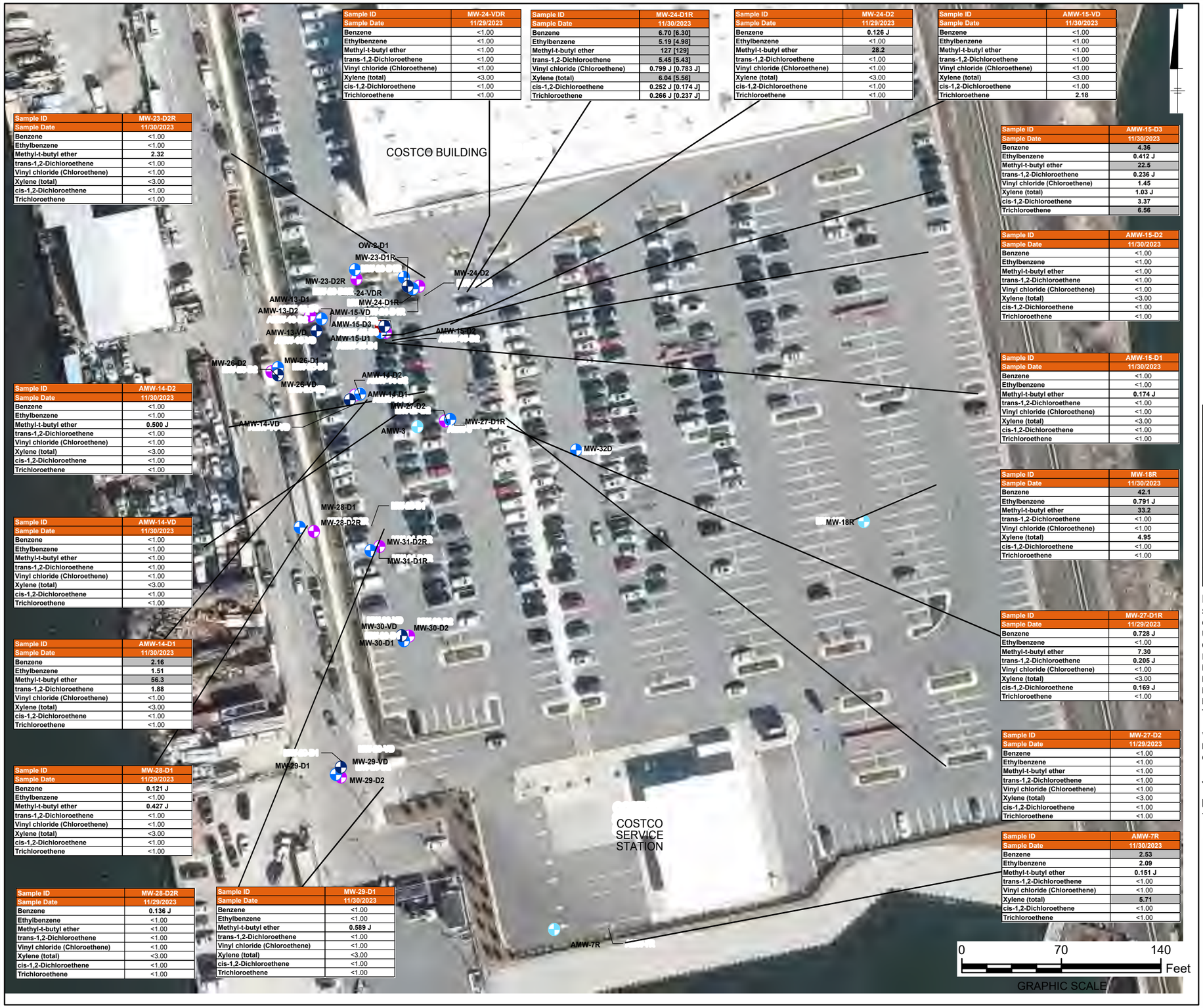
1. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

VD HORIZON GROUNDWATER CONTOUR MAP NOVEMBER 29, 2023

ARCADIS

FIGURE 5



Sample ID	MW-24-VDR
Sample Date	11/29/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-24-D1R
Sample Date	11/30/2023
Benzene	6.70 [6.30]
Ethylbenzene	5.19 [4.98]
Methyl-t-butyl ether	127 [129]
trans-1,2-Dichloroethene	5.45 [5.43]
Vinyl chloride (Chloroethene)	0.799 J [0.783 J]
Xylene (total)	6.04 [5.56]
cis-1,2-Dichloroethene	0.252 J [0.174 J]
Trichloroethene	0.266 J [0.237 J]

Sample ID	MW-24-D2
Sample Date	11/29/2023
Benzene	0.126 J
Ethylbenzene	<1.00
Methyl-t-butyl ether	28.2
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-15-VD
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	2.18

Sample ID	MW-23-D2R
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	2.32
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-15-D3
Sample Date	11/30/2023
Benzene	4.36
Ethylbenzene	0.412 J
Methyl-t-butyl ether	22.5
trans-1,2-Dichloroethene	0.236 J
Vinyl chloride (Chloroethene)	1.45
Xylene (total)	1.03 J
cis-1,2-Dichloroethene	3.37
Trichloroethene	6.56

Sample ID	AMW-15-D2
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-D2
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.500 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-15-D1
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.174 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-VD
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-18R
Sample Date	11/30/2023
Benzene	42.1
Ethylbenzene	0.791 J
Methyl-t-butyl ether	33.2
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	4.95
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-D1
Sample Date	11/30/2023
Benzene	2.16
Ethylbenzene	1.51
Methyl-t-butyl ether	56.3
trans-1,2-Dichloroethene	1.88
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-27-D1R
Sample Date	11/29/2023
Benzene	0.728 J
Ethylbenzene	<1.00
Methyl-t-butyl ether	7.30
trans-1,2-Dichloroethene	0.205 J
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.169 J
Trichloroethene	<1.00

Sample ID	MW-28-D1
Sample Date	11/29/2023
Benzene	0.121 J
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.427 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-27-D2
Sample Date	11/29/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-28-D2R
Sample Date	11/29/2023
Benzene	0.136 J
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-29-D1
Sample Date	11/30/2023
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.589 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-7R
Sample Date	11/30/2023
Benzene	2.53
Ethylbenzene	2.09
Methyl-t-butyl ether	0.151 J
trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	5.71
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	NYS CLASS GA STANDARD
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:

SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY
CONCENTRATIONS ARE IN MICROGRAMS PER LITER (UG/L)
ID = IDENTIFICATION
NYS = NEW YORK STATE
NYS CLASS GA (GROUNDWATER) STANDARDS AND GUIDANCE VALUES LISTED IN NYSDEC TOGS 1.1.1
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
* = GUIDANCE VALUE LISTED IN NYSDEC TOGS 1.1.1
BOLDED VALUES = COMPOUND DETECTED
GREY SHADED CELLS = CONCENTRATION ABOVE THE NYS CLASS GA STANDARD/GUIDANCE VALUE
J = THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
[ ] = DUPLICATE ANALYSIS RESULTS
< = LESS THAN INDICATED REPORTING LIMIT

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS NOVEMBER 29 AND 30, 2023

ARCADIS

FIGURE 6

Attachment 1

Groundwater Gauging and Sampling Logs

SG+FB
11/29/23

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

Monitoring Well	Date 11/29/23	Well Diameter (in)	Well Depth (ft btoc)	Top of Casing Elevation (ft)*	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)
AMW-3	~~1923~~	2	12.42	9.05	8.58	12.40
AMW-13-D1	1932	2	34.01	9.87	8.93	32.87
AMW-13-D2	1934	2	43.95	9.76	8.99	42.77
AMW-13-VD	1938	2	71.82	9.77	8.59	70.38
OW-2-D1	1941	2	33.95	9.94	9.13	43.70
MW-26-VD	1945	2	68.25	9.99	8.76	67.14
MW-29-D2		2	39.82	5.38	4.85	37.77
MW-29-VD		2	67.22	5.27	4.73	94.71
MW-30-D1	1951	2	30	8.74	7.78	29.58
MW-30-D2	1953	2	46.63	8.72	7.67	40.32
MW-30-VD	1954	4	83.40	8.70	6.94	83.05
MW-31-D1R	2012	2	30.04	8.39	7.24	30.03
MW-31-D2R	2015	2	45.15	8.35	7.45	45.97
MW-32D	2017	2	37.45	8.85	7.81	35.47
MW-27-D2	2020	2	46.97	9.09	7.79	46.34
MW-28-D2R	2023	2	46.69	8.40	7.13	46.41
MW-24-D2	2035	2	42.20	10.00	8.74	41.60
MW-24-VDR	2034	2	73.98	9.72	7.93	67.65
AMW-15-VD	2040	2	72.15	9.82	8.43	71.09
AMW-7R	2043	2	14.42	9.95	8.39	13.83
AMW-14-VD	2045	2	75.61	9.25	7.87	74.41
AMW-14-D2	2047	2	43.17	9.37	7.92	42.57
MW-28-D1	2051	2	30.38	8.25	7.01	30.02
MW-26-D2	2053	2	43.76	9.40	~~8.04~~	8.04
MW-23-D2R	2057	2	44.63	10.52	9.08	45.97
AMW-15-D2	2103	2	36.2	9.71	8.31	39.98
AMW-15-D3	2104	2	48.6	9.81	8.44	48.05
MW-23-D1R	2058	2	25.78	9.84	8.43	24.37
AMW-15-D1	2106	2	36.2	9.74	8.39	35.74
MW-27-D1R	2110	2	32.99	9.01	7.97	32.24
MW-26-D1	2054	2	28.8	9.95	8.68	29.50
MW-29-D1	2113	2	23.45	5.21	4.54	21.83
MW-18R	2117	2	10.17	7.98	4.58	9.93
AMW-14-D1	2048	2	33.15	9.38	7.91	32.57
MW-24-D1R	2125	2	32.23	9.82	~~8.34~~ 8.34	31.42

- Absorbent Sock
- Hydrasleeve fell down well previous event
- Hydrasleeve was punctured at bottom & contained no water
- Collect 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: SG + FB

Date: 11/29/23 - 11/30/23

Weather:

Well ID	Time	pH	Temp (dep C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mV)	Notes	DTB
MW-27-D1R	2215	6.67	13.47	10.65	0.99	-289.2		32.24
MW-27-D2	2210	6.82	4.71	3.543	14.92	-200.2		46.39
MW-24-D2	2300	6.77	13.45	10.62	11.32	-320.5		41.60
MW-24-VDR	2255	7.35	16.46	0.469	7.99	-282.6		67.65
MW-28-D1	2353	7.34	13.38	1.494	10.34	-208.3		30.02
MW-28-D2R	2345	7.99	16.49	2.662	8.61	-213.2		46.41
AMW-15-VD	0105	8.47	12.48	0.100	10.84	-225.4		71.09
AMW-15-D1	0100	7.26	6.57	7.238	13.59	-274.6		35.74
AMW-15-D3	0135	7.43	12.13	10.92	12.59	-336.7		48.05
AMW-15-D2	0135	8.95	17.65	0.313	9.05	-238		39.98
MW-18R	1950	6.54	13.03	0.731	17.69	-95.1		9.93
AMW-7R	2015	7.38	15.79	0.782	13.96	-105.9		13.85
MW-14-VD	2050	6.84	14.14	2.53	12.83	-171.3		74.41
MW-14-D1	2045	7.63	11.96	5.934	15.69	-312.7		32.67
MW-14-D2	2135	7.07	12.96	0.665	14.21	-320.3		42.67
MW-24-D1R	2220	7.30	13.47	7.677	13.88	-321.0	BD collected	31.42
MW-23-D2R	2210	8.22	14.75	2785	13.26	-237.4	PVC is bent ~4ft down	45.97
MW-26-D1	2320	—	—	—	—	—	Hydrasleeve discovered to be punctured and could not sample. Redeployed new sleeve	TD 29.50
MW-23-D1R	2340	—	—	—	—	—	previous dropped hydrasleeve retrieved. New one deployed	24.37
MW-29-D1	2345	8.37	13.54	0.871	11.41	-210.7		21.83
MW-26-D2							obstruction	@ 8.04

11/29/23

11/30/23

Attachment 2

Laboratory Analytical Report

ANALYTICAL REPORT

December 26, 2023

Arcadis - Chevron - NY

Sample Delivery Group:	L1683632
Samples Received:	12/02/2023
Project Number:	30062947.19.45
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

TABLE OF CONTENTS

MW-27-D2-W-231129 L1683632-01 GW

Collected by	Collected date/time	Received date/time
	11/29/23 22:10	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:02	12/07/23 02:02	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:01	12/07/23 14:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:01	12/07/23 14:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	1	12/03/23 11:52	12/03/23 11:52	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:17	12/05/23 22:17	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:37	12/03/23 12:37	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 01:43	12/12/23 01:43	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 01:57	12/12/23 01:57	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193675	1	12/22/23 17:32	12/22/23 17:32	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:02	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 16:36	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 10:53	12/10/23 10:53	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 03:28	12/09/23 03:28	JCP	Mt. Juliet, TN

MW-28-D2R-W-231129 L1683632-02 GW

Collected by	Collected date/time	Received date/time
	11/29/23 23:45	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:05	12/07/23 02:05	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:08	12/07/23 14:08	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:08	12/07/23 14:08	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	1	12/03/23 11:53	12/03/23 11:53	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:18	12/05/23 22:18	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:37	12/03/23 12:37	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 02:10	12/12/23 02:10	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 02:24	12/12/23 02:24	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193675	1	12/22/23 17:54	12/22/23 17:54	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:05	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 16:39	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 10:58	12/10/23 10:58	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 03:50	12/09/23 03:50	JCP	Mt. Juliet, TN

MW-24-D2-W-231129 L1683632-03 GW

Collected by	Collected date/time	Received date/time
	11/29/23 23:00	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:08	12/07/23 02:08	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:13	12/07/23 14:13	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:13	12/07/23 14:13	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	1	12/03/23 11:53	12/03/23 11:53	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:27	12/05/23 22:27	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:38	12/03/23 12:38	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 02:38	12/12/23 02:38	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 02:51	12/12/23 02:51	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193675	5	12/22/23 18:21	12/22/23 18:21	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:08	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 16:54	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 11:01	12/10/23 11:01	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 04:13	12/09/23 04:13	JCP	Mt. Juliet, TN

MW-24-VDR-W-231129 L1683632-04 GW

Collected by	Collected date/time	Received date/time
	11/29/23 22:55	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:11	12/07/23 02:11	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:19	12/07/23 14:19	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:19	12/07/23 14:19	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	1	12/03/23 11:54	12/03/23 11:54	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:28	12/05/23 22:28	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:39	12/03/23 12:39	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 03:05	12/12/23 03:05	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 03:46	12/12/23 03:46	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193675	1	12/22/23 18:43	12/22/23 18:43	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:11	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	10	12/05/23 21:12	12/07/23 16:57	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 11:10	12/10/23 11:10	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 04:35	12/09/23 04:35	JCP	Mt. Juliet, TN

AMW-15-VD-W-231130 L1683632-05 GW

Collected by	Collected date/time	Received date/time
	11/30/23 01:05	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:19	12/07/23 02:19	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:25	12/07/23 14:25	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:25	12/07/23 14:25	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	1	12/03/23 11:54	12/03/23 11:54	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:29	12/05/23 22:29	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:39	12/03/23 12:39	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 04:00	12/12/23 04:00	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/21/23 16:42	12/21/23 16:42	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:19	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 11:13	12/10/23 11:13	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 04:57	12/09/23 04:57	JCP	Mt. Juliet, TN

AMW-7R-W-231130 L1683632-06 GW

Collected by	Collected date/time	Received date/time
	11/30/23 20:15	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:22	12/07/23 02:22	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:29	12/07/23 14:29	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:29	12/07/23 14:29	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	10	12/03/23 11:54	12/03/23 11:54	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:31	12/05/23 22:31	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:39	12/03/23 12:39	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 04:55	12/12/23 04:55	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/21/23 18:04	12/21/23 18:04	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:22	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 11:16	12/10/23 11:16	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186635	10	12/10/23 15:57	12/10/23 15:57	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 05:19	12/09/23 05:19	JCP	Mt. Juliet, TN

AMW-14-VD-W-231130 L1683632-07 GW

Collected by	Collected date/time	Received date/time
	11/30/23 20:50	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:25	12/07/23 02:25	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:33	12/07/23 14:33	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:33	12/07/23 14:33	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181899	25	12/03/23 11:55	12/03/23 11:55	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:32	12/05/23 22:32	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:40	12/03/23 12:40	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 05:09	12/12/23 05:09	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/21/23 19:00	12/21/23 19:00	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:25	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	10	12/05/23 21:12	12/07/23 17:00	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2185239	1	12/10/23 11:23	12/10/23 11:23	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 05:42	12/09/23 05:42	JCP	Mt. Juliet, TN

AMW-14-D2-W-231130 L1683632-08 GW

Collected by	Collected date/time	Received date/time
	11/30/23 21:35	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:28	12/07/23 02:28	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:48	12/07/23 14:48	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:48	12/07/23 14:48	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:25	12/03/23 15:25	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:33	12/05/23 22:33	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:40	12/03/23 12:40	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 05:22	12/12/23 05:22	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 05:36	12/12/23 05:36	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/21/23 19:29	12/21/23 19:29	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:28	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 17:03	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:01	12/11/23 11:01	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 06:05	12/09/23 06:05	JCP	Mt. Juliet, TN

MW-28-D1-W-231129 L1683632-09 GW

Collected by	Collected date/time	Received date/time
	11/29/23 23:53	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:30	12/07/23 02:30	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:53	12/07/23 14:53	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:53	12/07/23 14:53	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:25	12/03/23 15:25	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:34	12/05/23 22:34	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:41	12/03/23 12:41	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	20	12/12/23 06:31	12/12/23 06:31	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	5	12/12/23 05:50	12/12/23 05:50	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/22/23 21:48	12/22/23 21:48	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:30	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 17:06	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:03	12/11/23 11:03	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 06:27	12/09/23 06:27	JCP	Mt. Juliet, TN

MW-23-D2R-W-231130 L1683632-10 GW

Collected by	Collected date/time	Received date/time
	11/30/23 22:10	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:33	12/07/23 02:33	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 14:57	12/07/23 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 14:57	12/07/23 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:26	12/03/23 15:26	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:36	12/05/23 22:36	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:42	12/03/23 12:42	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 06:45	12/12/23 06:45	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	5	12/12/23 06:59	12/12/23 06:59	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/22/23 22:09	12/22/23 22:09	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:33	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 17:09	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:08	12/11/23 11:08	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 06:50	12/09/23 06:50	JCP	Mt. Juliet, TN

AMW-15-D2-W-231130 L1683632-11 GW

Collected by	Collected date/time	Received date/time
	11/30/23 01:35	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:36	12/07/23 02:36	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 15:01	12/07/23 15:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 15:01	12/07/23 15:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:26	12/03/23 15:26	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:37	12/05/23 22:37	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:42	12/03/23 12:42	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 07:12	12/12/23 07:12	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/22/23 23:14	12/22/23 23:14	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:36	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:12	12/11/23 11:12	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 07:12	12/09/23 07:12	JCP	Mt. Juliet, TN

AMW-15-D3-W-231130 L1683632-12 GW

Collected by	Collected date/time	Received date/time
	11/30/23 01:35	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:39	12/07/23 02:39	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 15:06	12/07/23 15:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 15:06	12/07/23 15:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	25	12/03/23 15:27	12/03/23 15:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:38	12/05/23 22:38	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:42	12/03/23 12:42	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 07:26	12/12/23 07:26	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 07:40	12/12/23 07:40	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/22/23 23:55	12/22/23 23:55	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:39	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 17:12	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:15	12/11/23 11:15	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 07:35	12/09/23 07:35	JCP	Mt. Juliet, TN

AMW-15-D1-W-231130 L1683632-13 GW

Collected by | Collected date/time 11/30/23 01:00 | Received date/time 12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:42	12/07/23 02:42	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 08:52	12/11/23 08:52	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 08:52	12/11/23 08:52	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:27	12/03/23 15:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	5	12/06/23 21:34	12/06/23 21:34	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:43	12/03/23 12:43	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 07:53	12/12/23 07:53	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 08:07	12/12/23 08:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 00:21	12/23/23 00:21	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:42	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:22	12/11/23 11:22	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 07:57	12/09/23 07:57	JCP	Mt. Juliet, TN

MW-27-D1R-W-231129 L1683632-14 GW

Collected by | Collected date/time 11/29/23 22:15 | Received date/time 12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 02:45	12/07/23 02:45	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 08:42	12/11/23 08:42	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 08:42	12/11/23 08:42	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:27	12/03/23 15:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	5	12/05/23 22:43	12/05/23 22:43	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:43	12/03/23 12:43	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 08:21	12/12/23 08:21	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 08:35	12/12/23 08:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 00:49	12/23/23 00:49	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 02:45	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 17:15	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:25	12/11/23 11:25	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 08:19	12/09/23 08:19	JCP	Mt. Juliet, TN

MW-29-D1-W-231130 L1683632-15 GW

Collected by | Collected date/time 11/30/23 23:45 | Received date/time 12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 01:26	12/07/23 01:26	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 15:09	12/07/23 15:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 15:09	12/07/23 15:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	25	12/03/23 15:28	12/03/23 15:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	1	12/06/23 21:37	12/06/23 21:37	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:44	12/03/23 12:44	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 09:16	12/12/23 09:16	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	5	12/12/23 09:30	12/12/23 09:30	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 01:49	12/23/23 01:49	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 01:26	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:32	12/11/23 11:32	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 08:41	12/09/23 08:41	JCP	Mt. Juliet, TN

AMW-14-D1-W-231130 L1683632-16 GW

Collected by	Collected date/time	Received date/time
	11/30/23 20:45	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 01:29	12/07/23 01:29	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 08:56	12/11/23 08:56	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 08:56	12/11/23 08:56	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:28	12/03/23 15:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	50	12/06/23 21:39	12/06/23 21:39	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	100	12/03/23 12:45	12/03/23 12:45	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 09:43	12/12/23 09:43	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 02:35	12/23/23 02:35	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 01:29	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:35	12/11/23 11:35	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 09:03	12/09/23 09:03	JCP	Mt. Juliet, TN

MW-24-D1R-W-231130 L1683632-17 GW

Collected by	Collected date/time	Received date/time
	11/30/23 22:20	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 01:32	12/07/23 01:32	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 09:00	12/11/23 09:00	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 09:00	12/11/23 09:00	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:29	12/03/23 15:29	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	10	12/06/23 21:41	12/06/23 21:41	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:45	12/03/23 12:45	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 10:11	12/12/23 10:11	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 10:24	12/12/23 10:24	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 03:07	12/23/23 03:07	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 01:32	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 16:31	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:47	12/11/23 11:47	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 09:25	12/09/23 09:25	JCP	Mt. Juliet, TN

MW-18R-W-231130 L1683632-18 GW

Collected by	Collected date/time	Received date/time
	11/30/23 19:50	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 01:34	12/07/23 01:34	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 09:04	12/11/23 09:04	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 09:04	12/11/23 09:04	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	10	12/03/23 15:29	12/03/23 15:29	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	5	12/06/23 21:43	12/06/23 21:43	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181912	1	12/03/23 12:46	12/03/23 12:46	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 10:38	12/12/23 10:38	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 03:41	12/23/23 03:41	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 01:34	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 11:55	12/11/23 11:55	MSC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2187152	10	12/11/23 14:52	12/11/23 14:52	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 09:48	12/09/23 09:48	JCP	Mt. Juliet, TN

BD-W-231130 L1683632-19 GW

Collected by	Collected date/time	Received date/time
	11/30/23 00:00	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182907	1	12/07/23 01:37	12/07/23 01:37	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2186556	1	12/11/23 09:09	12/11/23 09:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2186556	1	12/11/23 09:09	12/11/23 09:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:29	12/03/23 15:29	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	50	12/06/23 21:45	12/06/23 21:45	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181954	1	12/03/23 13:59	12/03/23 13:59	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	10	12/12/23 10:52	12/12/23 10:52	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	100	12/12/23 11:06	12/12/23 11:06	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 04:21	12/23/23 04:21	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	1	12/05/23 21:12	12/07/23 01:37	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182907	5	12/05/23 21:12	12/07/23 16:34	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 12:01	12/11/23 12:01	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2189244	1	12/14/23 16:08	12/14/23 16:08	ACG	Mt. Juliet, TN

FB-W-231129 L1683632-20 GW

Collected by	Collected date/time	Received date/time
	11/29/23 23:30	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182909	1	12/08/23 14:17	12/08/23 14:17	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184993	1	12/07/23 15:14	12/07/23 15:14	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184993	1	12/07/23 15:14	12/07/23 15:14	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:30	12/03/23 15:30	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2183338	1	12/05/23 22:45	12/05/23 22:45	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181954	1	12/03/23 13:59	12/03/23 13:59	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185699	1	12/12/23 11:19	12/12/23 11:19	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 04:39	12/23/23 04:39	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182909	1	12/06/23 08:14	12/08/23 14:17	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 12:07	12/11/23 12:07	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2185885	1	12/09/23 03:05	12/09/23 03:05	JCP	Mt. Juliet, TN

FB-W-231130 L1683632-21 GW

Collected by	Collected date/time	Received date/time
	11/30/23 22:45	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2182909	1	12/08/23 14:29	12/08/23 14:29	JTM	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2184789	1	12/07/23 10:44	12/07/23 10:44	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2184789	1	12/07/23 10:44	12/07/23 10:44	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2181902	1	12/03/23 15:31	12/03/23 15:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2184155	1	12/06/23 21:48	12/06/23 21:48	CAT	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2181954	1	12/03/23 13:59	12/03/23 13:59	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2185696	1	12/11/23 05:13	12/11/23 05:13	ASM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2193677	1	12/23/23 04:56	12/23/23 04:56	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2182909	1	12/06/23 08:14	12/08/23 14:29	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2186200	1	12/11/23 12:13	12/11/23 12:13	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2186208	1	12/10/23 03:03	12/10/23 03:03	JHH	Mt. Juliet, TN

TB-W-231130 L1683632-22 GW

Collected by	Collected date/time	Received date/time
	11/30/23 00:00	12/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2186208	1	12/10/23 02:19	12/10/23 02:19	JHH	Mt. Juliet, TN

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

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

Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2181899	3500Fe B-2011	L1683632-01, 02, 03, 04, 05, 06, 07
WG2181902	3500Fe B-2011	L1683632-08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
WG2184789	4500CO2 D-2011	L1683632-21
WG2184993	4500CO2 D-2011	L1683632-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 15, 20
WG2186556	4500CO2 D-2011	L1683632-13, 14, 16, 17, 18, 19

Wet Chemistry by Method 3500Fe B-2011

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

Batch	Lab Sample ID	Analytes
WG2181899	(DUP) R4007407-7	Ferrous Iron

Wet Chemistry by Method 4500S2 D-2011

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2181912	(MSD) R4007419-4	Sulfide

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2185696	(MS) R4010738-4, (MS) R4010738-7, (MSD) R4010738-5	Chloride and Sulfate
WG2185699	(MS) R4011266-4, (MSD) R4011266-5, L1683632-05	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2193675	TOC (Total Organic Carbon)	L1683632-04
WG2193677	TOC (Total Organic Carbon)	L1683632-05, 11, 20, 21

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2182907	(MS) R4009090-4, (MSD) R4009090-5	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
WG2185885	L1683632-01	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-02	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-03	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-04	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-05	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-06	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-07	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-08	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-09	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-10	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-11	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-12	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-13	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-14	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-15	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-16	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-17	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-18	1,2-Dibromo-3-Chloropropane and Bromoform
WG2185885	L1683632-20	1,2-Dibromo-3-Chloropropane and Bromoform
WG2186208	L1683632-21	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 1,2-Dibromoethane, 2-Hexanone and Bromoform
WG2186208	L1683632-22	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 1,2-Dibromoethane, 2-Hexanone and Bromoform
WG2189244	L1683632-19	Bromomethane

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2186208	Carbon disulfide	L1683632-21, 22

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

Batch	Lab Sample ID	Analytes
WG2185885	(LCSD) R4010737-2, L1683632-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20	1,2-Dibromo-3-Chloropropane
WG2186208	(LCS) R4011231-1, (LCSD) R4011231-2, L1683632-21, 22	1,2-Dibromo-3-Chloropropane, 1,2-Dibromoethane and Bromoform

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	13300		15.0	50.0	1	12/07/2023 02:02	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	377000		20000	1	12/07/2023 14:01	WG2184993
Free Carbon Dioxide	158000	T8	20000	1	12/07/2023 14:01	WG2184993

Sample Narrative:

L1683632-01 WG2184993: 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	571	T8	15.0	50.0	1	12/03/2023 11:52	WG2181899

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	12/05/2023 22:17	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:37	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	6350000		37900	100000	100	12/12/2023 01:57	WG2185699
Sulfate	797000		5940	50000	10	12/12/2023 01:43	WG2185699

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)	6530		102	1000	1	12/22/2023 17:32	WG2193675

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	13800		18.0	100	1	12/07/2023 02:02	WG2182907
Manganese	1550		0.934	10.0	1	12/07/2023 02:02	WG2182907
Sodium	4220000		2520	15000	5	12/07/2023 16:36	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/10/2023 10:53	WG2185239
Ethane	U		4.07	13.0	1	12/10/2023 10:53	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 10:53	WG2185239

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	12/09/2023 03:28	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 03:28	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 03:28	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 03:28	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 03:28	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 03:28	WG2185885
Carbon disulfide	U		0.0962	1.00	1	12/09/2023 03:28	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 03:28	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 03:28	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 03:28	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 03:28	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 03:28	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 03:28	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 03:28	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 03:28	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 03:28	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 03:28	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 03:28	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 03:28	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 03:28	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 03:28	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 03:28	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 03:28	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 03:28	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 03:28	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 03:28	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 03:28	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 03:28	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 03:28	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 03:28	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 03:28	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 03:28	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 03:28	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 03:28	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 03:28	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 03:28	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 03:28	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 03:28	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 03:28	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 03:28	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 03:28	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 03:28	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 03:28	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 03:28	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 03:28	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 03:28	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 03:28	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 03:28	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 03:28	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 03:28	WG2185885
(S) Toluene-d8	*104*			*80.0-120*		*12/09/2023 03:28*	WG2185885
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*12/09/2023 03:28*	WG2185885
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*12/09/2023 03:28*	WG2185885

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

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	206		15.0	50.0	1	12/07/2023 02:05	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	411000		20000	1	12/07/2023 14:08	WG2184993
Free Carbon Dioxide	115000	T8	20000	1	12/07/2023 14:08	WG2184993

Sample Narrative:

L1683632-02 WG2184993: 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	520	T8	15.0	50.0	1	12/03/2023 11:53	WG2181899

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	72.0	J	50.0	100	1	12/05/2023 22:18	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:37	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	4450000		37900	100000	100	12/12/2023 02:24	WG2185699
Sulfate	506000		5940	50000	10	12/12/2023 02:10	WG2185699

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)	6420		102	1000	1	12/22/2023 17:54	WG2193675

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	726		18.0	100	1	12/07/2023 02:05	WG2182907
Manganese	316		0.934	10.0	1	12/07/2023 02:05	WG2182907
Sodium	2390000		2520	15000	5	12/07/2023 16:39	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/10/2023 10:58	WG2185239
Ethane	U		4.07	13.0	1	12/10/2023 10:58	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 10:58	WG2185239

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	12/09/2023 03:50	WG2185885
Benzene	0.136	J	0.0941	1.00	1	12/09/2023 03:50	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 03:50	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 03:50	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 03:50	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 03:50	WG2185885
Carbon disulfide	U		0.0962	1.00	1	12/09/2023 03:50	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 03:50	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 03:50	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 03:50	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 03:50	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 03:50	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 03:50	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 03:50	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 03:50	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 03:50	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 03:50	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 03:50	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 03:50	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 03:50	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 03:50	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 03:50	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 03:50	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 03:50	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 03:50	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 03:50	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 03:50	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 03:50	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 03:50	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 03:50	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 03:50	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 03:50	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 03:50	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 03:50	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 03:50	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 03:50	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 03:50	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 03:50	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 03:50	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 03:50	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 03:50	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 03:50	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 03:50	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 03:50	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 03:50	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 03:50	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 03:50	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 03:50	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 03:50	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 03:50	WG2185885
(S) Toluene-d8	*105*			*80.0-120*		*12/09/2023 03:50*	WG2185885
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*12/09/2023 03:50*	WG2185885
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*12/09/2023 03:50*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	485		15.0	50.0	1	12/07/2023 02:08	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	813000		20000	1	12/07/2023 14:13	WG2184993
Free Carbon Dioxide	74000	B T8	20000	1	12/07/2023 14:13	WG2184993

Sample Narrative:

L1683632-03 WG2184993: 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	1160	T8	15.0	50.0	1	12/03/2023 11:53	WG2181899

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	12/05/2023 22:27	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	107		25.0	50.0	1	12/03/2023 12:38	WG2181912

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	12/12/2023 02:51	WG2185699
Sulfate	188000		5940	50000	10	12/12/2023 02:38	WG2185699

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)	19700		510	5000	5	12/22/2023 18:21	WG2193675

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1650		18.0	100	1	12/07/2023 02:08	WG2182907
Manganese	72.2		0.934	10.0	1	12/07/2023 02:08	WG2182907
Sodium	2070000		2520	15000	5	12/07/2023 16:54	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1020		2.91	10.0	1	12/10/2023 11:01	WG2185239
Ethane	5.10	J	4.07	13.0	1	12/10/2023 11:01	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 11:01	WG2185239

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	12/09/2023 04:13	WG2185885
Benzene	0.126	J	0.0941	1.00	1	12/09/2023 04:13	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 04:13	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 04:13	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 04:13	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 04:13	WG2185885
Carbon disulfide	0.238	J	0.0962	1.00	1	12/09/2023 04:13	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 04:13	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 04:13	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 04:13	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 04:13	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 04:13	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 04:13	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 04:13	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 04:13	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 04:13	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 04:13	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 04:13	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 04:13	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 04:13	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 04:13	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 04:13	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 04:13	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 04:13	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 04:13	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 04:13	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 04:13	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 04:13	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 04:13	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 04:13	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 04:13	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 04:13	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 04:13	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 04:13	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 04:13	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 04:13	WG2185885
Methyl tert-butyl ether	28.2		0.101	1.00	1	12/09/2023 04:13	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 04:13	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 04:13	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 04:13	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 04:13	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 04:13	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 04:13	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 04:13	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 04:13	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 04:13	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 04:13	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 04:13	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 04:13	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 04:13	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 04:13*	WG2185885
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*12/09/2023 04:13*	WG2185885
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*12/09/2023 04:13*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	13300		15.0	50.0	1	12/07/2023 02:11	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	156000		20000	1	12/07/2023 14:19	WG2184993
Free Carbon Dioxide	20400	B T8	20000	1	12/07/2023 14:19	WG2184993

Sample Narrative:

L1683632-04 WG2184993: 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	1290	T8	15.0	50.0	1	12/03/2023 11:54	WG2181899

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	12/05/2023 22:28	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:39	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2800000		37900	100000	100	12/12/2023 03:46	WG2185699
Sulfate	326000		5940	50000	10	12/12/2023 03:05	WG2185699

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)	2180	B	102	1000	1	12/22/2023 18:43	WG2193675

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	14600		18.0	100	1	12/07/2023 02:11	WG2182907
Manganese	241		0.934	10.0	1	12/07/2023 02:11	WG2182907
Sodium	5150000		5040	30000	10	12/07/2023 16:57	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/10/2023 11:10	WG2185239
Ethane	U		4.07	13.0	1	12/10/2023 11:10	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 11:10	WG2185239

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	12/09/2023 04:35	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 04:35	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 04:35	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 04:35	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 04:35	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 04:35	WG2185885
Carbon disulfide	0.111	J	0.0962	1.00	1	12/09/2023 04:35	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 04:35	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 04:35	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 04:35	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 04:35	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 04:35	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 04:35	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 04:35	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 04:35	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 04:35	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 04:35	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 04:35	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 04:35	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 04:35	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 04:35	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 04:35	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 04:35	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 04:35	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 04:35	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 04:35	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 04:35	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 04:35	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 04:35	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 04:35	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 04:35	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 04:35	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 04:35	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 04:35	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 04:35	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 04:35	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 04:35	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 04:35	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 04:35	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 04:35	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 04:35	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 04:35	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 04:35	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 04:35	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 04:35	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 04:35	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 04:35	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 04:35	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 04:35	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 04:35	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 04:35*	WG2185885
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*		*12/09/2023 04:35*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 04:35*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	2670		15.0	50.0	1	12/07/2023 02:19	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	40000		20000	1	12/07/2023 14:25	WG2184993
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 14:25	WG2184993

Sample Narrative:

L1683632-05 WG2184993: 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	183	T8	15.0	50.0	1	12/03/2023 11:54	WG2181899

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	67.5	J	50.0	100	1	12/05/2023 22:29	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:39	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	119000	J6	379	1000	1	12/12/2023 04:00	WG2185699
Sulfate	9960		594	5000	1	12/12/2023 04:00	WG2185699

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)	2340	B	102	1000	1	12/21/2023 16:42	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2850		18.0	100	1	12/07/2023 02:19	WG2182907
Manganese	56.5		0.934	10.0	1	12/07/2023 02:19	WG2182907
Sodium	26800		504	3000	1	12/07/2023 02:19	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/10/2023 11:13	WG2185239
Ethane	U		4.07	13.0	1	12/10/2023 11:13	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 11:13	WG2185239

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	12/09/2023 04:57	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 04:57	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 04:57	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 04:57	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 04:57	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 04:57	WG2185885
Carbon disulfide	U		0.0962	1.00	1	12/09/2023 04:57	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 04:57	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 04:57	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 04:57	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 04:57	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 04:57	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 04:57	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 04:57	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 04:57	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 04:57	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 04:57	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 04:57	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 04:57	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 04:57	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 04:57	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 04:57	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 04:57	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 04:57	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 04:57	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 04:57	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 04:57	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 04:57	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 04:57	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 04:57	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 04:57	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 04:57	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 04:57	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 04:57	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 04:57	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 04:57	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 04:57	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 04:57	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 04:57	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 04:57	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 04:57	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 04:57	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 04:57	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 04:57	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 04:57	WG2185885
Trichloroethene	2.18		0.190	1.00	1	12/09/2023 04:57	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 04:57	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 04:57	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 04:57	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 04:57	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 04:57*	WG2185885
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*12/09/2023 04:57*	WG2185885
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*12/09/2023 04:57*	WG2185885

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	12/07/2023 02:22	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	264000		20000	1	12/07/2023 14:29	WG2184993
Free Carbon Dioxide	24000	B T8	20000	1	12/07/2023 14:29	WG2184993

Sample Narrative:

L1683632-06 WG2184993: 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	5310	T8	150	500	10	12/03/2023 11:54	WG2181899

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	61.3	J	50.0	100	1	12/05/2023 22:31	WG2183338

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		25.0	50.0	1	12/03/2023 12:39	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	115000		379	1000	1	12/12/2023 04:55	WG2185699
Sulfate	46100		594	5000	1	12/12/2023 04:55	WG2185699

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)	23400		102	1000	1	12/21/2023 18:04	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4880		18.0	100	1	12/07/2023 02:22	WG2182907
Manganese	829		0.934	10.0	1	12/07/2023 02:22	WG2182907
Sodium	87200		504	3000	1	12/07/2023 02:22	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	10000		29.1	100	10	12/10/2023 15:57	WG2186635
Ethane	U		4.07	13.0	1	12/10/2023 11:16	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 11:16	WG2185239

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	12/09/2023 05:19	WG2185885
Benzene	2.53		0.0941	1.00	1	12/09/2023 05:19	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 05:19	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 05:19	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 05:19	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 05:19	WG2185885
Carbon disulfide	0.360	J	0.0962	1.00	1	12/09/2023 05:19	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 05:19	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 05:19	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 05:19	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 05:19	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 05:19	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 05:19	WG2185885
Cyclohexane	2.67		0.188	1.00	1	12/09/2023 05:19	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 05:19	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 05:19	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 05:19	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 05:19	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 05:19	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 05:19	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 05:19	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 05:19	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 05:19	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 05:19	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 05:19	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 05:19	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 05:19	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 05:19	WG2185885
Ethylbenzene	2.09		0.137	1.00	1	12/09/2023 05:19	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 05:19	WG2185885
Isopropylbenzene	1.18		0.105	1.00	1	12/09/2023 05:19	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 05:19	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 05:19	WG2185885
Methyl Cyclohexane	2.33		0.660	1.00	1	12/09/2023 05:19	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 05:19	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 05:19	WG2185885
Methyl tert-butyl ether	0.151	J	0.101	1.00	1	12/09/2023 05:19	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 05:19	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 05:19	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 05:19	WG2185885
Toluene	0.343	J	0.278	1.00	1	12/09/2023 05:19	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 05:19	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 05:19	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 05:19	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 05:19	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 05:19	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 05:19	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 05:19	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 05:19	WG2185885
Xylenes, Total	5.71		0.174	3.00	1	12/09/2023 05:19	WG2185885
(S) Toluene-d8	*97.9*			*80.0-120*		*12/09/2023 05:19*	WG2185885
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*12/09/2023 05:19*	WG2185885
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*12/09/2023 05:19*	WG2185885

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	12/07/2023 02:25	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	617000		20000	1	12/07/2023 14:33	WG2184993
Free Carbon Dioxide	174000	T8	20000	1	12/07/2023 14:33	WG2184993

Sample Narrative:

L1683632-07 WG2184993: 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	23200	T8	375	1250	25	12/03/2023 11:55	WG2181899

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	12/05/2023 22:32	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:40	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	15100000		37900	100000	100	12/12/2023 05:09	WG2185699
Sulfate	1520000		59400	500000	100	12/12/2023 05:09	WG2185699

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)	8740		102	1000	1	12/21/2023 19:00	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	21500		18.0	100	1	12/07/2023 02:25	WG2182907
Manganese	411		0.934	10.0	1	12/07/2023 02:25	WG2182907
Sodium	8380000		5040	30000	10	12/07/2023 17:00	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/10/2023 11:23	WG2185239
Ethane	U		4.07	13.0	1	12/10/2023 11:23	WG2185239
Ethene	U		4.26	13.0	1	12/10/2023 11:23	WG2185239

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	12/09/2023 05:42	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 05:42	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 05:42	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 05:42	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 05:42	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 05:42	WG2185885
Carbon disulfide	0.154	J	0.0962	1.00	1	12/09/2023 05:42	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 05:42	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 05:42	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 05:42	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 05:42	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 05:42	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 05:42	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 05:42	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 05:42	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 05:42	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 05:42	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 05:42	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 05:42	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 05:42	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 05:42	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 05:42	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 05:42	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 05:42	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 05:42	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 05:42	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 05:42	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 05:42	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 05:42	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 05:42	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 05:42	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 05:42	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 05:42	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 05:42	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 05:42	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 05:42	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 05:42	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 05:42	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 05:42	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 05:42	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 05:42	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 05:42	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 05:42	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 05:42	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 05:42	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 05:42	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 05:42	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 05:42	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 05:42	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 05:42	WG2185885
(S) Toluene-d8	*104*			*80.0-120*		*12/09/2023 05:42*	WG2185885
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*12/09/2023 05:42*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 05:42*	WG2185885

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	12/07/2023 02:28	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	843000		20000	1	12/07/2023 14:48	WG2184993
Free Carbon Dioxide	103000	B T8	20000	1	12/07/2023 14:48	WG2184993

Sample Narrative:

L1683632-08 WG2184993: 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	1790	T8	15.0	50.0	1	12/03/2023 15:25	WG2181902

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	12/05/2023 22:33	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	147		25.0	50.0	1	12/03/2023 12:40	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3800000		37900	100000	100	12/12/2023 05:36	WG2185699
Sulfate	126000		5940	50000	10	12/12/2023 05:22	WG2185699

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)	15300		102	1000	1	12/21/2023 19:29	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1260		18.0	100	1	12/07/2023 02:28	WG2182907
Manganese	76.8		0.934	10.0	1	12/07/2023 02:28	WG2182907
Sodium	2130000		2520	15000	5	12/07/2023 17:03	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/11/2023 11:01	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:01	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:01	WG2186200

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	12/09/2023 06:05	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 06:05	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 06:05	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 06:05	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 06:05	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 06:05	WG2185885
Carbon disulfide	0.163	J	0.0962	1.00	1	12/09/2023 06:05	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 06:05	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 06:05	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 06:05	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 06:05	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 06:05	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 06:05	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 06:05	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 06:05	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 06:05	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 06:05	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 06:05	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 06:05	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 06:05	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 06:05	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 06:05	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 06:05	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 06:05	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 06:05	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 06:05	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 06:05	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 06:05	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 06:05	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 06:05	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 06:05	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 06:05	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 06:05	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 06:05	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 06:05	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 06:05	WG2185885
Methyl tert-butyl ether	0.500	J	0.101	1.00	1	12/09/2023 06:05	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 06:05	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 06:05	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 06:05	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 06:05	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 06:05	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 06:05	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 06:05	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 06:05	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 06:05	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 06:05	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 06:05	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 06:05	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 06:05	WG2185885
(S) Toluene-d8	*105*			*80.0-120*		*12/09/2023 06:05*	WG2185885
(S) 4-Bromofluorobenzene	*95.3*			*77.0-126*		*12/09/2023 06:05*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 06:05*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	63.0		15.0	50.0	1	12/07/2023 02:30	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	334000		20000	1	12/07/2023 14:53	WG2184993
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 14:53	WG2184993

Sample Narrative:

L1683632-09 WG2184993: 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	12/03/2023 15:25	WG2181902

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	265		50.0	100	1	12/05/2023 22:34	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:41	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1200000		7580	20000	20	12/12/2023 06:31	WG2185699
Sulfate	287000		2970	25000	5	12/12/2023 05:50	WG2185699

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)	34600		102	1000	1	12/22/2023 21:48	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	288		18.0	100	1	12/07/2023 02:30	WG2182907
Manganese	130		0.934	10.0	1	12/07/2023 02:30	WG2182907
Sodium	1510000		2520	15000	5	12/07/2023 17:06	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	79.4		2.91	10.0	1	12/11/2023 11:03	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:03	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:03	WG2186200

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	12/09/2023 06:27	WG2185885
Benzene	0.121	J	0.0941	1.00	1	12/09/2023 06:27	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 06:27	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 06:27	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 06:27	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 06:27	WG2185885
Carbon disulfide	0.200	J	0.0962	1.00	1	12/09/2023 06:27	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 06:27	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 06:27	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 06:27	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 06:27	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 06:27	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 06:27	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 06:27	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 06:27	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 06:27	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 06:27	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 06:27	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 06:27	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 06:27	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 06:27	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 06:27	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 06:27	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 06:27	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 06:27	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 06:27	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 06:27	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 06:27	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 06:27	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 06:27	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 06:27	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 06:27	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 06:27	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 06:27	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 06:27	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 06:27	WG2185885
Methyl tert-butyl ether	0.427	J	0.101	1.00	1	12/09/2023 06:27	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 06:27	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 06:27	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 06:27	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 06:27	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 06:27	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 06:27	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 06:27	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 06:27	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 06:27	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 06:27	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 06:27	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 06:27	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 06:27	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 06:27*	WG2185885
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*12/09/2023 06:27*	WG2185885
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*12/09/2023 06:27*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	2680		15.0	50.0	1	12/07/2023 02:33	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	274000		20000	1	12/07/2023 14:57	WG2184993
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 14:57	WG2184993

Sample Narrative:

L1683632-10 WG2184993: 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	413	T8	15.0	50.0	1	12/03/2023 15:26	WG2181902

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	438		50.0	100	1	12/05/2023 22:36	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 12:42	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	487000		1900	5000	5	12/12/2023 06:59	WG2185699
Sulfate	33500		594	5000	1	12/12/2023 06:45	WG2185699

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)	5880		102	1000	1	12/22/2023 22:09	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3090		18.0	100	1	12/07/2023 02:33	WG2182907
Manganese	258		0.934	10.0	1	12/07/2023 02:33	WG2182907
Sodium	1260000		2520	15000	5	12/07/2023 17:09	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	744		2.91	10.0	1	12/11/2023 11:08	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:08	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:08	WG2186200

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	12/09/2023 06:50	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 06:50	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 06:50	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 06:50	WG2185885
Bromoform	0.372	C3 J	0.129	1.00	1	12/09/2023 06:50	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 06:50	WG2185885
Carbon disulfide	0.139	J	0.0962	1.00	1	12/09/2023 06:50	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 06:50	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 06:50	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 06:50	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 06:50	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 06:50	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 06:50	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 06:50	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 06:50	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 06:50	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 06:50	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 06:50	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 06:50	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 06:50	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 06:50	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 06:50	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 06:50	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 06:50	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 06:50	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 06:50	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 06:50	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 06:50	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 06:50	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 06:50	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 06:50	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 06:50	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 06:50	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 06:50	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 06:50	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 06:50	WG2185885
Methyl tert-butyl ether	2.32		0.101	1.00	1	12/09/2023 06:50	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 06:50	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 06:50	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 06:50	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 06:50	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 06:50	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 06:50	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 06:50	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 06:50	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 06:50	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 06:50	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 06:50	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 06:50	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 06:50	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 06:50*	WG2185885
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*12/09/2023 06:50*	WG2185885
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/09/2023 06:50*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	3080		15.0	50.0	1	12/07/2023 02:36	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	37700		20000	1	12/07/2023 15:01	WG2184993
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 15:01	WG2184993

Sample Narrative:

L1683632-11 WG2184993: 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	1300	T8	15.0	50.0	1	12/03/2023 15:26	WG2181902

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	12/05/2023 22:37	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	34.0	J	25.0	50.0	1	12/03/2023 12:42	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	46100		379	1000	1	12/12/2023 07:12	WG2185699
Sulfate	14000		594	5000	1	12/12/2023 07:12	WG2185699

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)	1220	B	102	1000	1	12/22/2023 23:14	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4390		18.0	100	1	12/07/2023 02:36	WG2182907
Manganese	104		0.934	10.0	1	12/07/2023 02:36	WG2182907
Sodium	824000		504	3000	1	12/07/2023 02:36	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/11/2023 11:12	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:12	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:12	WG2186200

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	12/09/2023 07:12	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 07:12	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 07:12	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 07:12	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 07:12	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 07:12	WG2185885
Carbon disulfide	0.135	J	0.0962	1.00	1	12/09/2023 07:12	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 07:12	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 07:12	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 07:12	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 07:12	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 07:12	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 07:12	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 07:12	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 07:12	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 07:12	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 07:12	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 07:12	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 07:12	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 07:12	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 07:12	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 07:12	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 07:12	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 07:12	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 07:12	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 07:12	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 07:12	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 07:12	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 07:12	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 07:12	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 07:12	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 07:12	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 07:12	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 07:12	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 07:12	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 07:12	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 07:12	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 07:12	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 07:12	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 07:12	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 07:12	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 07:12	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 07:12	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 07:12	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 07:12	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 07:12	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 07:12	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 07:12	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 07:12	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 07:12	WG2185885
(S) Toluene-d8	*104*			*80.0-120*		*12/09/2023 07:12*	WG2185885
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*12/09/2023 07:12*	WG2185885
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/09/2023 07:12*	WG2185885

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	12/07/2023 02:39	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	604000		20000	1	12/07/2023 15:06	WG2184993
Free Carbon Dioxide	89000	B T8	20000	1	12/07/2023 15:06	WG2184993

Sample Narrative:

L1683632-12 WG2184993: 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	9660	T8	375	1250	25	12/03/2023 15:27	WG2181902

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	12/05/2023 22:38	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	26.0	J	25.0	50.0	1	12/03/2023 12:42	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	5970000		37900	100000	100	12/12/2023 07:40	WG2185699
Sulfate	641000		5940	50000	10	12/12/2023 07:26	WG2185699

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)	7540		102	1000	1	12/22/2023 23:55	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	8350		18.0	100	1	12/07/2023 02:39	WG2182907
Manganese	1300		0.934	10.0	1	12/07/2023 02:39	WG2182907
Sodium	3880000		2520	15000	5	12/07/2023 17:12	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2540		2.91	10.0	1	12/11/2023 11:15	WG2186200
Ethane	18.3		4.07	13.0	1	12/11/2023 11:15	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:15	WG2186200

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	31.4	J	11.3	50.0	1	12/09/2023 07:35	WG2185885
Benzene	4.36		0.0941	1.00	1	12/09/2023 07:35	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 07:35	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 07:35	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 07:35	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 07:35	WG2185885
Carbon disulfide	1.33		0.0962	1.00	1	12/09/2023 07:35	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 07:35	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 07:35	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 07:35	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 07:35	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 07:35	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 07:35	WG2185885
Cyclohexane	0.262	J	0.188	1.00	1	12/09/2023 07:35	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 07:35	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 07:35	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 07:35	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 07:35	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 07:35	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 07:35	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 07:35	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 07:35	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 07:35	WG2185885
cis-1,2-Dichloroethene	3.37		0.126	1.00	1	12/09/2023 07:35	WG2185885
trans-1,2-Dichloroethene	0.236	J	0.149	1.00	1	12/09/2023 07:35	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 07:35	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 07:35	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 07:35	WG2185885
Ethylbenzene	0.412	J	0.137	1.00	1	12/09/2023 07:35	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 07:35	WG2185885
Isopropylbenzene	0.221	J	0.105	1.00	1	12/09/2023 07:35	WG2185885
2-Butanone (MEK)	3.44	J	1.19	10.0	1	12/09/2023 07:35	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 07:35	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 07:35	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 07:35	WG2185885
4-Methyl-2-pentanone (MIBK)	0.623	J	0.478	10.0	1	12/09/2023 07:35	WG2185885
Methyl tert-butyl ether	22.5		0.101	1.00	1	12/09/2023 07:35	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 07:35	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 07:35	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 07:35	WG2185885
Toluene	0.575	J	0.278	1.00	1	12/09/2023 07:35	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 07:35	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 07:35	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 07:35	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 07:35	WG2185885
Trichloroethene	6.56		0.190	1.00	1	12/09/2023 07:35	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 07:35	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 07:35	WG2185885
Vinyl chloride	1.45		0.234	1.00	1	12/09/2023 07:35	WG2185885
Xylenes, Total	1.03	J	0.174	3.00	1	12/09/2023 07:35	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 07:35*	WG2185885
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*12/09/2023 07:35*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 07:35*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	934		15.0	50.0	1	12/07/2023 02:42	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	477000		20000	1	12/11/2023 08:52	WG2186556
Free Carbon Dioxide	56400	B T8	20000	1	12/11/2023 08:52	WG2186556

Sample Narrative:

L1683632-13 WG2186556: 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	1320	T8	15.0	50.0	1	12/03/2023 15:27	WG2181902

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	269	J	250	500	5	12/06/2023 21:34	WG2184155

Sample Narrative:

L1683632-13 WG2184155: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	79.0		25.0	50.0	1	12/03/2023 12:43	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2310000		37900	100000	100	12/12/2023 08:07	WG2185699
Sulfate	154000		5940	50000	10	12/12/2023 07:53	WG2185699

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)	12000		102	1000	1	12/23/2023 00:21	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2250		18.0	100	1	12/07/2023 02:42	WG2182907
Manganese	30.3		0.934	10.0	1	12/07/2023 02:42	WG2182907
Sodium	760000		504	3000	1	12/07/2023 02:42	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/11/2023 11:22	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:22	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethene	U		4.26	13.0	1	12/11/2023 11:22	WG2186200

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	12/09/2023 07:57	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 07:57	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 07:57	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 07:57	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 07:57	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 07:57	WG2185885
Carbon disulfide	0.195	J	0.0962	1.00	1	12/09/2023 07:57	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 07:57	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 07:57	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 07:57	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 07:57	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 07:57	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 07:57	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 07:57	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 07:57	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 07:57	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 07:57	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 07:57	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 07:57	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 07:57	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 07:57	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 07:57	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 07:57	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 07:57	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 07:57	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 07:57	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 07:57	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 07:57	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 07:57	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 07:57	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 07:57	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 07:57	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 07:57	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 07:57	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 07:57	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 07:57	WG2185885
Methyl tert-butyl ether	0.174	J	0.101	1.00	1	12/09/2023 07:57	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 07:57	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 07:57	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 07:57	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 07:57	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 07:57	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 07:57	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 07:57	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 07:57	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 07:57	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 07:57	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 07:57	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 07:57	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 07:57	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 07:57*	WG2185885

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*12/09/2023 07:57*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 07:57*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	565		15.0	50.0	1	12/07/2023 02:45	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	729000		20000	1	12/11/2023 08:42	WG2186556
Free Carbon Dioxide	86500	B T8	20000	1	12/11/2023 08:42	WG2186556

Sample Narrative:

L1683632-14 WG2186556: 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	428	T8	15.0	50.0	1	12/03/2023 15:27	WG2181902

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	12/05/2023 22:43	WG2183338

Sample Narrative:

L1683632-14 WG2183338: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	325		25.0	50.0	1	12/03/2023 12:43	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3830000		37900	100000	100	12/12/2023 08:35	WG2185699
Sulfate	175000		5940	50000	10	12/12/2023 08:21	WG2185699

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)	13300		102	1000	1	12/23/2023 00:49	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	993		18.0	100	1	12/07/2023 02:45	WG2182907
Manganese	54.7		0.934	10.0	1	12/07/2023 02:45	WG2182907
Sodium	2120000		2520	15000	5	12/07/2023 17:15	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	223		2.91	10.0	1	12/11/2023 11:25	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:25	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethene	U		4.26	13.0	1	12/11/2023 11:25	WG2186200

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	12/09/2023 08:19	WG2185885
Benzene	0.728	J	0.0941	1.00	1	12/09/2023 08:19	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 08:19	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 08:19	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 08:19	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 08:19	WG2185885
Carbon disulfide	0.288	J	0.0962	1.00	1	12/09/2023 08:19	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 08:19	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 08:19	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 08:19	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 08:19	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 08:19	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 08:19	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 08:19	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 08:19	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 08:19	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 08:19	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 08:19	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 08:19	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 08:19	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 08:19	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 08:19	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 08:19	WG2185885
cis-1,2-Dichloroethene	0.169	J	0.126	1.00	1	12/09/2023 08:19	WG2185885
trans-1,2-Dichloroethene	0.205	J	0.149	1.00	1	12/09/2023 08:19	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 08:19	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 08:19	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 08:19	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 08:19	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 08:19	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 08:19	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 08:19	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 08:19	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 08:19	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 08:19	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 08:19	WG2185885
Methyl tert-butyl ether	7.30		0.101	1.00	1	12/09/2023 08:19	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 08:19	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 08:19	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 08:19	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 08:19	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 08:19	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 08:19	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 08:19	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 08:19	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 08:19	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 08:19	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 08:19	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 08:19	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 08:19	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 08:19*	WG2185885

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*12/09/2023 08:19*	WG2185885
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/09/2023 08:19*	WG2185885

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	12/07/2023 01:26	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	165000		20000	1	12/07/2023 15:09	WG2184993
Free Carbon Dioxide	27200	B T8	20000	1	12/07/2023 15:09	WG2184993

Sample Narrative:

L1683632-15 WG2184993: 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	24900	T8	375	1250	25	12/03/2023 15:28	WG2181902

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	12/06/2023 21:37	WG2184155

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	33.0	J	25.0	50.0	1	12/03/2023 12:44	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	420000		1900	5000	5	12/12/2023 09:30	WG2185699
Sulfate	14800		594	5000	1	12/12/2023 09:16	WG2185699

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)	10700		102	1000	1	12/23/2023 01:49	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2960		18.0	100	1	12/07/2023 01:26	WG2182907
Manganese	41.7		0.934	10.0	1	12/07/2023 01:26	WG2182907
Sodium	57400		504	3000	1	12/07/2023 01:26	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	82.0		2.91	10.0	1	12/11/2023 11:32	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 11:32	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 11:32	WG2186200

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	12/09/2023 08:41	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 08:41	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 08:41	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 08:41	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 08:41	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 08:41	WG2185885
Carbon disulfide	0.212	J	0.0962	1.00	1	12/09/2023 08:41	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 08:41	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 08:41	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 08:41	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 08:41	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 08:41	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 08:41	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 08:41	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 08:41	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 08:41	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 08:41	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 08:41	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 08:41	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 08:41	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 08:41	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 08:41	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 08:41	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 08:41	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 08:41	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 08:41	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 08:41	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 08:41	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 08:41	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 08:41	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 08:41	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 08:41	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 08:41	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 08:41	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 08:41	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 08:41	WG2185885
Methyl tert-butyl ether	0.589	J	0.101	1.00	1	12/09/2023 08:41	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 08:41	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 08:41	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 08:41	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 08:41	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 08:41	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 08:41	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 08:41	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 08:41	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 08:41	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 08:41	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 08:41	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 08:41	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 08:41	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 08:41*	WG2185885
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*12/09/2023 08:41*	WG2185885
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/09/2023 08:41*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	2520		15.0	50.0	1	12/07/2023 01:29	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	265000		20000	1	12/11/2023 08:56	WG2186556
Free Carbon Dioxide	70000	B T8	20000	1	12/11/2023 08:56	WG2186556

Sample Narrative:

L1683632-16 WG2186556: 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	524	T8	15.0	50.0	1	12/03/2023 15:28	WG2181902

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		2500	5000	50	12/06/2023 21:39	WG2184155

Sample Narrative:

L1683632-16 WG2184155: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	6720		2500	5000	100	12/03/2023 12:45	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1680000		3790	10000	10	12/12/2023 09:43	WG2185699
Sulfate	40700	J	5940	50000	10	12/12/2023 09:43	WG2185699

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)	37500		102	1000	1	12/23/2023 02:35	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3040		18.0	100	1	12/07/2023 01:29	WG2182907
Manganese	21.8		0.934	10.0	1	12/07/2023 01:29	WG2182907
Sodium	988000		504	3000	1	12/07/2023 01:29	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2410		2.91	10.0	1	12/11/2023 11:35	WG2186200
Ethane	144		4.07	13.0	1	12/11/2023 11:35	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethene	U		4.26	13.0	1	12/11/2023 11:35	WG2186200

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	12/09/2023 09:03	WG2185885
Benzene	2.16		0.0941	1.00	1	12/09/2023 09:03	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 09:03	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 09:03	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 09:03	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 09:03	WG2185885
Carbon disulfide	0.419	J	0.0962	1.00	1	12/09/2023 09:03	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 09:03	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 09:03	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 09:03	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 09:03	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 09:03	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 09:03	WG2185885
Cyclohexane	0.369	J	0.188	1.00	1	12/09/2023 09:03	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 09:03	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 09:03	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 09:03	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 09:03	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 09:03	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 09:03	WG2185885
1,1-Dichloroethane	0.174	J	0.100	1.00	1	12/09/2023 09:03	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 09:03	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 09:03	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 09:03	WG2185885
trans-1,2-Dichloroethene	1.88		0.149	1.00	1	12/09/2023 09:03	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 09:03	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 09:03	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 09:03	WG2185885
Ethylbenzene	1.51		0.137	1.00	1	12/09/2023 09:03	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 09:03	WG2185885
Isopropylbenzene	0.284	J	0.105	1.00	1	12/09/2023 09:03	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 09:03	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 09:03	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 09:03	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 09:03	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 09:03	WG2185885
Methyl tert-butyl ether	56.3		0.101	1.00	1	12/09/2023 09:03	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 09:03	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 09:03	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 09:03	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 09:03	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 09:03	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 09:03	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 09:03	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 09:03	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 09:03	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 09:03	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 09:03	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 09:03	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 09:03	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 09:03*	WG2185885

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*12/09/2023 09:03*	WG2185885
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/09/2023 09:03*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	585		15.0	50.0	1	12/07/2023 01:32	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	360000		20000	1	12/11/2023 09:00	WG2186556
Free Carbon Dioxide	70900	B T8	20000	1	12/11/2023 09:00	WG2186556

Sample Narrative:

L1683632-17 WG2186556: 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	340	T8	15.0	50.0	1	12/03/2023 15:29	WG2181902

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	12/06/2023 21:41	WG2184155

Sample Narrative:

L1683632-17 WG2184155: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	183		25.0	50.0	1	12/03/2023 12:45	WG2181912

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	12/12/2023 10:24	WG2185699
Sulfate	313000		5940	50000	10	12/12/2023 10:11	WG2185699

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)	29500		102	1000	1	12/23/2023 03:07	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	925		18.0	100	1	12/07/2023 01:32	WG2182907
Manganese	19.8		0.934	10.0	1	12/07/2023 01:32	WG2182907
Sodium	1470000		2520	15000	5	12/07/2023 16:31	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4110		2.91	10.0	1	12/11/2023 11:47	WG2186200
Ethane	156		4.07	13.0	1	12/11/2023 11:47	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethene	56.6		4.26	13.0	1	12/11/2023 11:47	WG2186200

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	12/09/2023 09:25	WG2185885
Benzene	6.70		0.0941	1.00	1	12/09/2023 09:25	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 09:25	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 09:25	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 09:25	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 09:25	WG2185885
Carbon disulfide	0.897	J	0.0962	1.00	1	12/09/2023 09:25	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 09:25	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 09:25	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 09:25	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 09:25	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 09:25	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 09:25	WG2185885
Cyclohexane	0.395	J	0.188	1.00	1	12/09/2023 09:25	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 09:25	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 09:25	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 09:25	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 09:25	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 09:25	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 09:25	WG2185885
1,1-Dichloroethane	0.182	J	0.100	1.00	1	12/09/2023 09:25	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 09:25	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 09:25	WG2185885
cis-1,2-Dichloroethene	0.252	J	0.126	1.00	1	12/09/2023 09:25	WG2185885
trans-1,2-Dichloroethene	5.45		0.149	1.00	1	12/09/2023 09:25	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 09:25	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 09:25	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 09:25	WG2185885
Ethylbenzene	5.19		0.137	1.00	1	12/09/2023 09:25	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 09:25	WG2185885
Isopropylbenzene	0.594	J	0.105	1.00	1	12/09/2023 09:25	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 09:25	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 09:25	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 09:25	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 09:25	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 09:25	WG2185885
Methyl tert-butyl ether	127		0.101	1.00	1	12/09/2023 09:25	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 09:25	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 09:25	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 09:25	WG2185885
Toluene	0.571	J	0.278	1.00	1	12/09/2023 09:25	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 09:25	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 09:25	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 09:25	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 09:25	WG2185885
Trichloroethene	0.266	J	0.190	1.00	1	12/09/2023 09:25	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 09:25	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 09:25	WG2185885
Vinyl chloride	0.799	J	0.234	1.00	1	12/09/2023 09:25	WG2185885
Xylenes, Total	6.04		0.174	3.00	1	12/09/2023 09:25	WG2185885
(S) Toluene-d8	*103*			*80.0-120*		*12/09/2023 09:25*	WG2185885

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*12/09/2023 09:25*	WG2185885
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*12/09/2023 09:25*	WG2185885

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	12/07/2023 01:34	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	193000		20000	1	12/11/2023 09:04	WG2186556
Free Carbon Dioxide	ND	T8	20000	1	12/11/2023 09:04	WG2186556

Sample Narrative:

L1683632-18 WG2186556: 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	3560	T8	150	500	10	12/03/2023 15:29	WG2181902

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	12/06/2023 21:43	WG2184155

Sample Narrative:

L1683632-18 WG2184155: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	477		25.0	50.0	1	12/03/2023 12:46	WG2181912

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	70100		3790	10000	10	12/12/2023 10:38	WG2185699
Sulfate	71100		5940	50000	10	12/12/2023 10:38	WG2185699

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)	47800		102	1000	1	12/23/2023 03:41	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1920		18.0	100	1	12/07/2023 01:34	WG2182907
Manganese	20.5		0.934	10.0	1	12/07/2023 01:34	WG2182907
Sodium	125000		504	3000	1	12/07/2023 01:34	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	9040		29.1	100	10	12/11/2023 14:52	WG2187152
Ethane	8.75	J	4.07	13.0	1	12/11/2023 11:55	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	12/11/2023 11:55	WG2186200

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	12/09/2023 09:48	WG2185885
Benzene	42.1		0.0941	1.00	1	12/09/2023 09:48	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 09:48	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 09:48	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 09:48	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 09:48	WG2185885
Carbon disulfide	0.829	J	0.0962	1.00	1	12/09/2023 09:48	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 09:48	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 09:48	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 09:48	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 09:48	WG2185885
Chloroform	U		0.111	5.00	1	12/09/2023 09:48	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 09:48	WG2185885
Cyclohexane	2.93		0.188	1.00	1	12/09/2023 09:48	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 09:48	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 09:48	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 09:48	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 09:48	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 09:48	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 09:48	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 09:48	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 09:48	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 09:48	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 09:48	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 09:48	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 09:48	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 09:48	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 09:48	WG2185885
Ethylbenzene	0.791	J	0.137	1.00	1	12/09/2023 09:48	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 09:48	WG2185885
Isopropylbenzene	3.36		0.105	1.00	1	12/09/2023 09:48	WG2185885
2-Butanone (MEK)	2.89	J	1.19	10.0	1	12/09/2023 09:48	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 09:48	WG2185885
Methyl Cyclohexane	2.91		0.660	1.00	1	12/09/2023 09:48	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 09:48	WG2185885
4-Methyl-2-pentanone (MIBK)	1.38	J	0.478	10.0	1	12/09/2023 09:48	WG2185885
Methyl tert-butyl ether	33.2		0.101	1.00	1	12/09/2023 09:48	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 09:48	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 09:48	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 09:48	WG2185885
Toluene	2.50		0.278	1.00	1	12/09/2023 09:48	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 09:48	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 09:48	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 09:48	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 09:48	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 09:48	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 09:48	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 09:48	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 09:48	WG2185885
Xylenes, Total	4.95		0.174	3.00	1	12/09/2023 09:48	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 09:48*	WG2185885

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*12/09/2023 09:48*	WG2185885
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*12/09/2023 09:48*	WG2185885

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	1060		15.0	50.0	1	12/07/2023 01:37	WG2182907

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	490000		20000	1	12/11/2023 09:09	WG2186556
Free Carbon Dioxide	67600	B T8	20000	1	12/11/2023 09:09	WG2186556

Sample Narrative:

L1683632-19 WG2186556: 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	1630	T8	15.0	50.0	1	12/03/2023 15:29	WG2181902

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		2500	5000	50	12/06/2023 21:45	WG2184155

Sample Narrative:

L1683632-19 WG2184155: Dilution due to matrix interference

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	101		25.0	50.0	1	12/03/2023 13:59	WG2181954

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2560000		37900	100000	100	12/12/2023 11:06	WG2185699
Sulfate	134000		5940	50000	10	12/12/2023 10:52	WG2185699

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)	24300		102	1000	1	12/23/2023 04:21	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2680		18.0	100	1	12/07/2023 01:37	WG2182907
Manganese	52.1		0.934	10.0	1	12/07/2023 01:37	WG2182907
Sodium	1580000		2520	15000	5	12/07/2023 16:34	WG2182907

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3970		2.91	10.0	1	12/11/2023 12:01	WG2186200
Ethane	149		4.07	13.0	1	12/11/2023 12:01	WG2186200

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	55.0		4.26	13.0	1	12/11/2023 12:01	WG2186200

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	12/14/2023 16:08	WG2189244
Benzene	6.30		0.0941	1.00	1	12/14/2023 16:08	WG2189244
Bromochloromethane	U		0.128	1.00	1	12/14/2023 16:08	WG2189244
Bromodichloromethane	U		0.136	1.00	1	12/14/2023 16:08	WG2189244
Bromoform	U		0.129	1.00	1	12/14/2023 16:08	WG2189244
Bromomethane	U	C3	0.605	5.00	1	12/14/2023 16:08	WG2189244
Carbon disulfide	0.768	J	0.0962	1.00	1	12/14/2023 16:08	WG2189244
Carbon tetrachloride	U		0.128	1.00	1	12/14/2023 16:08	WG2189244
Chlorobenzene	U		0.116	1.00	1	12/14/2023 16:08	WG2189244
Chlorodibromomethane	U		0.140	1.00	1	12/14/2023 16:08	WG2189244
Chloroethane	U		0.192	5.00	1	12/14/2023 16:08	WG2189244
Chloroform	U		0.111	5.00	1	12/14/2023 16:08	WG2189244
Chloromethane	U		0.960	2.50	1	12/14/2023 16:08	WG2189244
Cyclohexane	0.348	J	0.188	1.00	1	12/14/2023 16:08	WG2189244
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/14/2023 16:08	WG2189244
1,2-Dibromoethane	U		0.126	1.00	1	12/14/2023 16:08	WG2189244
1,2-Dichlorobenzene	U		0.107	1.00	1	12/14/2023 16:08	WG2189244
1,3-Dichlorobenzene	U		0.110	1.00	1	12/14/2023 16:08	WG2189244
1,4-Dichlorobenzene	U		0.120	1.00	1	12/14/2023 16:08	WG2189244
Dichlorodifluoromethane	U		0.374	5.00	1	12/14/2023 16:08	WG2189244
1,1-Dichloroethane	0.189	J	0.100	1.00	1	12/14/2023 16:08	WG2189244
1,2-Dichloroethane	U		0.0819	1.00	1	12/14/2023 16:08	WG2189244
1,1-Dichloroethene	U		0.188	1.00	1	12/14/2023 16:08	WG2189244
cis-1,2-Dichloroethene	0.174	J	0.126	1.00	1	12/14/2023 16:08	WG2189244
trans-1,2-Dichloroethene	5.43		0.149	1.00	1	12/14/2023 16:08	WG2189244
1,2-Dichloropropane	U		0.149	1.00	1	12/14/2023 16:08	WG2189244
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/14/2023 16:08	WG2189244
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/14/2023 16:08	WG2189244
Ethylbenzene	4.98		0.137	1.00	1	12/14/2023 16:08	WG2189244
2-Hexanone	U		0.787	10.0	1	12/14/2023 16:08	WG2189244
Isopropylbenzene	0.540	J	0.105	1.00	1	12/14/2023 16:08	WG2189244
2-Butanone (MEK)	U		1.19	10.0	1	12/14/2023 16:08	WG2189244
Methyl Acetate	U		1.29	20.0	1	12/14/2023 16:08	WG2189244
Methyl Cyclohexane	U		0.660	1.00	1	12/14/2023 16:08	WG2189244
Methylene Chloride	U		0.430	5.00	1	12/14/2023 16:08	WG2189244
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/14/2023 16:08	WG2189244
Methyl tert-butyl ether	129		0.101	1.00	1	12/14/2023 16:08	WG2189244
Styrene	U		0.118	1.00	1	12/14/2023 16:08	WG2189244
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/14/2023 16:08	WG2189244
Tetrachloroethene	U		0.300	1.00	1	12/14/2023 16:08	WG2189244
Toluene	0.526	J	0.278	1.00	1	12/14/2023 16:08	WG2189244
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/14/2023 16:08	WG2189244
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/14/2023 16:08	WG2189244
1,1,1-Trichloroethane	U		0.149	1.00	1	12/14/2023 16:08	WG2189244
1,1,2-Trichloroethane	U		0.158	1.00	1	12/14/2023 16:08	WG2189244
Trichloroethene	0.237	J	0.190	1.00	1	12/14/2023 16:08	WG2189244
Trichlorofluoromethane	U		0.160	5.00	1	12/14/2023 16:08	WG2189244
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/14/2023 16:08	WG2189244
Vinyl chloride	0.783	J	0.234	1.00	1	12/14/2023 16:08	WG2189244
Xylenes, Total	5.56		0.174	3.00	1	12/14/2023 16:08	WG2189244
(S) Toluene-d8	*107*			*80.0-120*		*12/14/2023 16:08*	WG2189244

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/14/2023 16:08*	WG2189244
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/14/2023 16:08*	WG2189244

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	21.1	J	15.0	50.0	1	12/08/2023 14:17	WG2182909

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	U		20000	1	12/07/2023 15:14	WG2184993
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 15:14	WG2184993

Sample Narrative:

L1683632-20 WG2184993: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferrous Iron	U	T8	15.0	50.0	1	12/03/2023 15:30	WG2181902

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	12/05/2023 22:45	WG2183338

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	12/03/2023 13:59	WG2181954

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	12/12/2023 11:19	WG2185699
Sulfate	U		594	5000	1	12/12/2023 11:19	WG2185699

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	12/23/2023 04:39	WG2193677

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	21.1	J	18.0	100	1	12/08/2023 14:17	WG2182909
Manganese	U		0.934	10.0	1	12/08/2023 14:17	WG2182909
Sodium	U		504	3000	1	12/08/2023 14:17	WG2182909

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	12/11/2023 12:07	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 12:07	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 12:07	WG2186200

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	12/09/2023 03:05	WG2185885
Benzene	U		0.0941	1.00	1	12/09/2023 03:05	WG2185885
Bromochloromethane	U		0.128	1.00	1	12/09/2023 03:05	WG2185885
Bromodichloromethane	U		0.136	1.00	1	12/09/2023 03:05	WG2185885
Bromoform	U	C3	0.129	1.00	1	12/09/2023 03:05	WG2185885
Bromomethane	U		0.605	5.00	1	12/09/2023 03:05	WG2185885
Carbon disulfide	U		0.0962	1.00	1	12/09/2023 03:05	WG2185885
Carbon tetrachloride	U		0.128	1.00	1	12/09/2023 03:05	WG2185885
Chlorobenzene	U		0.116	1.00	1	12/09/2023 03:05	WG2185885
Chlorodibromomethane	U		0.140	1.00	1	12/09/2023 03:05	WG2185885
Chloroethane	U		0.192	5.00	1	12/09/2023 03:05	WG2185885
Chloroform	0.346	J	0.111	5.00	1	12/09/2023 03:05	WG2185885
Chloromethane	U		0.960	2.50	1	12/09/2023 03:05	WG2185885
Cyclohexane	U		0.188	1.00	1	12/09/2023 03:05	WG2185885
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/09/2023 03:05	WG2185885
1,2-Dibromoethane	U		0.126	1.00	1	12/09/2023 03:05	WG2185885
1,2-Dichlorobenzene	U		0.107	1.00	1	12/09/2023 03:05	WG2185885
1,3-Dichlorobenzene	U		0.110	1.00	1	12/09/2023 03:05	WG2185885
1,4-Dichlorobenzene	U		0.120	1.00	1	12/09/2023 03:05	WG2185885
Dichlorodifluoromethane	U		0.374	5.00	1	12/09/2023 03:05	WG2185885
1,1-Dichloroethane	U		0.100	1.00	1	12/09/2023 03:05	WG2185885
1,2-Dichloroethane	U		0.0819	1.00	1	12/09/2023 03:05	WG2185885
1,1-Dichloroethene	U		0.188	1.00	1	12/09/2023 03:05	WG2185885
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/09/2023 03:05	WG2185885
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/09/2023 03:05	WG2185885
1,2-Dichloropropane	U		0.149	1.00	1	12/09/2023 03:05	WG2185885
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/09/2023 03:05	WG2185885
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/09/2023 03:05	WG2185885
Ethylbenzene	U		0.137	1.00	1	12/09/2023 03:05	WG2185885
2-Hexanone	U		0.787	10.0	1	12/09/2023 03:05	WG2185885
Isopropylbenzene	U		0.105	1.00	1	12/09/2023 03:05	WG2185885
2-Butanone (MEK)	U		1.19	10.0	1	12/09/2023 03:05	WG2185885
Methyl Acetate	U		1.29	20.0	1	12/09/2023 03:05	WG2185885
Methyl Cyclohexane	U		0.660	1.00	1	12/09/2023 03:05	WG2185885
Methylene Chloride	U		0.430	5.00	1	12/09/2023 03:05	WG2185885
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/09/2023 03:05	WG2185885
Methyl tert-butyl ether	U		0.101	1.00	1	12/09/2023 03:05	WG2185885
Styrene	U		0.118	1.00	1	12/09/2023 03:05	WG2185885
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/09/2023 03:05	WG2185885
Tetrachloroethene	U		0.300	1.00	1	12/09/2023 03:05	WG2185885
Toluene	U		0.278	1.00	1	12/09/2023 03:05	WG2185885
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/09/2023 03:05	WG2185885
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/09/2023 03:05	WG2185885
1,1,1-Trichloroethane	U		0.149	1.00	1	12/09/2023 03:05	WG2185885
1,1,2-Trichloroethane	U		0.158	1.00	1	12/09/2023 03:05	WG2185885
Trichloroethene	U		0.190	1.00	1	12/09/2023 03:05	WG2185885
Trichlorofluoromethane	U		0.160	5.00	1	12/09/2023 03:05	WG2185885
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/09/2023 03:05	WG2185885
Vinyl chloride	U		0.234	1.00	1	12/09/2023 03:05	WG2185885
Xylenes, Total	U		0.174	3.00	1	12/09/2023 03:05	WG2185885
(S) Toluene-d8	*102*			*80.0-120*		*12/09/2023 03:05*	WG2185885
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*12/09/2023 03:05*	WG2185885
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/09/2023 03:05*	WG2185885

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	12/08/2023 14:29	WG2182909

Wet Chemistry by Method 2320 B-2011/4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	U		20000	1	12/07/2023 10:44	WG2184789
Free Carbon Dioxide	ND	T8	20000	1	12/07/2023 10:44	WG2184789

Sample Narrative:

L1683632-21 WG2184789: 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	12/03/2023 15:31	WG2181902

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	12/06/2023 21:48	WG2184155

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	U		25.0	50.0	1	12/03/2023 13:59	WG2181954

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	12/11/2023 05:13	WG2185696
Sulfate	U		594	5000	1	12/11/2023 05:13	WG2185696

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)	167	B J	102	1000	1	12/23/2023 04:56	WG2193677

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	12/08/2023 14:29	WG2182909
Manganese	U		0.934	10.0	1	12/08/2023 14:29	WG2182909
Sodium	U		504	3000	1	12/08/2023 14:29	WG2182909

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		2.91	10.0	1	12/11/2023 12:13	WG2186200
Ethane	U		4.07	13.0	1	12/11/2023 12:13	WG2186200
Ethene	U		4.26	13.0	1	12/11/2023 12:13	WG2186200

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	12/10/2023 03:03	WG2186208
Benzene	U		0.0941	1.00	1	12/10/2023 03:03	WG2186208
Bromochloromethane	U		0.128	1.00	1	12/10/2023 03:03	WG2186208
Bromodichloromethane	U		0.136	1.00	1	12/10/2023 03:03	WG2186208
Bromoform	U	C3 J4	0.129	1.00	1	12/10/2023 03:03	WG2186208
Bromomethane	U		0.605	5.00	1	12/10/2023 03:03	WG2186208
Carbon disulfide	0.146	B J	0.0962	1.00	1	12/10/2023 03:03	WG2186208
Carbon tetrachloride	U		0.128	1.00	1	12/10/2023 03:03	WG2186208
Chlorobenzene	U		0.116	1.00	1	12/10/2023 03:03	WG2186208
Chlorodibromomethane	U		0.140	1.00	1	12/10/2023 03:03	WG2186208
Chloroethane	U		0.192	5.00	1	12/10/2023 03:03	WG2186208
Chloroform	0.378	J	0.111	5.00	1	12/10/2023 03:03	WG2186208
Chloromethane	U		0.960	2.50	1	12/10/2023 03:03	WG2186208
Cyclohexane	U		0.188	1.00	1	12/10/2023 03:03	WG2186208
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/10/2023 03:03	WG2186208
1,2-Dibromoethane	U	C3 J4	0.126	1.00	1	12/10/2023 03:03	WG2186208
1,2-Dichlorobenzene	U		0.107	1.00	1	12/10/2023 03:03	WG2186208
1,3-Dichlorobenzene	U		0.110	1.00	1	12/10/2023 03:03	WG2186208
1,4-Dichlorobenzene	U		0.120	1.00	1	12/10/2023 03:03	WG2186208
Dichlorodifluoromethane	U		0.374	5.00	1	12/10/2023 03:03	WG2186208
1,1-Dichloroethane	U		0.100	1.00	1	12/10/2023 03:03	WG2186208
1,2-Dichloroethane	U		0.0819	1.00	1	12/10/2023 03:03	WG2186208
1,1-Dichloroethene	U		0.188	1.00	1	12/10/2023 03:03	WG2186208
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/10/2023 03:03	WG2186208
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/10/2023 03:03	WG2186208
1,2-Dichloropropane	U		0.149	1.00	1	12/10/2023 03:03	WG2186208
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/10/2023 03:03	WG2186208
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/10/2023 03:03	WG2186208
Ethylbenzene	U		0.137	1.00	1	12/10/2023 03:03	WG2186208
2-Hexanone	U	C3	0.787	10.0	1	12/10/2023 03:03	WG2186208
Isopropylbenzene	U		0.105	1.00	1	12/10/2023 03:03	WG2186208
2-Butanone (MEK)	U		1.19	10.0	1	12/10/2023 03:03	WG2186208
Methyl Acetate	U		1.29	20.0	1	12/10/2023 03:03	WG2186208
Methyl Cyclohexane	U		0.660	1.00	1	12/10/2023 03:03	WG2186208
Methylene Chloride	U		0.430	5.00	1	12/10/2023 03:03	WG2186208
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/10/2023 03:03	WG2186208
Methyl tert-butyl ether	U		0.101	1.00	1	12/10/2023 03:03	WG2186208
Styrene	U		0.118	1.00	1	12/10/2023 03:03	WG2186208
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	12/10/2023 03:03	WG2186208
Tetrachloroethene	U		0.300	1.00	1	12/10/2023 03:03	WG2186208
Toluene	U		0.278	1.00	1	12/10/2023 03:03	WG2186208
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/10/2023 03:03	WG2186208
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/10/2023 03:03	WG2186208
1,1,1-Trichloroethane	U		0.149	1.00	1	12/10/2023 03:03	WG2186208
1,1,2-Trichloroethane	U		0.158	1.00	1	12/10/2023 03:03	WG2186208
Trichloroethene	U		0.190	1.00	1	12/10/2023 03:03	WG2186208
Trichlorofluoromethane	U		0.160	5.00	1	12/10/2023 03:03	WG2186208
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/10/2023 03:03	WG2186208
Vinyl chloride	U		0.234	1.00	1	12/10/2023 03:03	WG2186208
Xylenes, Total	U		0.174	3.00	1	12/10/2023 03:03	WG2186208
(S) Toluene-d8	*104*			*80.0-120*		*12/10/2023 03:03*	WG2186208
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*		*12/10/2023 03:03*	WG2186208
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*12/10/2023 03:03*	WG2186208

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	12/10/2023 02:19	WG2186208
Benzene	U		0.0941	1.00	1	12/10/2023 02:19	WG2186208
Bromochloromethane	U		0.128	1.00	1	12/10/2023 02:19	WG2186208
Bromodichloromethane	U		0.136	1.00	1	12/10/2023 02:19	WG2186208
Bromoform	U	C3 J4	0.129	1.00	1	12/10/2023 02:19	WG2186208
Bromomethane	U		0.605	5.00	1	12/10/2023 02:19	WG2186208
Carbon disulfide	0.147	B J	0.0962	1.00	1	12/10/2023 02:19	WG2186208
Carbon tetrachloride	U		0.128	1.00	1	12/10/2023 02:19	WG2186208
Chlorobenzene	U		0.116	1.00	1	12/10/2023 02:19	WG2186208
Chlorodibromomethane	U		0.140	1.00	1	12/10/2023 02:19	WG2186208
Chloroethane	U		0.192	5.00	1	12/10/2023 02:19	WG2186208
Chloroform	U		0.111	5.00	1	12/10/2023 02:19	WG2186208
Chloromethane	U		0.960	2.50	1	12/10/2023 02:19	WG2186208
Cyclohexane	U		0.188	1.00	1	12/10/2023 02:19	WG2186208
1,2-Dibromo-3-Chloropropane	U	C3 J4	0.276	5.00	1	12/10/2023 02:19	WG2186208
1,2-Dibromoethane	U	C3 J4	0.126	1.00	1	12/10/2023 02:19	WG2186208
1,2-Dichlorobenzene	U		0.107	1.00	1	12/10/2023 02:19	WG2186208
1,3-Dichlorobenzene	U		0.110	1.00	1	12/10/2023 02:19	WG2186208
1,4-Dichlorobenzene	U		0.120	1.00	1	12/10/2023 02:19	WG2186208
Dichlorodifluoromethane	U		0.374	5.00	1	12/10/2023 02:19	WG2186208
1,1-Dichloroethane	U		0.100	1.00	1	12/10/2023 02:19	WG2186208
1,2-Dichloroethane	U		0.0819	1.00	1	12/10/2023 02:19	WG2186208
1,1-Dichloroethene	U		0.188	1.00	1	12/10/2023 02:19	WG2186208
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/10/2023 02:19	WG2186208
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/10/2023 02:19	WG2186208
1,2-Dichloropropane	U		0.149	1.00	1	12/10/2023 02:19	WG2186208
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/10/2023 02:19	WG2186208
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/10/2023 02:19	WG2186208
Ethylbenzene	U		0.137	1.00	1	12/10/2023 02:19	WG2186208
2-Hexanone	U	C3	0.787	10.0	1	12/10/2023 02:19	WG2186208
Isopropylbenzene	U		0.105	1.00	1	12/10/2023 02:19	WG2186208
2-Butanone (MEK)	U		1.19	10.0	1	12/10/2023 02:19	WG2186208
Methyl Acetate	U		1.29	20.0	1	12/10/2023 02:19	WG2186208
Methyl Cyclohexane	U		0.660	1.00	1	12/10/2023 02:19	WG2186208
Methylene Chloride	0.576	J	0.430	5.00	1	12/10/2023 02:19	WG2186208
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/10/2023 02:19	WG2186208
Methyl tert-butyl ether	U		0.101	1.00	1	12/10/2023 02:19	WG2186208
Styrene	U		0.118	1.00	1	12/10/2023 02:19	WG2186208
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	12/10/2023 02:19	WG2186208
Tetrachloroethene	U		0.300	1.00	1	12/10/2023 02:19	WG2186208
Toluene	U		0.278	1.00	1	12/10/2023 02:19	WG2186208
1,2,3-Trichlorobenzene	U		0.230	1.00	1	12/10/2023 02:19	WG2186208
1,2,4-Trichlorobenzene	U		0.481	1.00	1	12/10/2023 02:19	WG2186208
1,1,1-Trichloroethane	U		0.149	1.00	1	12/10/2023 02:19	WG2186208
1,1,2-Trichloroethane	U		0.158	1.00	1	12/10/2023 02:19	WG2186208
Trichloroethene	U		0.190	1.00	1	12/10/2023 02:19	WG2186208
Trichlorofluoromethane	U		0.160	5.00	1	12/10/2023 02:19	WG2186208
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	12/10/2023 02:19	WG2186208
Vinyl chloride	U		0.234	1.00	1	12/10/2023 02:19	WG2186208
Xylenes, Total	U		0.174	3.00	1	12/10/2023 02:19	WG2186208
(S) Toluene-d8	*104*			*80.0-120*		*12/10/2023 02:19*	WG2186208
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*12/10/2023 02:19*	WG2186208
(S) 1,2-Dichloroethane-d4	*95.2*			*70.0-130*		*12/10/2023 02:19*	WG2186208

Method Blank (MB)

(MB) R4009369-2 12/07/23 10:34

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

Method Blank (MB)

(MB) R4009369-3 12/07/23 10:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	9620	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1683632-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-21 12/07/23 10:44 • (DUP) R4009369-4 12/07/23 10:48

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

L1683632-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-21 12/07/23 10:44 • (DUP) R4009369-5 12/07/23 10:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	9360	8560	1	8.88	J	20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1684015-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1684015-01 12/07/23 13:08 • (DUP) R4009369-6 12/07/23 13:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	131000	131000	1	0.109		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1684015-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1684015-01 12/07/23 13:08 • (DUP) R4009369-7 12/07/23 13:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	6930	6700	1	3.40	J	20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4009369-1 12/07/23 10:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	104000	104	90.0-110	

Sample Narrative:
LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4009525-2 12/07/23 13:52

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

Method Blank (MB)

(MB) R4009525-3 12/07/23 13:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	10900	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1683632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-01 12/07/23 14:01 • (DUP) R4009525-4 12/07/23 14:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	377000	373000	1	1.01		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1683632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-01 12/07/23 14:01 • (DUP) R4009525-5 12/07/23 14:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	158000	146000	1	8.12		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1684097-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1684097-01 12/07/23 15:38 • (DUP) R4009525-6 12/07/23 15:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	113000	114000	1	1.13		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1684097-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1684097-01 12/07/23 15:38 • (DUP) R4009525-7 12/07/23 15:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	8220	8030	1	2.28	J	20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4009525-1 12/07/23 13:47

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

Sample Narrative:
LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4010782-2 12/11/23 08:33

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

Method Blank (MB)

(MB) R4010782-3 12/11/23 08:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	12300	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1683632-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-14 12/11/23 08:42 • (DUP) R4010782-4 12/11/23 08:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	729000	739000	1	1.27		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1683632-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-14 12/11/23 08:42 • (DUP) R4010782-5 12/11/23 08:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	86500	84600	1	2.26		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1685613-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1685613-01 12/11/23 10:35 • (DUP) R4010782-6 12/11/23 10:39

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	97500	99100	1	1.69		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1685613-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1685613-01 12/11/23 10:35 • (DUP) R4010782-7 12/11/23 10:39

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

Laboratory Control Sample (LCS)

(LCS) R4010782-1 12/11/23 08:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	93200	93.2	90.0-110	

Sample Narrative:
LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4007407-1 12/03/23 11:49

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

L1683632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-01 12/03/23 11:52 • (DUP) R4007407-5 12/03/23 11:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ferrous Iron	571	536	1	6.32		20

L1683675-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683675-01 12/03/23 11:55 • (DUP) R4007407-7 12/03/23 11:56

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ferrous Iron	19.0	U	1	200	P1	20

Laboratory Control Sample (LCS)

(LCS) R4007407-2 12/03/23 11:49

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

L1683116-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683116-18 12/03/23 11:50 • (MS) R4007407-3 12/03/23 11:51 • (MSD) R4007407-4 12/03/23 11:51

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 %
Ferrous Iron	1000	U	944	952	94.4	95.2	1	80.0-120			0.844	20

Method Blank (MB)

(MB) R4007446-1 12/03/23 15:20

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

L1683632-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-10 12/03/23 15:26 • (DUP) R4007446-5 12/03/23 15:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	413	445	1	7.46		20

L1683632-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-20 12/03/23 15:30 • (DUP) R4007446-6 12/03/23 15:31

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) R4007446-2 12/03/23 15:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	988	98.8	85.0-115	

L1683632-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-09 12/03/23 15:25 • (MS) R4007446-3 12/03/23 15:26 • (MSD) R4007446-4 12/03/23 15:26

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	225	1340	1330	111	110	1	80.0-120			0.751	20

QUALITY CONTROL SUMMARY

L1683632-01,02,03,04,05,06,07,08,09,10,11,12,14,20

Method Blank (MB)

(MB) R4008521-1 12/05/23 22:11

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

L1683632-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-02 12/05/23 22:18 • (DUP) R4008521-3 12/05/23 22:19

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	72.0	72.1	1	0.139	J	20

L1683632-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-20 12/05/23 22:45 • (DUP) R4008521-6 12/05/23 22:46

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

Laboratory Control Sample (LCS)

(LCS) R4008521-2 12/05/23 22:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2600	104	90.0-110	

L1683632-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-02 12/05/23 22:18 • (MS) R4008521-4 12/05/23 22:20 • (MSD) R4008521-5 12/05/23 22:22

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2500	72.0	2770	2730	108	106	1	90.0-110			1.45	20

L1683632-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1683632-20 12/05/23 22:45 • (MS) R4008521-7 12/05/23 22:47

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	U	2620	105	1	90.0-110	

Method Blank (MB)

(MB) R4009210-1 12/06/23 21:28

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

L1683632-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-21 12/06/23 21:48 • (DUP) R4009210-3 12/06/23 22:02

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

L1683846-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1683846-02 12/06/23 22:17 • (DUP) R4009210-6 12/06/23 22:19

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	334	346	1	3.53		20

Laboratory Control Sample (LCS)

(LCS) R4009210-2 12/06/23 21:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2570	103	90.0-110	

L1683632-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-21 12/06/23 21:48 • (MS) R4009210-4 12/06/23 22:03 • (MSD) R4009210-5 12/06/23 22:05

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2500	U	2430	2410	97.2	96.4	1	90.0-110			0.868	20

L1683846-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1683846-02 12/06/23 22:17 • (MS) R4009210-7 12/06/23 22:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	334	2800	98.6	1	90.0-110	

Method Blank (MB)

(MB) R4007419-1 12/03/23 12:28

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

L1683632-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-07 12/03/23 12:40 • (DUP) R4007419-5 12/03/23 12:40

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

L1683632-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-09 12/03/23 12:41 • (DUP) R4007419-6 12/03/23 12:41

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) R4007419-2 12/03/23 12:28

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

L1683625-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683625-01 12/03/23 12:28 • (MS) R4007419-3 12/03/23 12:35 • (MSD) R4007419-4 12/03/23 12:36

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfide	500	U	442	551	88.4	110	1	80.0-120		J3	22.0	20

Sample Narrative:

MSD: J3

Method Blank (MB)

(MB) R4007427-1 12/03/23 13:57

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

Laboratory Control Sample (LCS)

(LCS) R4007427-2 12/03/23 13:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	500	528	106	85.0-115	

L1683632-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-21 12/03/23 13:59 • (MS) R4007427-4 12/03/23 14:05 • (MSD) R4007427-5 12/03/23 14:05

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 %
Sulfide	500	U	511	510	102	102	1	80.0-120			0.196	20

Method Blank (MB)

(MB) R4010738-1 12/11/23 01:51

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

L1683370-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1683370-20 12/11/23 03:37 • (DUP) R4010738-3 12/11/23 03:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	45200	45400	1	0.525		15
Sulfate	41100	41300	1	0.416		15

L1683801-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1683801-04 12/11/23 09:21 • (DUP) R4010738-6 12/11/23 09:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	94500	94700	1	0.229		15
Sulfate	9520	9530	1	0.125		15

Laboratory Control Sample (LCS)

(LCS) R4010738-2 12/11/23 02:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	38800	97.0	80.0-120	
Sulfate	40000	38000	95.1	80.0-120	

L1683370-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683370-20 12/11/23 03:37 • (MS) R4010738-4 12/11/23 04:05 • (MSD) R4010738-5 12/11/23 04:19

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 %
Chloride	40000	45200	75300	75900	75.3	76.7	1	80.0-120	J6	J6	0.764	15
Sulfate	40000	41100	71300	72000	75.4	77.3	1	80.0-120	J6	J6	1.06	15

L1683801-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1683801-04 12/11/23 09:21 • (MS) R4010738-7 12/11/23 09:48

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	94500	114000	48.9	1	80.0-120	J6
Sulfate	40000	9520	46700	93.1	1	80.0-120	

Method Blank (MB)

(MB) R4011266-1 12/11/23 21:36

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

L1683632-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-05 12/12/23 04:00 • (DUP) R4011266-3 12/12/23 04:14

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	119000	119000	1	0.0594		15
Sulfate	9960	9890	1	0.741		15

L1683632-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-20 12/12/23 11:19 • (DUP) R4011266-6 12/12/23 12:00

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) R4011266-2 12/11/23 21:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	38700	96.9	80.0-120	
Sulfate	40000	38100	95.1	80.0-120	

L1683632-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-05 12/12/23 04:00 • (MS) R4011266-4 12/12/23 04:28 • (MSD) R4011266-5 12/12/23 04:41

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	40000	119000	135000	135000	40.3	38.9	1	80.0-120	J6	J6	0.408	15
Sulfate	40000	9960	47200	47100	93.2	92.9	1	80.0-120			0.242	15

L1683632-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1683632-20 12/12/23 11:19 • (MS) R4011266-7 12/12/23 12:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	U	39000	97.4	1	80.0-120	
Sulfate	40000	U	38300	95.7	1	80.0-120	

Method Blank (MB)

(MB) R4016378-2 12/22/23 07:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	243	J	102	1000

L1683103-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1683103-03 12/22/23 08:02 • (DUP) R4016378-3 12/22/23 08:24

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	7020	7110	1	1.32		20

L1683103-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1683103-15 12/22/23 12:07 • (DUP) R4016378-6 12/22/23 12:35

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	7750	7240	1	6.80		20

Laboratory Control Sample (LCS)

(LCS) R4016378-1 12/22/23 06:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	24200	96.8	85.0-115	

L1683103-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683103-07 12/22/23 09:31 • (MS) R4016378-4 12/22/23 10:01 • (MSD) R4016378-5 12/22/23 10:24

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	7850	32200	31900	97.4	96.3	1	85.0-115			0.842	20

L1683370-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683370-01 12/22/23 13:40 • (MS) R4016378-7 12/22/23 14:11 • (MSD) R4016378-8 12/22/23 14:42

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 %
TOC (Total Organic Carbon)	25000	25100	49300	49900	97.0	99.5	1	85.0-115			1.23	20

Method Blank (MB)

(MB) R4016370-2 12/21/23 13:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	144	J	102	1000

Method Blank (MB)

(MB) R4016370-7 12/22/23 21:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	289	J	102	1000

L1683632-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-06 12/21/23 18:04 • (DUP) R4016370-5 12/21/23 18:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	23400	23600	1	1.11		20

L1683632-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-11 12/22/23 23:14 • (DUP) R4016370-13 12/22/23 23:31

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1220	1180	1	3.17		20

Laboratory Control Sample (LCS)

(LCS) R4016370-1 12/21/23 13:14

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	24000	96.0	85.0-115	

Laboratory Control Sample (LCS)

(LCS) R4016370-6 12/22/23 21:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25000	100	85.0-115	

L1683632-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-05 12/21/23 16:42 • (MS) R4016370-3 12/21/23 17:09 • (MSD) R4016370-4 12/21/23 17:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	2340	26900	26800	98.2	97.7	1	85.0-115			0.522	20

L1683632-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-10 12/22/23 22:09 • (MS) R4016370-11 12/22/23 22:33 • (MSD) R4016370-12 12/22/23 22:58

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 %
TOC (Total Organic Carbon)	25000	5880	31500	31900	103	104	1	85.0-115			1.04	20

Method Blank (MB)

(MB) R4009090-1 12/07/23 01:46

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

Laboratory Control Sample (LCS)

(LCS) R4009090-2 12/07/23 01:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9980	99.8	80.0-120	
Manganese	1000	1010	101	80.0-120	
Sodium	10000	10500	105	80.0-120	

L1683824-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683824-03 12/07/23 01:51 • (MS) R4009090-4 12/07/23 01:57 • (MSD) R4009090-5 12/07/23 01:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	1040	10500	10600	94.4	95.7	1	75.0-125			1.19	20
Manganese	1000	344	1290	1300	94.4	96.1	1	75.0-125			1.31	20
Sodium	10000	1180000	1170000	1170000	0.000	0.000	1	75.0-125	E V	E V	0.512	20

Method Blank (MB)

(MB) R4010215-1 12/08/23 14:11

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) R4010215-2 12/08/23 14:14

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	9280	92.8	80.0-120	
Manganese	1000	930	93.0	80.0-120	
Sodium	10000	9360	93.6	80.0-120	

L1683632-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1683632-20 12/08/23 14:17 • (MS) R4010215-4 12/08/23 14:23 • (MSD) R4010215-5 12/08/23 14:26

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	21.1	9350	9200	93.2	91.8	1	75.0-125			1.53	20
Manganese	1000	U	940	911	94.0	91.1	1	75.0-125			3.18	20
Sodium	10000	U	9420	9320	94.2	93.2	1	75.0-125			1.04	20

Method Blank (MB)

(MB) R4010385-2 12/10/23 10:42

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

L1683632-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-01 12/10/23 10:53 • (DUP) R4010385-3 12/10/23 11:44

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

L1683812-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1683812-01 12/10/23 12:17 • (DUP) R4010385-4 12/10/23 14:14

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) R4010385-1 12/10/23 10:39 • (LCSD) R4010385-5 12/10/23 14:17

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	62.4	68.8	92.0	101	85.0-115			9.76	20
Ethane	129	114	116	88.4	89.9	85.0-115			1.74	20
Ethene	127	115	116	90.6	91.3	85.0-115			0.866	20

Method Blank (MB)

(MB) R4010744-2 12/11/23 10:58

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

L1683632-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-08 12/11/23 11:01 • (DUP) R4010744-3 12/11/23 11:52

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

L1683632-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-20 12/11/23 12:07 • (DUP) R4010744-4 12/11/23 12:53

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

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

(LCS) R4010744-1 12/11/23 10:55 • (LCSD) R4010744-5 12/11/23 12:56

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	61.9	61.8	91.3	91.2	85.0-115			0.162	20
Ethane	129	115	114	89.1	88.4	85.0-115			0.873	20
Ethene	127	116	115	91.3	90.6	85.0-115			0.866	20

Method Blank (MB)

(MB) R4010404-2 12/10/23 15:14

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

L1683620-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1683620-07 12/10/23 15:18 • (DUP) R4010404-3 12/10/23 16:04

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	30200	30000	10	0.664		20

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

(LCS) R4010404-1 12/10/23 15:12 • (LCSD) R4010404-4 12/10/23 16:10

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	65.2	63.7	96.2	94.0	85.0-115			2.33	20

Method Blank (MB)

(MB) R4010807-2 12/11/23 14:48

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

L1683632-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1683632-18 12/11/23 14:52 • (DUP) R4010807-3 12/11/23 15:17

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	9040	9020	10	0.221		20

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

(LCS) R4010807-1 12/11/23 14:30 • (LCSD) R4010807-4 12/11/23 15:27

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	69.3	70.3	102	104	85.0-115			1.43	20

Method Blank (MB)

(MB) R4010737-3 12/09/23 02:43

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) R4010737-3 12/09/23 02:43

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	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

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

(LCS) R4010737-1 12/09/23 01:35 • (LCSD) R4010737-2 12/09/23 01:58

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	38.6	38.9	154	156	19.0-160			0.774	27
Benzene	5.00	4.84	5.00	96.8	100	70.0-123			3.25	20
Bromochloromethane	5.00	4.67	4.81	93.4	96.2	76.0-122			2.95	20
Bromodichloromethane	5.00	4.74	4.69	94.8	93.8	75.0-120			1.06	20
Bromoform	5.00	3.58	3.64	71.6	72.8	68.0-132			1.66	20
Bromomethane	5.00	4.17	4.59	83.4	91.8	10.0-160			9.59	25
Carbon disulfide	5.00	4.10	4.17	82.0	83.4	61.0-128			1.69	20
Carbon tetrachloride	5.00	4.93	5.14	98.6	103	68.0-126			4.17	20
Chlorobenzene	5.00	4.87	5.01	97.4	100	80.0-121			2.83	20
Chlorodibromomethane	5.00	4.29	4.17	85.8	83.4	77.0-125			2.84	20
Chloroethane	5.00	4.66	4.80	93.2	96.0	47.0-150			2.96	20
Chloroform	5.00	4.89	4.98	97.8	99.6	73.0-120			1.82	20
Chloromethane	5.00	5.24	5.40	105	108	41.0-142			3.01	20
Cyclohexane	5.00	5.34	5.39	107	108	71.0-124			0.932	20
1,2-Dibromo-3-Chloropropane	5.00	3.06	2.74	61.2	54.8	58.0-134		J4	11.0	20
1,2-Dibromoethane	5.00	4.15	4.13	83.0	82.6	80.0-122			0.483	20
1,2-Dichlorobenzene	5.00	5.03	4.88	101	97.6	79.0-121			3.03	20
1,3-Dichlorobenzene	5.00	4.93	4.85	98.6	97.0	79.0-120			1.64	20
1,4-Dichlorobenzene	5.00	4.87	4.82	97.4	96.4	79.0-120			1.03	20
Dichlorodifluoromethane	5.00	4.69	4.83	93.8	96.6	51.0-149			2.94	20

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

(LCS) R4010737-1 12/09/23 01:35 • (LCSD) R4010737-2 12/09/23 01:58

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	5.16	5.32	103	106	70.0-126			3.05	20
1,2-Dichloroethane	5.00	5.00	5.02	100	100	70.0-128			0.399	20
1,1-Dichloroethene	5.00	4.54	4.44	90.8	88.8	71.0-124			2.23	20
cis-1,2-Dichloroethene	5.00	4.65	4.79	93.0	95.8	73.0-120			2.97	20
trans-1,2-Dichloroethene	5.00	4.44	4.59	88.8	91.8	73.0-120			3.32	20
1,2-Dichloropropane	5.00	5.21	5.24	104	105	77.0-125			0.574	20
cis-1,3-Dichloropropene	5.00	4.67	4.62	93.4	92.4	80.0-123			1.08	20
trans-1,3-Dichloropropene	5.00	4.40	4.39	88.0	87.8	78.0-124			0.228	20
Ethylbenzene	5.00	4.94	4.86	98.8	97.2	79.0-123			1.63	20
2-Hexanone	25.0	20.2	20.6	80.8	82.4	67.0-149			1.96	20
Isopropylbenzene	5.00	4.99	5.13	99.8	103	76.0-127			2.77	20
2-Butanone (MEK)	25.0	25.8	27.0	103	108	44.0-160			4.55	20
Methyl Acetate	25.0	26.8	27.1	107	108	57.0-148			1.11	20
Methyl Cyclohexane	5.00	5.42	5.42	108	108	68.0-126			0.000	20
Methylene Chloride	5.00	4.36	4.40	87.2	88.0	67.0-120			0.913	20
4-Methyl-2-pentanone (MIBK)	25.0	25.6	25.9	102	104	68.0-142			1.17	20
Methyl tert-butyl ether	5.00	4.48	4.53	89.6	90.6	68.0-125			1.11	20
Styrene	5.00	4.72	4.78	94.4	95.6	73.0-130			1.26	20
1,1,2,2-Tetrachloroethane	5.00	4.07	3.90	81.4	78.0	65.0-130			4.27	20
Tetrachloroethene	5.00	4.79	4.83	95.8	96.6	72.0-132			0.832	20
Toluene	5.00	4.68	4.77	93.6	95.4	79.0-120			1.90	20
1,2,3-Trichlorobenzene	5.00	5.17	5.16	103	103	50.0-138			0.194	20
1,2,4-Trichlorobenzene	5.00	5.44	5.40	109	108	57.0-137			0.738	20
1,1,1-Trichloroethane	5.00	4.71	4.83	94.2	96.6	73.0-124			2.52	20
1,1,2-Trichloroethane	5.00	4.34	4.46	86.8	89.2	80.0-120			2.73	20
Trichloroethene	5.00	4.81	4.90	96.2	98.0	78.0-124			1.85	20
Trichlorofluoromethane	5.00	4.91	5.07	98.2	101	59.0-147			3.21	20
1,1,2-Trichlorotrifluoroethane	5.00	5.57	5.53	111	111	69.0-132			0.721	20
Vinyl chloride	5.00	4.50	4.64	90.0	92.8	67.0-131			3.06	20
Xylenes, Total	15.0	14.6	14.9	97.3	99.3	79.0-123			2.03	20
(S) Toluene-d8				*98.8*	*99.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.0*	*97.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4011231-3 12/10/23 01:34

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	0.190	J	0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	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) R4011231-3 12/10/23 01:34

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	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*

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

(LCS) R4011231-1 12/10/23 00:27 • (LCSD) R4011231-2 12/10/23 00:49

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	36.7	38.2	147	153	19.0-160			4.01	27
Benzene	5.00	5.35	5.46	107	109	70.0-123			2.04	20
Bromochloromethane	5.00	4.74	4.80	94.8	96.0	76.0-122			1.26	20
Bromodichloromethane	5.00	4.89	4.93	97.8	98.6	75.0-120			0.815	20
Bromoform	5.00	3.17	3.34	63.4	66.8	68.0-132	J4	J4	5.22	20
Bromomethane	5.00	4.93	4.90	98.6	98.0	10.0-160			0.610	25
Carbon disulfide	5.00	5.12	5.18	102	104	61.0-128			1.17	20
Carbon tetrachloride	5.00	5.09	5.15	102	103	68.0-126			1.17	20
Chlorobenzene	5.00	5.55	5.74	111	115	80.0-121			3.37	20
Chlorodibromomethane	5.00	4.22	4.38	84.4	87.6	77.0-125			3.72	20
Chloroethane	5.00	5.00	5.25	100	105	47.0-150			4.88	20
Chloroform	5.00	5.26	5.30	105	106	73.0-120			0.758	20
Chloromethane	5.00	6.04	5.98	121	120	41.0-142			0.998	20
Cyclohexane	5.00	5.68	6.01	114	120	71.0-124			5.65	20
1,2-Dibromo-3-Chloropropane	5.00	2.33	2.52	46.6	50.4	58.0-134	J4	J4	7.84	20
1,2-Dibromoethane	5.00	3.96	4.11	79.2	82.2	80.0-122	J4		3.72	20
1,2-Dichlorobenzene	5.00	5.43	5.46	109	109	79.0-121			0.551	20
1,3-Dichlorobenzene	5.00	5.39	5.66	108	113	79.0-120			4.89	20
1,4-Dichlorobenzene	5.00	5.46	5.64	109	113	79.0-120			3.24	20
Dichlorodifluoromethane	5.00	4.84	5.19	96.8	104	51.0-149			6.98	20

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

(LCS) R4011231-1 12/10/23 00:27 • (LCSD) R4011231-2 12/10/23 00:49

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	5.64	5.76	113	115	70.0-126			2.11	20
1,2-Dichloroethane	5.00	5.02	5.00	100	100	70.0-128			0.399	20
1,1-Dichloroethene	5.00	4.72	5.03	94.4	101	71.0-124			6.36	20
cis-1,2-Dichloroethene	5.00	4.94	5.02	98.8	100	73.0-120			1.61	20
trans-1,2-Dichloroethene	5.00	4.92	5.00	98.4	100	73.0-120			1.61	20
1,2-Dichloropropane	5.00	5.61	5.97	112	119	77.0-125			6.22	20
cis-1,3-Dichloropropene	5.00	4.66	4.80	93.2	96.0	80.0-123			2.96	20
trans-1,3-Dichloropropene	5.00	4.29	4.41	85.8	88.2	78.0-124			2.76	20
Ethylbenzene	5.00	5.55	5.69	111	114	79.0-123			2.49	20
2-Hexanone	25.0	18.3	19.3	73.2	77.2	67.0-149			5.32	20
Isopropylbenzene	5.00	5.59	5.80	112	116	76.0-127			3.69	20
2-Butanone (MEK)	25.0	23.1	23.4	92.4	93.6	44.0-160			1.29	20
Methyl Acetate	25.0	21.6	21.9	86.4	87.6	57.0-148			1.38	20
Methyl Cyclohexane	5.00	5.70	6.11	114	122	68.0-126			6.94	20
Methylene Chloride	5.00	4.73	4.81	94.6	96.2	67.0-120			1.68	20
4-Methyl-2-pentanone (MIBK)	25.0	22.4	23.4	89.6	93.6	68.0-142			4.37	20
Methyl tert-butyl ether	5.00	4.48	4.53	89.6	90.6	68.0-125			1.11	20
Styrene	5.00	5.28	5.48	106	110	73.0-130			3.72	20
1,1,2,2-Tetrachloroethane	5.00	3.82	3.94	76.4	78.8	65.0-130			3.09	20
Tetrachloroethene	5.00	5.27	5.59	105	112	72.0-132			5.89	20
Toluene	5.00	5.28	5.48	106	110	79.0-120			3.72	20
1,2,3-Trichlorobenzene	5.00	4.65	4.88	93.0	97.6	50.0-138			4.83	20
1,2,4-Trichlorobenzene	5.00	5.50	5.69	110	114	57.0-137			3.40	20
1,1,1-Trichloroethane	5.00	5.09	5.17	102	103	73.0-124			1.56	20
1,1,2-Trichloroethane	5.00	4.32	4.54	86.4	90.8	80.0-120			4.97	20
Trichloroethene	5.00	5.13	5.03	103	101	78.0-124			1.97	20
Trichlorofluoromethane	5.00	6.15	6.45	123	129	59.0-147			4.76	20
1,1,2-Trichlorotrifluoroethane	5.00	5.77	6.06	115	121	69.0-132			4.90	20
Vinyl chloride	5.00	4.57	4.62	91.4	92.4	67.0-131			1.09	20
Xylenes, Total	15.0	16.6	17.0	111	113	79.0-123			2.38	20
(S) Toluene-d8				*103*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.1*	*95.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*94.3*	*97.4*	*70.0-130*				

Method Blank (MB)

(MB) R4013045-3 12/14/23 15:08

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) R4013045-3 12/14/23 15:08

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	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

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

(LCS) R4013045-1 12/14/23 14:07 • (LCSD) R4013045-2 12/14/23 14:28

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	36.8	36.3	147	145	19.0-160			1.37	27
Benzene	5.00	5.16	5.04	103	101	70.0-123			2.35	20
Bromochloromethane	5.00	5.54	5.32	111	106	76.0-122			4.05	20
Bromodichloromethane	5.00	5.25	5.06	105	101	75.0-120			3.69	20
Bromoform	5.00	4.44	4.54	88.8	90.8	68.0-132			2.23	20
Bromomethane	5.00	3.22	3.30	64.4	66.0	10.0-160			2.45	25
Carbon disulfide	5.00	4.93	4.75	98.6	95.0	61.0-128			3.72	20
Carbon tetrachloride	5.00	5.43	5.35	109	107	68.0-126			1.48	20
Chlorobenzene	5.00	5.07	5.06	101	101	80.0-121			0.197	20
Chlorodibromomethane	5.00	4.93	4.95	98.6	99.0	77.0-125			0.405	20
Chloroethane	5.00	4.97	4.76	99.4	95.2	47.0-150			4.32	20
Chloroform	5.00	5.25	5.11	105	102	73.0-120			2.70	20
Chloromethane	5.00	5.93	5.80	119	116	41.0-142			2.22	20
Cyclohexane	5.00	4.87	4.86	97.4	97.2	71.0-124			0.206	20
1,2-Dibromo-3-Chloropropane	5.00	4.63	4.71	92.6	94.2	58.0-134			1.71	20
1,2-Dibromoethane	5.00	5.10	5.14	102	103	80.0-122			0.781	20
1,2-Dichlorobenzene	5.00	5.34	5.21	107	104	79.0-121			2.46	20
1,3-Dichlorobenzene	5.00	5.13	5.19	103	104	79.0-120			1.16	20
1,4-Dichlorobenzene	5.00	5.20	4.88	104	97.6	79.0-120			6.35	20
Dichlorodifluoromethane	5.00	5.85	5.95	117	119	51.0-149			1.69	20

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

(LCS) R4013045-1 12/14/23 14:07 • (LCSD) R4013045-2 12/14/23 14:28

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	5.37	5.14	107	103	70.0-126			4.38	20
1,2-Dichloroethane	5.00	5.71	5.45	114	109	70.0-128			4.66	20
1,1-Dichloroethene	5.00	5.26	4.96	105	99.2	71.0-124			5.87	20
cis-1,2-Dichloroethene	5.00	5.07	4.99	101	99.8	73.0-120			1.59	20
trans-1,2-Dichloroethene	5.00	5.15	5.06	103	101	73.0-120			1.76	20
1,2-Dichloropropane	5.00	5.28	5.07	106	101	77.0-125			4.06	20
cis-1,3-Dichloropropene	5.00	4.97	4.87	99.4	97.4	80.0-123			2.03	20
trans-1,3-Dichloropropene	5.00	4.98	5.04	99.6	101	78.0-124			1.20	20
Ethylbenzene	5.00	5.12	5.21	102	104	79.0-123			1.74	20
2-Hexanone	25.0	26.4	26.6	106	106	67.0-149			0.755	20
Isopropylbenzene	5.00	5.16	5.33	103	107	76.0-127			3.24	20
2-Butanone (MEK)	25.0	31.3	31.1	125	124	44.0-160			0.641	20
Methyl Acetate	25.0	26.9	27.0	108	108	57.0-148			0.371	20
Methyl Cyclohexane	5.00	5.17	4.82	103	96.4	68.0-126			7.01	20
Methylene Chloride	5.00	5.11	4.78	102	95.6	67.0-120			6.67	20
4-Methyl-2-pentanone (MIBK)	25.0	29.4	29.6	118	118	68.0-142			0.678	20
Methyl tert-butyl ether	5.00	5.05	4.93	101	98.6	68.0-125			2.40	20
Styrene	5.00	5.11	5.06	102	101	73.0-130			0.983	20
1,1,2,2-Tetrachloroethane	5.00	5.50	5.22	110	104	65.0-130			5.22	20
Tetrachloroethene	5.00	5.01	5.20	100	104	72.0-132			3.72	20
Toluene	5.00	5.04	5.07	101	101	79.0-120			0.593	20
1,2,3-Trichlorobenzene	5.00	6.41	6.69	128	134	50.0-138			4.27	20
1,2,4-Trichlorobenzene	5.00	5.87	5.75	117	115	57.0-137			2.07	20
1,1,1-Trichloroethane	5.00	5.56	5.35	111	107	73.0-124			3.85	20
1,1,2-Trichloroethane	5.00	5.26	5.31	105	106	80.0-120			0.946	20
Trichloroethene	5.00	5.24	5.12	105	102	78.0-124			2.32	20
Trichlorofluoromethane	5.00	5.28	5.17	106	103	59.0-147			2.11	20
1,1,2-Trichlorotrifluoroethane	5.00	4.76	4.72	95.2	94.4	69.0-132			0.844	20
Vinyl chloride	5.00	5.36	5.24	107	105	67.0-131			2.26	20
Xylenes, Total	15.0	15.5	15.3	103	102	79.0-123			1.30	20
(S) Toluene-d8				*104*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.3*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*105*	*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.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	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.

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;alex.newbrough

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: **Oceanside NY**

Please Circle: PT MT CT (ET)

Phone:
(908)380-7457

Client Project #
30062947.19.45

Lab Project #
CHEVARCNY-6518040

Collected by (print):
Shekhar Gahlod, Francisco Bautista

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: **Standard TAT**

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			
								L2	L2	L2			L2					
MW-27-D2-W-231129	G	GW	—	11/29/23	2210	11	X	X	X	X	X	X	X	X				-01
MW-28-D2R-W-231129	G	GW	—	11/29/23	2345	11	X	X	X	X	X	X	X	X				-02
MW-24-D2-W-231129	G	GW	—	11/29/23	2300	11	X	X	X	X	X	X	X	X				-03
MW-24-VDR-W-231129	G	GW	—	11/29/23	2255	11	X	X	X	X	X	X	X	X				-04
AMW-15-VD-W-231130	G	GW	—	11/30/23	0105	11	X	X	X	X	X	X	X	X				-05
AMW-7R-W-231130	G	GW	—	11/30/23	2015	11	X	X	X	X	X	X	X	X				-06
AMW-14-VD-W-231130	G	GW	—	11/30/23	2050	11	X	X	X	X	X	X	X	X				-07
AMW-14-D2-W-231130	G	GW	—	11/30/23	2135	11	X	X	X	X	X	X	X	X				-08
MW-28-D1-W-231129	G	GW	—	11/29/23	2353	11	X	X	X	X	X	X	X	X				-09
MW-26-D2-W-		GW				11	X	X	X	X	X	X	X	X				-10

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1483682

Table # B203

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1040779**
PM: **526 - Chris McCord**
PB: **11/27/23**

Shipped Via: **FedEX Priority**

Remarks | Sample # (lab only)

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCl / MeoH TBR	If preservation required by Login: Date/Time
[signature]	11/30/23	1545		G	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 231	PH-10BDH4321 TR(-235236) CR6-20221V
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12.2.23 Time: 9:00	Hold: Condition: NCF / OK

Company Name/Address:

Arcadis - Chevron - NY

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

Pres Chk

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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Report to: **Max Mansilla**

Email To: maxwell.mansilla@arcadis.com;alex.newbrough

Project Description: POD 4 - Oceanside 6518040

City/State Collected: Oceanside NY

Please Circle: PT MT CT (ET)

Phone: (908) 380-7457

Client Project # 30062947.19.45

Lab Project # CHEVARCNY-6518040

Collected by (print): Shekhar Gahlod, Faustino Baptista

Site/Facility ID # 6518040

P.O. #

Collected by (signature):

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

Quote #

Date Results Needed: Standard TAT

Immediately Packed on Ice N ___ Y ✓

SDG # L1663632

Table #

Acctnum: CHEVARCNY
Template: T182105
Prelogin: P1040779
PM: 526 - Chris McCord
PB: 11/27/23
Shipped Via: FedEX Priority

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
Pres Chk								<2	<2	<2			<2				
MW-23-D2R-W-231130	G	GW	—	11/30/23	2210	11	X	X	X	X	X	X	X	X			-10
AMW-15-D2-W-231130	G	GW	—	11/30/23	0135	11	X	X	X	X	X	X	X	X			-11
AMW-15-D3-W-231130	G	GW	—	11/30/23	0135	11	X	X	X	X	X	X	X	X			-12
MW-23-D1R-W-		GW				11	X	X	X	X	X	X	X	X			
AMW-15-D1-W-231130	G	GW	—	11/30/23	0100	11	X	X	X	X	X	X	X	X			-13
MW-27-D1R-W-231129	G	GW	—	11/29/23	2215	11	X	X	X	X	X	X	X	X			-14
MW-26-D1-W-		GW				11	X	X	X	X	X	X	X	X			
MW-29-D1-W-231130	G	GW	—	11/30/23	2345	11	X	X	X	X	X	X	X	X			-15
AMW-14-D1-W-231130	G	GW	—	11/30/23	2045	11	X	X	X	X	X	X	X	X			-16
MW-24-D1R-W-231130	G	GW	—	11/30/23	2220	11	X	X	X	X	X	X	X	X			-17

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

Remarks:

pH ___ Temp ___
Flow ___ Other ___

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

Samples returned via: __ UPS __ FedEx __ Courier ___

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	11/30/23	1545		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12.2.23 Time: 9:00
			g 10	

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

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;alex.newbrough

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: **Oceanside NY**

Please Circle: PT MT CT ET

Phone: **(908) 380-7467**

Client Project #: **30062947.19.45**

Lab Project #: **CHEVARCNY-6518040**

Collected by (print): **Shekhar Gahlod, Fausto Barbisa**

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: **Standard TAT**

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-231130	G	GW	—	11/30/23	1950	11	X	X	X	X	X	X	X	X				-18
BD-W-231130	G	GW	—	11/30/23	—	11	X	X	X	X	X	X	X	X				-19
FB-W-231129	G	GW	—	11/29/23	2330	11	X	X	X	X	X	X	X	X				-20
FB-W-231130	G	GW	—	11/30/23	2245	11	X	X	X	X	X	X	X	X				-21
FB-W-		GW				11	X	X	X	X	X	X	X	X				
		GW				11	X	X	X	X	X	X	X	X				
		GW				11	X	X	X	X	X	X	X	X				
		GW				11	X	X	X	X	X	X	X	X				
TB-W-231130	G	GW	—	11/30/23	—	1									X			-22
TB-W-		GW				1									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)
	11/30/23	1545	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			10

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:

Date: 12/7/23 Time: 9:00

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 3 of 3

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1683632

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1040779**
PM: **526 - Chris McCord**
PB: **11/27/23**

Shipped Via: **FedEX Priority**

LI6836J2

Tracking Numbers	Tempature
7123 3309 9866	cc18 5.0+0=5.0
7123 3309 9822	cc18 4.9+0=4.9
7123 3309 9796	cc18 3.3+0=3.3
7123 3309 9833	cc18 2.7+0=2.7
7123 3309 9844	cc18 3.3+0=3.3
7123 3309 9855	cc18 5.6+0=5.6