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Date: October 21, 2024
Our Ref: 30062947
Subject: **Third Quarter 2024 Groundwater Monitoring Report**
Chevron Facility #6518040
Former Gulf Oil Terminal
3705 Hampton Road, Oceanside, New York
NYSDEC Site #130165

Dear Mr. Scharf,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis of New York, Inc. (Arcadis) has prepared this Third Quarter 2024 Groundwater Monitoring Report for the New York State Department of Environmental Conservation (NYSDEC) in accordance with the Order on Consent and Administrative Settlement for the former Gulf Oil Terminal in Oceanside, New York, NYDEC Site #130165 (site; **Figure 1**). This monitoring report summarizes the September 4 and 5, 2024 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 September 4, 2024, 34 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-VD, MW-27-D1R, MW-27-D2, 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™. The gauging log is included in **Attachment 1**.

Monitoring wells were gauged at high tide on September 4, 2024. Measured groundwater elevations in the D1 horizon varied from 1.14 feet above mean sea level (ft amsl) in AMW-7R to 3.00 ft amsl in MW-18R. Measured groundwater elevations in the D2 horizon varied from 1.74 ft amsl in MW-31-D2R to 2.08 ft amsl in MW-29-D2. Measured groundwater elevations in the VD horizon varied from 1.86 ft amsl in MW-26-VD to 2.75 ft amsl in MW-30-VD. Groundwater elevation data were used to generate Groundwater Elevation Contour Maps for horizon D1, D2, and VD and are included as **Figures 3, 4, and 5**, respectively. The approximate groundwater flow direction for the D1 horizon is to the west, the D2 horizon is to the east, and for the VD horizon to the north-northwest. The well gauging data is summarized in **Table 1** and illustrated on **Figures 3, 4, and 5**.

Groundwater Sampling

On September 4 and 5, 2024 , groundwater samples were collected from HydraSleeves™ that were deployed in 19 monitoring wells (AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-7R, AMW-15-D1, AMW-15-D2, AMW-15-D3, AMW-15-VD, MW-18R, MW-23-D1R, MW-24-D1R, MW-24-D2, MW-24-VDR, MW-26-D1, MW-27-D1R, MW-27-D2, MW-28-D1, MW-28-D2R and MW-29-D1). Monitoring well MW-26-D2 was not sampled as the HydraSleeve™ could not be located/retrieved due to an obstruction. 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) after each night of sampling. 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 Operation Guidance Series (TOGS) No. 1.1.1 standards and guidance values, in the samples collected during the first quarter 2024 sampling event:

- Benzene exceeded the NYS Class GA standard of 1 microgram per Liter (µg/L) at monitoring wells AMW-14-D1 (8.49 µg/L), AMW-15-D1 (1.64 µg/L), MW-18R (37.8 µg/L), MW-24-D1R (9.45 µg/L), MW-26-D1 (19.1 µg/L), MW-27-D1R (3.23 µg/L), and MW-28-D1 (5.74 µg/L).
- Ethylbenzene exceeded the NYS Class GA standard of 5 µg/L at monitoring wells AMW-14-D1 (5.75 µg/L), AMW-24-D1R (7.39 µg/L), and MW-26-D1 (9.40 µg/L).
- Total xylenes exceeded the NYS Class GA standard of 5 µg/L at monitoring wells AMW-24-D1R (6.97 µg/L) and MW-26-D1 (14.6 µg/L).
- Methyl tert-butyl ether (MTBE) exceeded the NYS Class GA guidance value of 10 µg/L at monitoring wells AMW-14-D1 (182 µg/L), AMW-14-D2 (11.5 µg/L), AMW-15-D1 (28.1 µg/L), AMW-15-D2 (26.6 µg/L), MW-18R (37.2 µg /L), MW-23-D1R (54.6 µg /L), MW-24-D1R (160 µg/L), MW-24-D2 (38.4 µg/L), MW-26-D1 (72.9 µg/L), MW-27-D1R (17.0 µg/L), and MW-28-D1 (14.8 µg/L).
- trans-1,2-dichloroethene exceeded the NYS Glass GA standard value of 5 µg/L at monitoring wells AMW-14-D1 (6.97 ug/L) and MW-24-D1R (7.79 µg/L).

- Vinyl Chloride exceeded the NYS Class GA standard of 2 µg/L at monitoring wells MW-24-D1R (2.41 µg/L) and MW-27-D1R (18.5 µg/L).
- All other constituents did not exceed their respective NYS Class GA standard.

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 the 19 monitoring wells sampled during the event.

Future Site Activities

The next quarterly sampling event is tentatively scheduled for December 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.

Alexandria Newbrough
Project Manager

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CC. Rob Speer, Chevron Environmental Management Company
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Mr. Steven M. Scharf, P.E.
New York State Department of Environmental Conservation

Enclosures:

Tables

1 Groundwater Elevation Data – September 4, 2024
2 Summary of Groundwater Sampling Results – September 4 and 5, 2024
3 Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024

Figures

1 Site Location Map
2 Site Plan
3 D1 Horizon Groundwater Contour Map – September 4, 2024
4 D2 Horizon Groundwater Contour Map – September 4, 2024
5 VD Horizon Groundwater Contour Map – September 4, 2024
6 Groundwater Analytical Results – September 4 and 5, 2024

Attachments

1 Groundwater Gauging and Sampling Logs
2 Laboratory Analytical Report

Tables

Table 1
Groundwater Elevation Data – September 04, 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Monitoring Well ID	Date	Well Diameter (in)	Well Depth (feet below TOC)	TOC Elevation (feet NAVD 88)*	Depth to LNAPL (feet below TOC)	Depth to Groundwater (feet below TOC)	Groundwater Table Elevation (feet NAVD 88*)
Shallow Fill Unit Monitoring Wells							
AMW-3	9/4/2024	2	12.38	9.05	ND	6.19	2.86
AMW-7R	9/4/2024	2	13.86	9.95	ND	8.81	1.14
MW-18R	9/4/2024	2	9.93	7.98	ND	4.98	3.00
D1 Horizon Monitoring Wells							
AMW-13-D1	9/4/2024	2	32.83	9.87	ND	7.85	2.02
AMW-14-D1	9/4/2024	2	32.63	9.38	ND	7.42	1.96
AMW-15-D1	9/4/2024	2	35.79	9.74	ND	7.76	1.98
MW-23-D1R	9/4/2024	2	26.26	9.84	ND	7.80	2.04
MW-24-D1R	9/4/2024	2	31.46	9.82	ND	7.88	1.94
MW-26-D1	9/4/2024	2	19.36	9.95	ND	7.99	1.96
MW-27-D1R	9/4/2024	2	32.21	9.01	ND	6.97	2.04
MW-28-D1	9/4/2024	2	30.13	8.25	ND	6.21	2.04
MW-29-D1	9/4/2024	2	21.83	5.21	ND	3.21	2.00
MW-30-D1	9/4/2024	2	29.82	8.74	ND	6.80	1.94
MW-31-D1R	9/4/2024	2	29.92	8.39	ND	6.48	1.91
MW-32D	9/4/2024	2	35.90	8.85	ND	6.00	2.85
OW-2-D1	9/4/2024	2	33.66	9.94	ND	8.18	1.76
D2 Horizon Monitoring Wells							
AMW-13-D2	9/4/2024	2	42.71	9.76	ND	7.90	1.86
AMW-14-D2	9/4/2024	2	42.69	9.37	ND	7.35	2.02
AMW-15-D2	9/4/2024	2	40.82	9.71	ND	7.73	1.98
MW-23-D2R	9/4/2024	2	45.89	10.52	ND	8.52	2.00
MW-24-D2	9/4/2024	2	41.62	10.00	ND	8.21	1.79
MW-27-D2	9/4/2024	2	46.39	9.09	ND	7.05	2.04
MW-28-D2R	9/4/2024	2	46.38	8.40	ND	6.40	2.00
MW-29-D2	9/4/2024	2	37.80	5.38	ND	3.30	2.08
MW-30-D2	9/4/2024	2	40.29	8.72	ND	6.72	2.00
MW-31-D2R	9/4/2024	2	45.95	8.35	ND	6.61	1.74
D3 Horizon Monitoring Wells							
AMW-15-D3	9/4/2024	2	68.02	9.81	ND	7.78	2.03
VD Horizon Monitoring Wells							
AMW-13-VD	9/4/2024	2	70.30	9.77	ND	7.52	2.25
AMW-14-VD	9/4/2024	2	74.36	9.25	ND	7.38	1.87
AMW-15-VD	9/4/2024	2	71.07	9.82	ND	7.55	2.27
MW-24-VDR	9/4/2024	2	67.82	9.72	ND	7.32	2.40
MW-26-VD	9/4/2024	2	67.50	9.99	ND	8.13	1.86
MW-29-VD	9/4/2024	2	59.65	5.27	ND	2.81	2.46
MW-30-VD	9/4/2024	2	82.54	8.70	ND	5.95	2.75

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

Table 2
Summary of Groundwater Sampling Results – September 4 and 5, 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Lab Sample ID	Date Sampled	Volatile Organics										GC Volatiles - RSK-175	Inorganics			General Chemistry			
		Benzene	Toluene	Ethyl-benzene	Xylene (total)	Methyl-t-butyl ether	Isopropyl-benzene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Trichloro-ethene (Trichloro-ethylene)	Vinyl Chloride (Chloroethene)	Carbon Dioxide	Iron	Manganese	Sodium	Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Nitrate-Nitrite
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	09/05/2024	**8.49**	**0.303 J**	**5.75**	**0.302 J**	**182**	**0.986 J**	<1.00	**6.97**	<1.00	<1.00 J4	**20.4 T8**	**1,440**	**24.3**	**971,000**	**346,000**	**1,670**	**0.813**	<200
AMW-14-D2	09/05/2024	<1.00	<1.00	<1.00	<3.00	**11.5**	<1.00	<1.00	**0.934 J**	<1.00	<1.00 J4	**98.4 T8**	**401**	**72.7**	**2,060,000**	**779,000**	**3,530**	<0.100	<100
AMW-14-VD	09/05/2024	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**170 T8**	**18,900**	**431**	**8,220,000**	**659,000**	**16,400**	**4.57**	<100
AMW-15-D1	09/05/2024	**1.64**	<1.00	**0.146 J**	<3.00	**28.1**	**0.198 J**	**0.168 J**	**0.556 J**	**0.214 J**	<1.00	**35.6 B T8**	**3,100**	**30.1**	**1,340,000**	**627,000**	**2,490**	**2.64**	<100
AMW-15-D2	09/05/2024	<1.00	<1.00	<1.00	<3.00	**26.6**	<1.00	**0.222 J**	<1.00	<1.00	<1.00	**75.3 B T8**	**7,640**	**96.2**	**1,440,000**	**563,000**	**2,540**	**7.13**	<500
AMW-15-D3	09/05/2024	**0.662 J**	<1.00	<1.00	<3.00	**3.41**	<1.00	**0.792 J**	**0.159 J**	**1.75**	**0.237 J**	<20 T8	**18,100**	**2,250**	**3,890,000**	**262,000**	**794**	**13.2**	<500
AMW-15-VD	09/05/2024	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	**4.74**	<1.00	<20 T8	**906**	**40.4**	**75,400**	**49,900**	**114 J6**	**0.745**	<100
AMW-7R	09/05/2024	<1.00	<1.00	<1.00	<3.00	<1.00	**0.348 J**	<1.00	<1.00	<1.00	<1.00	**51 B T8**	**2,570**	**1,700**	**114,000**	**659,000**	**198**	**0.0709**	<100
MW-18R	09/05/2024	**37.8**	**2.21**	**0.573 J**	**4.25**	**37.2**	**2.75**	**0.144 J**	<1.00	<1.00	<1.00	**42.1 B T8**	**4,340**	**70.0**	**621,000**	**288,000**	**1,030**	<0.100	<100
MW-23-D1R	09/05/2024	<1.00	<1.00	<1.00	<3.00	**54.6**	**0.209 J**	**0.245 J**	<1.00	<1.00	<1.00	**34.8 B T8**	**504**	**484**	**1,150,000**	**510,000**	**2,300**	<0.050	**84.8 J**
MW-24-D1R	09/05/2024	**9.45 [10.2]**	<5.00 [<5.00]	**7.39 [7.55]**	**6.97 J [8.00 J]**	**160 [164]**	**0.754 J [0.827 J]**	<5.00 [<5.00]	**7.79 [8.13]**	<5.00 [<5.00]	**2.41 J** [<5.00]	**44 B T8 [81.1 B T8]**	**283 [964]**	**21.9 [43.1]**	**1,320,000 [1,470,000]**	**481,000 [605,000]**	**2,510 [2,670]**	**0.162 [0.872]**	<500 [<100]
MW-24-D2	09/05/2024	<1.00	<1.00	<1.00	<3.00	**38.4**	<1.00	**0.160 J**	**0.196 J**	<1.00	<1.00	**78.9 B T8**	**1,920**	**63.4**	**2,120,000**	**775,000**	**3,630**	**0.387**	<500
MW-24-VDR	09/05/2024	<1.00	<1.00	<1.00	<3.00	**1.10**	<1.00	<1.00	<1.00	<1.00	<1.00	**135 T8**	**34,700**	**453**	**7,870,000**	**530,000**	**1,540**	**12.4**	<100
MW-26-D1	09/04/2024	**19.1**	**0.544 J**	**9.40**	**14.6**	**72.9**	**1.57**	<1.00	<1.00	<1.00	<1.00 J4	**102 T8**	**382**	**37.3**	**1,370,000**	**656,000**	**2,050**	<0.050	<100
MW-27-D1R	09/05/2024	**3.23**	<1.00	**0.204 J**	**0.335 J**	**17.0**	<1.00	**0.641 J**	**1.96**	<1.00	**18.5 C5 J4**	**111 T8**	**172**	**43.3**	**2,170,000**	**799,000**	**3,510**	**0.0362 J**	<100
MW-27-D2	09/05/2024	<1.00	<1.00	<1.00	<3.00	**0.463 J**	<1.00	<1.00	<1.00	<1.00	**0.265 J**	**136 T8**	**9,060**	**1,420**	**4,030,000**	**325,000**	**7,860**	**6.49**	<100
MW-28-D1	09/04/2024	**5.74**	<1.00	**1.25**	<3.00	**14.8**	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**93.5 T8**	**309**	**61.5**	**1,440,000**	**567,000**	**2,330**	**0.151**	<100
MW-28-D2R	09/04/2024	<1.00	<1.00	<1.00	<3.00	**0.385 J**	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**65.1 B T8**	**223**	**242**	**1,820,000**	**313,000**	**3,220**	<0.050	<100
MW-29-D1	09/04/2024	<1.00	<1.00	<1.00	<3.00	**1.26**	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**41 T8**	**25,500**	**236**	**375,000**	**191,000**	**650**	**23.6**	<200

Notes:
ID = Identification
NYS = New York State
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
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.
J = Analyte was detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
J4 =The associated batch QC was outside the established quality control range for accuracy.
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
NA = not analyzed

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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
	02/05/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.300 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.485 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.484 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-14-D2	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/11/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	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 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-14-VD	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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	<1.00	**0.458 J**
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-D1	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10/26/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/26/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/5/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<5.0	<5.0	<5.0	<5.0	<5.0	**1.5 J**	<5.0	<50	<5.0	<5.0	<5.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0*	**0.89 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.75 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.87 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0 *	<1.0 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	8/19/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00 J4	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.325 J	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-15-D1 (cont.)	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
	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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/26/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	**0.175 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.154 J**	<1.00	<5.00	<1.00	<1.00	<1.00
AMW-15-D2	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/4/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-D3	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/13/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.187 J**	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-15-D3 (cont.)	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
	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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.115 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-15-VD	6/23/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/11/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	**0.144 J**
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	**0.101 J**
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
AMW-3	1/13/2016	<5.0	<5.0	<5.0	**4.8 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
AMW-7R	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/11/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	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
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
ASB-2	6/6/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
ASB-3	6/8/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
ASB-4	6/7/2016	**4.2 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-23-D1R	10/26/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/26/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/12/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/12/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-23-D1R (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-23-D2R	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/12/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-24-D1R	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.56 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.74 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/12/2018	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
	10/16/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	**0.72 J [0.69 J]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
	12/5/2019	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	**0.36 J [0.71 J]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
	2/11/2020	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 * [<1.0]	<1.0 * [<1.0]	<1.0 [<1.0]	**0.46 J [0.59 J**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-24-D1R (cont.)	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]
	2/6/2024	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.196 J** [<1.00]	<1.00 C3 [<1.00 C3]	5.00 C3 [<5.00 C	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
	6/25/2024	<1.00 [<1.00]	<1.00 [<1.00]	00 C3 J4 [<1.00 C3	<1.00 [<1.00]	<1.00 [<1.00]	**0.316 J [0.285 J]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]
	9/5/2024	<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]
MW-24-D2	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/25/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/25/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/5/2017	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
	8/27/2017	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.121 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.151 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-24-VDR	7/12/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-24-VDR (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-26-D1	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/22/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/25/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/25/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/5/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	8/27/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/13/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0 *	<1.0 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.285 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.218 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.159 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.403 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.302 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	**0.115 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-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
	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.133 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/24/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.309 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-27-D2	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/18/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.28 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.29 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-27-D2 (cont.)	2/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/24/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.101 J**	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.385 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-28-D1	6/24/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.76 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	7/28/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	**0.58 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.69 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.67 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.4 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	**0.52 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.209 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.172 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.741 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	**0.163 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	**0.213 J**	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00 C3 J4	<1.00	<1.00	**0.252 J**	<1.00	<5.00	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.601 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-28-D2R	6/24/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.48 J**	<1.0	<1.0	<1.0	<1.0	**0.21 J**
	7/28/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	**0.67 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	0.74 J	<1.0	**0.79 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	**0.74 J**	<1.0	<1.0	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	**0.155 J**	<1.00	<5.00	<1.00	**0.205 J**	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.186 J**	<1.00	<5.00	<1.00	**0.251 J**	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	**0.342 J**	<1.00	<5.00	<1.00	**0.109 J**	<1.00
	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-28-D2R (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<1.00	<1.00	<1.00	<1.00	**0.537 J**	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-29-D1	1/14/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	8/27/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/12/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/13/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/18/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<1.0	<1.0 *	<1.0 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	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
	2/6/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
MW-29-D2	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**7.3**	<1.0	<1.0	<1.0	<1.0	<1.0
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**4.8**	<1.0	<1.0	<1.0	<1.0	<1.0
MW-29-VD	1/14/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	6/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-30-D1	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	<1.0	<1.0
	6/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0
MW-30-D2	1/14/2016	<5.0	<5.0	<5.0	<5.0	<5.0	**3.2 J**	<5.0	<5.0	<5.0	<5.0	<5.0
	1/14/2016	<2.0	<2.0	<2.0	<2.0	<2.0	**2.9**	<2.0	<2.0	<2.0	<2.0	<2.0
	6/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.87 J**	<1.0	<1.0	<1.0	<1.0	<1.0
MW-30-VD	1/14/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	6/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-31-D1R	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-31-D2R	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	**0.94 J**	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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
	02/05/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**4.04**	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**7.23**	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**8.49**	<1.00	<1.00	<5.00 C3
AMW-14-D2	6/23/2016	<1.0	<1.0	<1.0	<10	<5.0	**3.2 J**	**3.3 J**	<1.0	**0.99 J**	**4.6**	<1.0
	7/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**3.1 J**	**0.88 J**	<1.0	**1.3**	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**9.6 J**	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	10/11/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	7/12/2018	<2.0	<2.0	<2.0	<20	<10	<10	<20	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	<1.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<10.0	<10.0	<10.0	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	8/19/2020	<10.0	<10.0 J4	<10.0 J4	<100	<100	<100	<500	<10.0	<10.0	<10.0	<50.0
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.249 BJ**	<1.00	<1.00	<5.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	5
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**0.154 J**	<1.00	<1.00	<5.00 C3
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.134 J**	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
AMW-15-D1	6/23/2016	<1.0	<1.0	<1.0	<10	<5.0	**2.1 J**	**4.2 J**	**0.48 J**	<1.0	**2.2**	<1.0
	7/27/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	**3.9 J**	<5.0	<5.0	<5.0
	10/26/2016	<10	<10	<10	<100	<50	<50	<100	**11**	<10	<10	<10
	10/26/2016	<4.0	<4.0	<4.0	<40	<20	<20	<40	**5.1**	<4.0	<4.0	<4.0
	7/5/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**12**	<4.0	<4.0	<4.0
	10/11/2017	<2.0	<2.0	<2.0	<20	<10	<10	<20	**11**	<2.0	<2.0	<2.0
	10/17/2018	<5.0	<5.0	<5.0	<250	<50	<50	<130	**12**	<5.0	<5.0	<5.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**6.3**	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**6.2**	<1.0	<1.0 *	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**6.6**	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**1.8**	<1.0	<1.0	<1.0
	6/10/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**6.35**	<5.00	<5.00	<25.0
	8/19/2020	<5.00	<5.00	<5.00	<50.0	<50.0	<50.0	<250	**4.70 J**	<5.00	<5.00	<25.0
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.55**	<1.00	<1.00	<5.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1 (cont.)	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
	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**6.26**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.06**	<1.00	<1.00	<5.00
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**4.13**	<1.00	<1.00	<5.00 C3
	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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/26/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**1.73**	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**1.64**	<1.00	<1.00	<5.00
AMW-15-D2	6/23/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**9.3 J**	<1.0	<1.0	<1.0	<1.0
	6/23/2016	<1.0	<1.0	<1.0	**1.3 J**	<5.0	<5.0	**11**	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**3.8 J**	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**13**	<1.0	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**5.1 J**	**0.47 J**	<1.0	<1.0	<1.0
	7/5/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**9.8**	<4.0	<4.0	<4.0
	10/11/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**2.7 J**	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	<1.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0 *	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0 *	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.25 J**	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.123 J**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.102 J**	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.529 J**	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**0.824 BJ**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**0.538 J**	<1.00	<1.00	<5.00
	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.261 J**	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.427 J**	<1.00	<1.00	<5.00
	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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3 J3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
AMW-15-D3	6/23/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**6.9 J**	<1.0	<1.0	<1.0	<1.0
	6/23/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**7.3 J**	<1.0	<1.0	<1.0	<1.0
	7/27/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**3.6 J**	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	**36 J**	**3.7 J**	<4.0	<4.0	<4.0
	10/11/2017	<2.0	<2.0	<2.0	<20	<10	<10	<20	<2.0	<2.0	<2.0	<2.0
	7/13/2018	<2.0	<2.0	<2.0	<20	<10	<10	**16 J**	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	<1.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0 *	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.29 J**	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3 (cont.)	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
	2/1/2022	<1.00	<1.00	<1.00	**18.6 C5**	<10.0	**0.808 J**	**89.0**	**7.72**	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	**11.3**	<10.0	**1.08 J**	**64.7**	**7.96**	<1.00	<1.00	<5.00
	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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	**4.79 J**	<10.0	<10.0	**58.0 C5**	**4.75**	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.662 J**	<1.00	<1.00 C3	<5.00 C3
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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**2.53**	<1.00	<1.00	<5.00
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
AMW-3	1/13/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	**280**	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	**3.4 J**	<5.0	<5.0	**21**	<1.0	<1.0	<1.0	<1.0
AMW-7R	1/12/2016	<5.0	<5.0	<5.0	<50	<25	<25	**30 J**	**5.7**	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**6.2 J**	**1.1**	<1.0	<1.0	<1.0
	7/11/2018	<2.0	<2.0	<2.0	<20	<10	<10	<20	**0.82 J**	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	**8.1 J**	**0.78 J**	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.69 J**	<1.0	<1.0	<1.0

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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 (cont.)	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
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**0.333 J**	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.181 J**	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
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
	2/6/2024	<1.00	<1.00	<1.00	**3.65 J**	<10.0 C3	**1.23 J**	**17.8 J**	**23.7**	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	**5.83 J**	<10.0	**0.906 J**	**27.9 J**	**13.8**	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	**0.791 J**	**13.8 J**	**37.8**	<1.00	<1.00	<5.00
MW-23-D1R	10/26/2016	<2.0	<2.0	<2.0	<20	<10	<10	<20	<2.0	<2.0	<2.0	<2.0
	10/26/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	<5.0	<5.0	<5.0	<5.0
	1/12/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	<5.0	<5.0	<5.0	<5.0
	6/20/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**6.4 J**	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	10/12/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	7/12/2018	<4.0	<4.0	<4.0	<40	<20	<20	<40	**2.7 J**	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	**3.8**	<1.0	<1.0	<1.0

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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-D1R (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	**3.30 J**	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
MW-23-D2R	1/12/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	<5.0	<5.0	<5.0	<5.0
	6/20/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**23**	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**4.0 J**	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	10/12/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	7/12/2018	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**2.3**	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**2.3**	<1.0	<1.0	<1.0
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	**0.181 J**	<5.00 C3
MW-24-D1R	1/13/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<4.0	<4.0	<4.0	<40	<20	<20	<40	**5.4**	<4.0	<4.0	<4.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**4.1**	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**4.9**	<1.0	<1.0	<1.0
	10/26/2016	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	7/12/2018	<8.0	<8.0	<8.0	<80	<40	<40	<80	**11**	<8.0	<8.0	<8.0
	10/16/2018	<5.0	<5.0	<5.0	<250	<50	<50	<130	**8.3**	<5.0	<5.0	<5.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**1.5**	<1.0	<1.0	<1.0
	9/13/2019	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<5.0 [<5.0]	<5.0 [<5.0]	**13 [13]**	<1.0 [<1.0]	<1.0* [<1.0*]	<1.0 [<1.0]
	12/5/2019	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<5.0 [<5.0]	**[<5.0]**	**5.7 [11]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
	2/11/2020	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	**6[<5.0]**	**8.9 [13]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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-D1R (cont.)	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]
	2/6/2024	<1.00 [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<10.0 [<10.0]	10.0 C3 [<10.0 C3	<10.0 [<10.0]	<50.0 [<50.0]	**7.22** [<1.00]	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 C3 [<5.00 C3]
	6/25/2024	<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]	**12.0 [11.7]**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 J4 [<5.00 J4]
	9/5/2024	<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]	**9.45 [10.2]**	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
MW-24-D2	1/13/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	**3.3 J**	<5.0	<5.0	<5.0
	1/13/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	**3.1 J**	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**0.97 J**	<1.0	<1.0	<1.0
	10/25/2016	<4.0	<4.0	<4.0	<40	<20	<20	**62**	<4.0	<4.0	<4.0	<4.0
	10/25/2016	<5.0	<5.0	<5.0	<50	<25	<25	**56**	**3.0 J**	<5.0	<5.0	<5.0
	7/5/2017	<8.0	<8.0	<8.0	<80	<40	<40	<80	<8.0	<8.0	<8.0	<8.0
	8/27/2017	<8.0	<8.0	<8.0	<80	<40	<40	<80	<8.0	<8.0	<8.0	<8.0
	10/11/2017	<2.0	<2.0	<2.0	<20	<10	<10	<20	<2.0	<2.0	<2.0	<2.0
	7/12/2018	<2.0	<2.0	<2.0	<20	<10	<10	<20	<2.0	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	**2.8 J**	<1.0	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0 *	<1.0
	12/5/2019	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**5.2**	**1.4**	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.4 J**	<1.0	<1.0	<1.0
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**0.0986 J**	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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-VDR (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 J4
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
MW-26-D1	1/12/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	**9.1**	<5.0	<5.0	<5.0
	6/22/2016	<4.0	<4.0	<4.0	<40	<20	<20	<40	**9.3**	<4.0	<4.0	<4.0
	10/25/2016	<10	<10	<10	<100	<50	<50	<100	**8.6 J**	<10	<10	<10
	10/25/2016	<4.0	<4.0	<4.0	<40	<20	<20	<40	**12**	<4.0	<4.0	<4.0
	7/5/2017	<10	<10	<10	<100	<50	<50	<100	**8.7 J**	<10	<10	<10
	8/27/2017	<10	<10	<10	<100	<50	<50	<100	**9.5 J**	<10	<10	<10
	10/11/2017	<2.0	<2.0	<2.0	<20	<10	<10	**6.5 J**	<2.0	<2.0	<2.0	<2.0
	7/13/2018	<2.0	<2.0	<2.0	<20	<10	<10	<20	**17**	<2.0	<2.0	<2.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	**4.9**	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**9.3**	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**6.2**	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**7.5**	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**8.93**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**6.46**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.88**	<1.00	<1.00 C3	<5.00 C3
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**8.13**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.78**	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.60**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	**4.30**	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**8.67**	<1.00	<1.00	<5.00
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	**8.97**	<1.00	<1.00	<5.00 C3
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**3.05**	<1.00	<1.00	<5.00 C3
	9/4/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**19.1**	<1.00	<1.00	<5.00 C3
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	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-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
	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**0.702 J**	<1.00	<1.00	<5.00
	6/24/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.28**	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**3.23**	<1.00	<1.00	<5.00 C3
MW-27-D2	1/13/2016	<5.0	<5.0	<5.0	<50	<25	<25	<50	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<4.0	<4.0	<4.0	**8.2 J**	<20	<20	**38 J**	**160**	<4.0	<4.0	<4.0
	7/5/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	10/12/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	10/18/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	<1.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	9/14/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	2/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/24/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	9/5/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
MW-28-D1	6/24/2016	<1.0	<1.0	<1.0	**2.3 J**	<5.0	<5.0	**45**	**2.1**	<1.0	<1.0	<1.0
	7/28/2016	<10	<10	<10	<100	<50	<50	**280**	<10	<10	<10	<10
	7/5/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**8.9**	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**2.7 J**	<4.0	<4.0	<4.0
	10/11/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**3.7 J**	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	**9.3 J**	**5.6**	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**2.4**	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**9.0**	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**11.0**	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**17.0**	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**9.35**	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	**5.03**	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**24.3**	<1.00	<1.00 C3	<5.00 C3
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	**4.45**	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**5.94**	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	**6.10**	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**2.96**	<1.00	<1.00	<5.00
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	**2.49**	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**10.6**	<1.00	<1.00	<5.00 J4
	9/4/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**5.74**	<1.00	<1.00	<5.00 C3
MW-28-D2R	6/24/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**3.3 J**	<1.0	<1.0	<1.0	<1.0
	7/28/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**4.4 J**	<1.0	**1.2**	**5.6**	<1.0
	7/5/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	10/11/2017	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<4.0	<4.0	<4.0	<40	<20	<20	<40	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	<1.0	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.50 J**	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.24 J**	<1.0	<1.0	<1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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*	*	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	9/4/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
MW-29-D1	1/14/2016	<5.0	<5.0	<5.0	<50	<25	<25	**25 J**	**81**	<5.0	<5.0	<5.0
	6/21/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	**9.5 J**	**6.3**	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**32**	<1.0	<1.0	<1.0
	10/26/2016	<1.0	<1.0	<1.0	<10	<5.0	<5.0	<10	**5.5**	<1.0	<1.0	<1.0
	7/5/2017	<2.0	<2.0	<2.0	<20	<10	<10	<20	**9.7**	<2.0	<2.0	<2.0
	8/27/2017	<2.0	<2.0	<2.0	<20	<10	<10	<20	**19**	<2.0	<2.0	<2.0
	10/12/2017	<4.0	<4.0	<4.0	<40	<20	<20	<40	**4.3**	<4.0	<4.0	<4.0
	7/13/2018	<4.0	<4.0	<4.0	<40	**9.1 J**	<20	<40	**5.2**	<4.0	<4.0	<4.0
	10/18/2018	<1.0	<1.0	<1.0	<50	<10	<10	<25	**3.7**	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**9.8**	<1.0	<1.0	<1.0
	9/14/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.67 J**	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	2/12/2020	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	**0.110 J**	<1.00	<1.00 C3	<5.00 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	**0.488 J**	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	**0.628 J**	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	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
	2/6/2024	<1.00	<1.00	<1.00	<10.0	<10.0 C3	**1.95 J**	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	6/25/2024	<1.00	<1.00	<1.00	<10.0	<10.0	**1.96 J**	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	9/4/2024	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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**
	02/05/2024	**0.626 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	**0.699 J**	<1.00	<5.00	**3.50**
	6/25/2024	**0.883 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.223 J**	<1.00	**1.62**	<1.00	<5.00	**6.39**
	9/5/2024	**1.05**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**1.09**	<1.00	<5.00	**5.75**
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**

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	8/12/2021	**1.10 B**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.585 J**	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	**0.158 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/24/2022	**0.861 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.396 J**	<1.00	<5.00	<1.00
	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
	2/6/2024	**0.138 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/25/2024	**0.393 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	<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-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
	2/5/2024	**0.171 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/25/2024	**0.107 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-15-D1	6/23/2016	**0.46 J**	<1.0	<1.0	<1.0	**0.51 J**	<1.0	**20**	<1.0	<1.0	**1.1**	<1.0	<1.0
	7/27/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**220**	<5.0	<5.0	<5.0	<5.0	<5.0
	10/26/2016	<10	<10	<10	<10	<10	<10	**81**	<10	<10	<10	<10	<10
	10/26/2016	**1.7 J**	<4.0	<4.0	<4.0	<4.0	<4.0	**38**	<4.0	**2.0 J**	<4.0	<4.0	<4.0
	7/5/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	8/27/2017	**2.7 J**	<4.0	<4.0	<4.0	<4.0	<4.0	**5.1**	<4.0	<4.0	<4.0	<4.0	**4.1**
	10/11/2017	**2**	<2.0	<2.0	<2.0	<2.0	<2.0	**1.6 J**	<2.0	<2.0	<2.0	<2.0	**4.3**
	10/17/2018	**1.7 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**2.8 J**	<5.0	<5.0	**5**
	5/9/2019	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.79 J**	<1.0	<1.0	**2.6**
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.36 J**	<1.0	**0.66 J**	<1.0	<1.0	**2.3**
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.63 J**	<1.0	**0.77 J**	<1.0	<1.0	**2.8**
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 *	**0.33 J**	<1.0 *	<1.0	**0.99 J**
	6/10/2020	<5.00	<5.00	<5.00	<25.0	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**4.05 J**
	8/19/2020	6.45	<5.00	<5.00	<25.0	<25.0	<12.5	<5.00	<5.00	**<5.00**	<5.00	<25.0	**2.57 J**
	11/4/2020	**0.777 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.362 J**	<1.00	<1.00	<1.00	<5.00	**1.80**

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	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**
	2/1/2022	**0.394 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.168 J**	<1.00	**1.10**	<1.00	<5.00	**5.05**
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	**1.61**
	8/24/2022	**1.30**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.542 J**	<1.00	**0.665 J**	<1.00	<5.00	**2.63**
	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
	2/5/2024	**0.106 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/26/2024	**0.200 J**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	<1.00	<1.00	**0.338 J**	<1.00	<5.00	**0.273 J**
	9/5/2024	**0.252 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.168 J**	<1.00	**0.209 J**	<1.00	<5.00 C3	**0.146 J**
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
	2/5/2024	**0.119 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/25/2024	**0.197 B J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	**2.04 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.222 J**	<1.00	<1.00	<1.00	<5.00	<1.00
AMW-15-D3	6/23/2016	**4.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/23/2016	**4.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/27/2016	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	**1.8 J**	<4.0	<4.0	<4.0	<4.0	<4.0	**19**	<4.0	<4.0	<4.0	<4.0	**3.4 J**
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/13/2018	**0.70 J**	<2.0	<2.0	<2.0	<2.0	<2.0	**3.1**	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	**0.42 J**	<1.0	<1.0	<1.0	<1.0	<1.0	**0.44 J**	<1.0	<5.0	<1.0	<1.0	<1.0
	5/10/2019	**0.29 J**	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.99 J**	<1.0 *	<1.0	<1.0	<1.0	<1.0
	6/9/2020	**0.318 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	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**
	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**
	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**
	2/5/2024	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/25/2024	**1.61**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	**5.64**	<1.00	**0.261 J**	<1.00	<5.00	**0.518 J**
	9/5/2024	**3.79 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.792 J**	<1.00	<1.00	<1.00	<5.00	<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	<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
	2/5/2024	**3.42**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	**3.11**	<1.00	<1.00	<1.00	<5.00	**0.374 J**
	6/25/2024	<1.00	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	**1.82 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<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**

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	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
	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**
	2/6/2024	**0.198 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**7.36**	<1.00	<5.00 C3	**0.218 J**
	6/25/2024	<1.00	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	<1.00	<1.00	**0.989 J**	<1.00	<5.00	<1.00
	9/5/2024	**1.55 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	**0.897 J**	<1.00	<5.00	<1.00
ASB-2	6/6/2016	**1.1**	<1.0	<1.0	<1.0	**14**	<1.0	**5.6**	<1.0	<1.0	**0.35 J**	<1.0	<1.0
ASB-3	6/8/2016	**0.27 J**	<1.0	<1.0	<1.0	**0.92 J**	<1.0	**2.8**	<1.0	<1.0	**1.5**	<1.0	<1.0
ASB-4	6/7/2016	**0.95 J**	<5.0	<5.0	<5.0	<5.0	<5.0	**1600 E**	<5.0	**5**	<5.0	<5.0	**6.7**
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**
	2/6/2024	**3.72 C3**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**3.20**	<1.00	<5.00 C3	**0.641 J**
	6/25/2024	**0.483 J**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	**0.196 J**	<1.00	**3.09**	<1.00	<5.00	**0.432 J**
	9/5/2024	**0.615 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.144 J**	<1.00	**1.84**	<1.00	<5.00 C3	**0.573 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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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-D1R (cont.)	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
	2/6/2024	**0.285 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00
	9/5/2024	**2.93 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.245 J**	<1.00	<1.00	<1.00	<5.00	<1.00
MW-23-D2R	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/12/2017	**0.44 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/12/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	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
	2/6/2024	**0.206 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00
MW-24-D1R	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**10**	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	**1.6 J**	<4.0	<4.0	<4.0	<4.0	<4.0	**4.9**	<4.0	**1.9 J**	<4.0	<4.0	**3.1 J**
	10/26/2016	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	**4**	<1.0	**1.6**	<1.0	<1.0	**2.3**
	10/26/2016	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	**6.1**	<1.0	**1.4**	<1.0	<1.0	**2.2**
	10/26/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/12/2018	**2.1 J**	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	**7.1 J**
	10/16/2018	**1.4 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	**6.1**
	5/9/2019	**0.62 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**
	9/13/2019	**3.2 [1.8]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	**[0.94 J]**	<1.0 [<1.0]	<1.0 [<1.0]	**7.9 [7.2]**
	12/5/2019	1.0 [1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [0.99 J]	<1.0 [<1.0]	<1.0 [<1.0]	**2.4 [7.2]**
	2/11/2020	**1.5 [1.4]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 * [<1.0]	**0.65 J [1.]**	<1.0 * [<1.0]	<1.0 [<1.0]	**5.7 [8.9]**

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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-D1R (cont.)	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]**
	2/6/2024	**30 C3 J [0.305 C**	<1.00 [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<5.00 **[0.351 J]**	<2.50 [<2.50]	**0.251 J** [<1.00]	<1.00 [<1.00]	**0.415 J** [<1.00]	<1.00 [<1.00]	<5.00 C3 [<5.00 C3	**5.47** [<1.00]
	6/25/2024	**0.639 J [0.702 J]**	<1.00 [<1.00]	<1.00 [<1.00]	0 J3 J4 [<5.00 J	<5.00 [<5.00]	<2.50 [<2.50]	**0.357 J [0.463 J]**	<1.00 [<1.00]	**0.567 J [0.628 J]**	<1.00 [<1.00]	<5.00 [<5.00]	**9.62 [9.47]**
	9/5/2024	**1.24 J [1.94 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]	**2.45 J [2.42 J]**	<5.00 [<5.00]	<25.0 [<25.0]	**7.39 [7.55]**
MW-24-D2	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	**0.31 J**	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0	**0.84 J**
	10/25/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/25/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/5/2017	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
	8/27/2017	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/12/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/17/2018	**0.24 J**	<1.0	<1.0	<1.0	<1.0	<1.0	**0.52 J**	<1.0	<5.0	<1.0	<1.0	<1.0
	5/9/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 *	<1.0	<1.0	<1.0	<1.0
	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
	2/6/2024	**0.490 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.152 J**	<1.00	<1.00	<1.00	<5.00 C3	<1.00
	6/25/2024	**0.213 J**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	**0.141 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	**1.42 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.160 J**	<1.00	<1.00	<1.00	<5.00	<1.00
MW-24-VDR	7/12/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	**0.64 J**	<1.0	<1.0	<1.0	<1.0	<1.0	**0.28 J**	<1.0	<5.0	<1.0	<1.0	<1.0
	5/9/2019	**0.30 J**	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 *	<1.0	<1.0	<1.0	<1.0
	6/9/2020	**0.347 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	**0.206 J**	<1.00	<1.00	<1.00	<5.00	<1.00 J4

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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-VDR (cont.)	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
	2/6/2024	**0.230 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00
	6/25/2024	**0.103 J**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	**3.84 C3 J3 J4**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-26-D1	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/22/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/25/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/25/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**3.0 J**
	7/5/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	8/27/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/11/2017	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/13/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.5**
	10/17/2018	**0.45 J**	<1.0	<1.0	<1.0	<1.0	<1.0	**0.42 J**	<1.0	<5.0	<1.0	<1.0	**0.95 J**
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	**1.8**
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.75 J**	<1.0	<1.0	<1.0	<1.0	**1.2**
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0 *	<1.0	<1.0 *	<1.0	**1.3**
	6/10/2020	**0.773 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**3.28**	<1.00	<1.00	<1.00	<5.00	**2.47**
	8/19/2020	**0.360 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**1.45**	<1.00	<1.00	<1.00	<5.00	**1.38**
	11/6/2020	**0.582 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.903 J**	<1.00	**0.189 J**	<1.00	<5.00	**1.05**
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	**0.486 J**	<1.00	**0.191 J J4**	<1.00	<5.00	**1.99**
	8/12/2021	**0.556 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J4	**0.236 J**	<1.00	**0.276 J**	<1.00	<5.00	**0.973 J**
	11/16/2021	**1.38**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**0.947 J**
	2/2/2022	**0.625 J**	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	**0.657 J**
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	**0.211 J**	<1.00	<5.00	**2.39**
	8/25/2022	**1.09**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.506 J**	<1.00	<5.00	**2.74**
	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**
	2/6/2024	**0.447 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	**1.16**
	9/4/2024	**1.27**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.241 J**	<1.00	<5.00	**9.40**
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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-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
	2/5/2024	**0.241 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	**0.224 J**	<1.00	<1.00	<1.00	<5.00	<1.00
	6/24/2024	**0.449 J**	<1.00	<1.00	<5.00	<5.00	<2.50	**0.581 J**	<1.00	<1.00	<1.00	<5.00	**0.340 J**
	9/5/2024	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	**0.641 J**	<1.00	<1.00	<1.00	<5.00	**0.204 J**
MW-27-D2	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2016	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**22 J**	<4.0	<4.0	**92**
	7/5/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/13/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/18/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/14/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	2/5/2024	**0.113 J**	<1.00	<1.00	<5.00 C3	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/24/2024	**0.134 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	9/5/2024	<1.00 C3 J3 J4	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<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
	2/6/2024	**0.202 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	**0.751 J**
	6/25/2024	**0.174 J**	<1.00	<1.00	<5.00 J3 J4	<5.00	<2.50	**0.240 J**	<1.00	<1.00	<1.00	<5.00	**2.08**
	9/4/2024	**0.718 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	**1.25**
MW-28-D2R	6/24/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/28/2016	**0.52 J**	<1.0	<1.0	<1.0	**0.51 J**	<1.0	<1.0	<1.0	<1.0	**3.2**	<1.0	<1.0
	7/5/2017	**0.38 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/27/2017	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/11/2017	**0.95 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/13/2018	**1.0 J**	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0
	5/9/2019	**0.27 J**	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0
	9/13/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 *	<1.0	<1.0	<1.0	<1.0
	6/9/2020	**0.781 J**	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	**0.404 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	**0.424 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
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 (cont.)	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
	2/6/2024	**0.200 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00
	9/4/2024	<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
	2/6/2024	**0.252 C3 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00
	6/25/2024	**0.291 J**	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	**0.191 J**	<1.00	<5.00	<1.00
	9/4/2024	<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-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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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
	02/05/2024	**0.570 J**	<20.0	**119**	**0.903 J**	<5.00	<1.00 C3	<1.00	<1.00	**4.00**	<1.00	<1.00
	6/25/2024	**1.26**	<20.0	**185**	**2.45**	<5.00	<1.00	<1.00	**0.372 J**	**7.15**	<1.00	**0.319 J**
	9/5/2024	**0.986 J**	<20.0	**182**	**1.34**	<5.00	<1.00	<1.00	**0.303 J**	**6.97**	<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 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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 (cont.)	8/12/2021	<1.00	<20.0	**26.3**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.198 J**	<1.00	<1.00
	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
	2/6/2024	<1.00	<20.0	**0.782 J**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<20.0	**10.7**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.738 J**	<1.00	<1.00
	9/5/2024	<1.00	<20.0	**11.5**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.934 J**	<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
	2/5/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<20.0	**0.123 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	<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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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 (cont.)	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**
	2/1/2022	**0.614 J**	<20.0	**116**	**1.02**	<5.00	<1.00	<1.00	**0.305 J**	**3.11**	<1.00	<1.00
	5/5/2022	**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
	2/5/2024	<1.00	<20.0	**0.915 J**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	6/26/2024	**0.226 J**	<20.0	**26.5**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.566 J**	<1.00	**0.261 J**
	9/5/2024	**0.198 J**	<20.0	**28.1**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.556 J**	<1.00	**0.214 J**
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
	2/5/2024	<1.00	<20.0	**0.361 J**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<20.0	**26.6**	<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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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 (cont.)	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
	2/1/2022	0.332 J	<20.0	68.8	0.905 J	<5.00	<1.00	<1.00	1.38	0.366 J	<1.00	29.9
	5/5/2022	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
	2/5/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	3.65
	6/25/2024	0.213 J	<20.0	29.5	<1.00	<5.00	<1.00	<1.00	0.667 J	1.01	<1.00	13.7
	9/5/2024	<1.00	<20.0	3.41	<1.00	<5.00	<1.00	<1.00	<1.00	0.159 J	<1.00	1.75
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
	2/5/2024	0.152 J	<20.0	17.3	<1.00	<5.00	<1.00 C3	<1.00	0.455 J	0.359 J	<1.00	8.51
	6/25/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.04
	9/5/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.74
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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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 (cont.)	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
	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
	2/6/2024	**2.28**	<20.0	<1.00	**8.95**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	**0.243 J**	<20.0	<1.00	**2.03**	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	**0.348 J**	<20.0	<1.00	**1.62**	<5.00	<1.00	<1.00	<1.00	<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
	2/6/2024	**3.64**	<20.0	**16.7**	**3.26**	<5.00	<1.00	<1.00	**2.32**	<1.00	<1.00	<1.00
	6/25/2024	**2.18**	<20.0	**5.37**	**3.25**	<5.00	<1.00	<1.00	**1.95**	<1.00	<1.00	<1.00
	9/5/2024	**2.75**	<20.0	**37.2**	**1.78**	<5.00	<1.00	<1.00	**2.21**	<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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-D1R (cont.)	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
	2/6/2024	<1.00	<20.0	**0.638 J**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	**0.209 J**	<20.0	**54.6**	<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
	6/20/2016	<1.0	<2.5	**26**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2017	<1.0	<2.5	**8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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
	2/6/2024	<1.00	<20.0	**2.92**	<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 J]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	**7.2 [6.4]**	**[15]**	<1.0 [<1.0]	<1.0 [<1.0]
	12/5/2019	**[0.86 J]**	<5.0 [<5.0]	**180 [210]**	**[0.56 J]**	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	**1.4 [2.3]**	**7.0 [16]**	<1.0 [<1.0]	<1.0 [<1.0]
	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]

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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-D1R (cont.)	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 [0.0.815 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]**
	2/6/2024	**0.578 J** [<1.00]	<20.0 [<20.0]	**143** [<1.00]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	**0.695 J** [<1.00]	**7.46** [<1.00]	<1.00 [<1.00]	**0.311 J** [<1.00]
	6/25/2024	**1.07 [1.07]**	<20.0 [<20.0]	**155 [151]**	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	**1.27 [1.27]**	**10.9 [11.5]**	<1.00 [<1.00]	**0.614 J [0.574 J]**
	9/5/2024	**0.754 J [0.827 J]**	<100 [<100]	**160 [164]**	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	**7.79 [8.13]**	<5.00 [<5.00]	<5.00 [<5.00]
MW-24-D2	1/13/2016	<5.0	<13	**260**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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
	10/11/2017	<2.0	<5.0	**60**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/12/2018	<2.0	<5.0	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	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
	2/6/2024	<1.00	<20.0	**43.1**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.172 J**	<1.00	<1.00
	6/25/2024	<1.00	<20.0	**34.9**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<20.0	**38.4**	<1.00	<5.00	<1.00	<1.00	<1.00	**0.196 J**	<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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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-VDR (cont.)	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
	2/6/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<20.0	**1.10**	<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
	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
	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
	2/6/2024	**0.197 J**	<20.0	**30.6**	<1.00	<5.00	<1.00	<1.00	**1.20**	<1.00	<1.00	<1.00
	9/4/2024	**1.57**	<20.0	**72.9**	<1.00	<5.00	<1.00	<1.00	**0.544 J**	<1.00	<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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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-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
	2/5/2024	<1.00	<20.0	**8.11**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	**0.365 J**	<1.00	<1.00
	6/24/2024	<1.00	<20.0	**14.6**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.97**	<1.00	**0.195 J**
	9/5/2024	<1.00	<20.0	**17.0**	<1.00	<5.00	<1.00	<1.00	<1.00	**1.96**	<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
	10/18/2018	<1.0	<10	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/10/2019	<1.0	<5.0	**7.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	2/5/2024	<1.00	<20.0	**0.130 J**	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
	6/24/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/5/2024	<1.00	<20.0	**0.463 J**	<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
	2/6/2024	**0.162 J**	<20.0	**3.99**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	**0.305 J**	<20.0	**17.4**	<1.00	<5.00	<1.00	<1.00	**0.287 J**	**0.227 J**	<1.00	<1.00
	9/4/2024	<1.00	<20.0	**14.8**	<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
	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	<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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		Isopropyl-benzene	Methyl acetate	Methyl-t-butyl ether	Methyl-cyclohexane	Methylene chloride (Dichloro-methane)	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene (Trichloro-ethylene)
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 (cont.)	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
	2/6/2024	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<20.0	**0.385 J**	<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
	2/6/2024	<1.00	<20.0	**1.47**	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/25/2024	<1.00	<20.0	**3.82**	<1.00	<5.00	<1.00	<1.00	**0.473 J**	<1.00	<1.00	<1.00
	9/4/2024	<1.00	<20.0	**1.26**	<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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-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	4,350.0	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	1010.00	16.6	956000	NA
	11/30/2023	<5.00	<1.00	<3.00	70 B T8	144	<13.0	2,410	3040.00	21.8	988000	NA
	02/05/2024	<5.00	0.253 J	0.201 J	22.2 B T8	269	<13.0	4,260	1,030	19.7	942,000	NA
	6/25/2024	<5.00	<1.00	0.350 J	31.4 B T8	449	<13.0	8,850	1,730	24.1	1,010,000	NA
	9/5/2024	<5.00	<1.00 J4	0.302 J	20.4 T8	166	<13.0	3,570	1,440	24.3	971,000	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	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
	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**	**2130000**	NA
	11/30/2023	<5.00	<1.00	<3.00	**103 B T8**	<13.0	<13.0	<10.0	**1260**	**76.8**	**2130000**	NA
	2/6/2024	<5.00	<1.00	<3.00	**71.7 B T8**	<13.0	<13.0	<10.0	**775**	**69.8**	**2,050,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	**83.7 T8**	<13.0	<13.0	**751**	**164**	**76.0**	**1,740,000**	NA
	9/5/2024	<5.00	<1.00 J4	<3.00	**98.4 T8**	**4.23 J**	<13.0	**946**	**401**	**72.7**	**2,060,000**	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 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
	2/5/2024	<5.00	<1.00	<3.00	**154 T8**	<13.0	<13.0	<10.0	**19,500**	**409**	**8,580,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	**200 T8**	<13.0	<13.0	**37.4**	**18,700**	**429**	**8,850,000**	NA
	9/5/2024	<5.00	<1.00 J4	<3.00	**170 T8**	**4.40 J**	<13.0	**30.4**	**18,900**	**431**	**8,220,000**	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	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
	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
	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
	2/5/2024	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**492**	**13.6**	**584,000**	NA
	6/26/2024	<5.00	<1.00	<3.00	**79.4 B T8**	**307**	<13.0	**4,560**	**973**	**23.7**	**1,330,000**	NA
	9/5/2024	<5.00	<1.00	<3.00	**35.6 B T8**	**204**	<13.0	**2,800**	**3,100**	**30.1**	**1,340,000**	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**	**985000**	NA
	11/30/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**4390.00**	**104**	**824000**	NA
	2/5/2024	<5.00	<1.00	<3.00	**51.8 B T8**	<13.0	<13.0	<10.0	**473**	**64.0**	**510,000V**	NA
	6/25/2024	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**5,490**	**85.2**	**76,600**	NA
	9/5/2024	<5.00	<1.00	<3.00	**75.3 B T8**	<13.0	<13.0	**473**	**7,640**	**96.2**	**1,440,000**	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	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
	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
	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
	2/5/2024	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**830**	**32.1**	**48,000**	NA
	6/25/2024	<5.00	**2.88**	**1.25 J**	**47.2 B T8**	**22.1**	<13.0	**2,950**	**5,480**	**1,690**	**3,900,000**	NA
	9/5/2024	<5.00	**0.237 J**	<3.00	<20 T8	<13.0	<13.0	**615**	**18,100**	**2,250**	**3,890,000**	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**	**1050**	**76.0**	**666000**	NA
	11/30/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**2850.00**	**56.5**	**26800**	NA
	2/5/2024	<5.00	**1.01**	**0.945 J**	<20 T8	**11.8 J**	<13.0	**1,120**	**1,810**	**61.3**	**532,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**2,460**	**69.9**	**64,300**	NA
	9/5/2024	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	<10.0	**906**	**40.4**	**75,400**	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-7R (cont.)	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
	11/30/2023	<5.00	<1.00	5.71	24 B T8	<13.0	<13.0	10,000	4880.00	829	87200	NA
	2/6/2024	<5.00	<1.00 C3	0.762 J	52.6 B T8	<13.0	<13.0	5,730	5,570	1,700	84,300	NA
	6/25/2024	<5.00	<1.00	0.250 J	44.8 B T8	11.6 J	<13.0	3,400	3,370	1,240	97,000	NA
	9/5/2024	<5.00	<1.00	<3.00	51 B T8	<13.0	<13.0	4,750	2,570	1,700	114,000	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	NA	<13.0	<13.0	1,630	NA	NA	NA	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
	2/6/2024	<5.00	<1.00 C3	4.65	<20 T8	10.5 J	<13.0	7,970	2,320	19.3	176,000	NA
	6/25/2024	<5.00	<1.00	3.83	NA	12.4 J	<13.0	6,670	3,690	33.8	292,000	NA
	9/5/2024	<5.00	<1.00	4.25	42.1 B T8	7.21 J	<13.0	6,150	4,340	70.0	621,000	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-23-D1R (cont.)	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
	2/6/2024	<5.00	<1.00 C3	<3.00	**46.5 B T8**	<13.0	<13.0	<10.0	**681**	**608**	**1,530,000**	NA
	9/5/2024	<5.00	<1.00	<3.00	**34.8 B T8**	**7.65 J**	<13.0	**638**	**504**	**484**	**1,150,000**	NA
MW-23-D2R	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	**40 J**	**110 B**	NA	**543**
	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
	2/6/2024	<5.00	<1.00 C3	<3.00	**41.7 B T8**	<13.0	<13.0	**48.1**	**2,790**	**299**	**702,000**	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-24-D1R (cont.)	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]
	2/6/2024	<5.00 [<5.00]	**1.25 C3** [<1.00 C3	**5.78 [<3.00]**	**51.7 BT8 [<20 T8]**	**180 [<13.0]**	**76.6 [<13.0]**	**5,320 [<10.0]**	**347 [<100]**	**17.7 [<10.0]**	**1,600,000 [<3,000]**	NA
	6/25/2024	<5.00 [<5.00]	**6.01 [6.05]**	**12.8 [12.9]**	**121 T8 [102 B T8]**	**211 [222]**	**120 [139]**	**5,960 [6,510]**	**364 [792]**	**13.7 [42.6]**	**1,470,000 [1,470,000]**	NA
	9/5/2024	<25.0 [<25.0]	**2.41 J** [<5.00]	**6.97 J [8.00 J**	**44 B T8 [81.1 B T8]**	**163 [203]**	**63.1 [83.2]**	**4,950 [6,490]**	**283 [964]**	**21.9 [43.1]**	**1,32,0000 [1,47,0000]**	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
	10/11/2017	<2.0	**18**	<4.0	**54**	<170	<150	**410**	**5,500**	**140 B**	**23,80,000 ^**	NA
	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**	NA
	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
	2/6/2024	<5.00	<1.00 C3	<3.00	**88.6 B T8**	**8.14 J**	<13.0	**1,470**	**1,810**	**77.5**	**2,080,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	**111 B T8**	**13.6**	<13.0	**1,230**	**1,290**	**62.0**	**1,860,000**	NA
	9/5/2024	<5.00	<1.00	<3.00	**78.9 B T8**	**6.38 J**	<13.0	**1,460**	**1,920**	**63.4**	**2,120,000**	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

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-24-VDR (cont.)	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	**5380**	**91.1**	**1820000**	NA
	11/29/2023	<5.00	<1.00	<3.00	**20.4 B T8**	<13.0	<13.0	<10.0	**14600.00**	**241**	**5150000**	NA
	2/6/2024	<5.00	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	<10.0	**1,080**	**10.2**	**240,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	**100 B T8**	<13.0	<13.0	<10.0	**55,900**	**621**	**8,490,000**	NA
	9/5/2024	<5.00	<1.00	<3.00	**135 T8**	<13.0	<13.0	**18.3**	**34,700**	**453**	**7,870,000**	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
	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
	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**	**152B**	**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**	**2950**	**244**	**1030000**	NA
	2/6/2024	<5.00	<1.00 C3	**2.81 J**	**39.5 B T8**	**4.58 J**	<13.0	**2,020**	**589**	**137**	**930,000**	NA
	9/4/2024	<5.00	<1.00 J4	**14.6**	**102 T8**	**18.9**	<13.0	**11,300**	**382**	**37.3**	**1,370,000**	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-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	**20**	**1,530**	**10,600**	**156**	**2,710,000**	NA
	11/6/2020	<25.0	**26.0 C5**	<15.0	**83.4 T8**	<13.0	**28**	**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**	**2120000**	NA
	11/29/2023	<5.00	<1.00	<3.00	**86.5 B T8**	<13.0	<13.0	**223**	**993**	**54.7**	**2120000**	NA
	2/5/2024	<5.00	<1.00	<3.00	**75.3 B T8**	<13.0	<13.0	**324**	**788**	**49.0**	**2,010,000**	NA
	6/24/2024	<5.00	**13.0**	**0.636 J**	**117 B T8**	**13.7**	**25.1**	**1,410**	**924**	**53.6**	**2,180,000**	NA
	9/5/2024	<5.00	**18.5 C5 J4**	**0.335 J**	**111 T8**	**8.84 J**	**22.0**	**929**	**172**	**43.3**	**2,170,000**	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
	10/18/2018	<1.0	<1.0	<3.0	**130 B**	<170	<150	**1,200**	**2,800**	**940 B**	**3,580,000**	NA
	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**	**12,700O1**	**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 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**	**3550**	**928**	**2550000**	NA
	11/29/2023	<5.00	<1.00	<3.00	**158 T8**	<13.0	<13.0	<10.0	**13800.00**	**1550**	**4220000**	NA

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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-27-D2 (cont.)	2/5/2024	<5.00	<1.00	<3.00	**116 B T8**	<13.0	<13.0	<10.0	**7,760**	**1,130**	**3,780,000**	NA
	6/24/2024	<5.00	<1.00	<3.00	**147 BT8**	<13.0	<13.0	**139**	**15,200**	**1,570**	**4,290,000**	NA
	9/5/2024	<5.00	**0.265 J**	<3.00	**136 T8**	<13.0	<13.0	**551**	**9,060**	**1,420**	**4,030,000**	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**	**2630**	**200**	**1440000**	NA
	11/29/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	**79.4**	**288**	**130**	**1510000**	NA
	2/6/2024	<5.00	<1.00 C3	**0.361 J**	**76.5 B T8**	<13.0	<13.0	**259**	**454**	**47.3**	**588,000**	NA
	6/25/2024	<5.00	<1.00	**0.351 J**	**56.3 B T8**	**12.0 J**	<13.0	**1,430**	**293**	**43.5**	**1,250,000**	NA
	9/4/2024	<5.00	<1.00 J4	<3.00	**93.5 T8**	<13.0	<13.0	**1,540**	**309**	**61.5**	**1,440,000**	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
	2/11/2020	<1.0	<1.0	<2.0	**100 B**	<4.0	<3.0	**1,000 B**	**252**	**184**	**1,620,000**	NA
	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**	**1890000**	NA

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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 (cont.)	11/29/2023	<5.00	<1.00	<3.00	**115 T8**	<13.0	<13.0	<10.0	**726**	**316**	**2390000**	NA
	2/6/2024	<5.00	<1.00 C3	<3.00	**91.5 B T8**	<13.0	<13.0	<10.0	**446**	**366**	**2,770,000**	NA
	9/4/2024	<5.00	<1.00 J4	<3.00	**65.1 B T8**	**4.88 J**	<13.0	**148**	**223**	**242**	**1,820,000**	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**	**1750**	**52.4**	**63,800**	NA
	11/30/2023	<5.00	<1.00	<3.00	**27.2 B T8**	<13.0	<13.0	**82.0**	**2960.00**	**41.7**	**57400**	NA
	2/6/2024	<5.00	<1.00 C3	<3.00	**64 B T8**	<13.0	<13.0	**333**	**5,590**	**81.8**	**142,000**	NA
	6/25/2024	<5.00	<1.00	<3.00	**57.7 B T8**	<13.0	<13.0	**2,990**	**9,520**	**160**	**284,000**	NA
	9/4/2024	<5.00	<1.00 J4	<3.00	**41 T8**	<13.0	<13.0	**220**	**25,500**	**236**	**375,000**	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**

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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**	**NA**	**NA**	<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**	**20,000B**
	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**
	02/05/2024	**280,000**	**1,250**	**0.669**	**363 T8**	NA	NA	**268 J**	**133,000 J**	**237**	**41,700**
	6/25/2024	**417,000**	**1,570**	**1.14**	**584 J5 T8**	NA	NA	<500	**39,400 J**	**20,400**	**110,000**
	9/5/2024	**346,000**	**1,670**	**0.813**	**623 T8**	NA	NA	<200	**86,200**	**1,120**	**39,000**
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**	NA	NA	<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**

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Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
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Oceanside, Township of Hempstead, New York

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 (cont.)	8/12/2021	**841,000**	**4,350**	**4.02**	**563 T8**	NA	NA	<2,000	**272,000**	**1,180**	**2,990 B**
	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**
	2/6/2024	**812,000**	**3,370**	<0.05	**904 T8**	NA	NA	<500	**102,000**	**3,860**	**16,400**
	6/25/2024	**700,000**	**3,120**	<0.05	**1,280 T8**	NA	NA	<100	**129,000**	**63,400**	**15,200**
	9/5/2024	**779,000**	**3,530**	<0.10	**5,250 T8**	NA	NA	<100	**122,000**	**1,240**	**14,700**
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**
	2/5/2024	**621,000**	**14,800**	**1.62**	**17,800 T8**	NA	NA	<100	**1,510,000**	<50.0	**8,410**
	6/25/2024	**658,000**	**16,800**	<0.100	**21,100 T8**	NA	NA	<100	**1,890,000**	<50.0 J6	**8,480**
	9/5/2024	**659,000**	**16,400**	**4.57**	**14,300 T8**	NA	NA	<100	**1,610,000**	<50.0	**11,700**
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**

See Notes on Page 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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 (cont.)	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
	2/1/2022	496,000	2,260	767	381 T8	NA	NA	<1,000	117,000	236 J4	30,300
	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
	2/5/2024	522,000	1,950	0.235	257 T8	NA	NA	230	107,000 J	917	19,100
	6/26/2024	525,000	2,440	94.4	879 T8	NA	NA	<100	87,300	214	22,000
	9/5/2024	627,000	2,490	2.64	462 T8	NA	NA	<100	97,300	126	21,200
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
	2/5/2024	421,000	1,800	<0.05	2,180 T8	NA	NA	95.0 J	95,500	<50.0	9,470
	6/25/2024	82,700	180	4.76	730 T8	NA	NA	1,180	21,800	<50.0	1,760
	9/5/2024	563,000	25,400	7.13	516 T8	NA	NA	<500	157,000	<50.0	9,590
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

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

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-D3 (cont.)	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
	2/1/2022	236,000	2,480	374	66.0 T8	NA	NA	628 J	182,000	970 J4	9,330
	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
	2/5/2024	32,500	78.3	0.83	<50.0 T8	NA	NA	102	1,840 J	<50.0	533 B J
	6/25/2024	404,000	7,600	3.80	1,680 T8	NA	NA	<100	956,000	61.0	7,780
	9/5/2024	262,000	794	13.2	4,890 T8	NA	NA	<500	104,000 J	<50.0	12,000
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
	2/5/2024	171,000	738	0.908	906 T8	NA	NA	<100	125,000 J	35.0 J	13,900
	6/25/2024	44,100	102 J6	2.01	449 T8	NA	NA	<100 J6	2,460 J	<50.0	920 J
	9/5/2024	49,900	114 J6	0.745	161 T8	NA	NA	<100	4,970 J	<50.0	855 B J
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

See Notes on Page 67

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

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 (cont.)	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**
	11/30/2023	**264,000**	**115**	<0.1	**5,310 T8**	NA	NA	**61.3 J**	**46,100**	**63.0**	**23,400**
	2/6/2024	**534,000**	**94.5**	<0.1	**6,080 T8**	NA	NA	<100	**35,700**	<50.0	**18,600**
	6/25/2024	**430,000**	**192**	<0.100	**7,270 T8**	NA	NA	<100	**65,400**	<50.0	**17,100**
	9/5/2024	**659,000**	**198**	**0.0709**	**2,500 T8**	NA	NA	<100	**69,400**	<50.0	**18,000**
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	NA	NA	NA	NA	<500	NA	NA	NA
	5/5/2022	**142,000**	**289**	NA	NA	NA	NA	<500	NA	NA	NA
	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**
	2/6/2024	**225,000**	**137**	**0.972**	**1,350 T8**	NA	NA	**69.0 J**	**63,400**	**65.0**	**30,300**
	6/25/2024	NA	NA	NA	NA	NA	NA	NA	NA	**127**	NA
	9/5/2024	**288,000**	**1,030**	<0.1	**5,980 T8**	NA	NA	<100	**44,200 J**	**71.0**	**28,200**
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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-D1R (cont.)	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
	2/6/2024	602,000	2,830	0.060	621 T8	NA	NA	266 J	99,900	46.0 J	15,200
	9/5/2024	510,000	2,300	<0.05	1,010 T8	NA	NA	84.8 J	128,000	<100	16,300
MW-23-D2R	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/20/2016	543,000	NA	NA	NA	NA	NA	NA	317,000	700	NA
	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
	2/6/2024	414,000	1,770	1.76	1,030 T8	NA	NA	97.0 J	111,000	<50.0	5,580
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 [5,88,000]	1,800 [3,000]	1.9 [3.5]	[600 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 [5,14,000]	1,900 [2,000]	1.3 [1.3]	[110 HF]	150 B [<100]	[<0.10]	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]	[<0.5]	NA	3,80,000 [3,40,000]	43,300 [66,900]	35,500 [29,600]

See Notes on Page 67

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Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

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-D1R (cont.)	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]
	2/6/2024	493,000 [<20,000]	2,570 [<1.00 P1]	0.113 [<0.05]	234 T8 [<50.0 T8]	NA [NA]	NA [NA]	<1,000 [<100]	201,000 [<644 J]	619 [<50.0]	34,500 [169 J]
	6/25/2024	352,000 [506,000]	2,440 [2,690]	<0.05 [0.24]	361 T8 [552 T8]	NA	NA	<100 [<100]	147,000 [105,000]	4,110 [7,050]	34,700 [26,400]
	9/5/2024	481,000 [605,000]	2,510 [2,670]	0.162 [0.872]	121 T8 [92.0 T8]	NA	NA	<500 [<100]	172,000 [104,000]	505 [285]	35,800 [33,200]
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
	10/11/2017	804,000	3,720	5.5	<100	<50	<0.050	NA	2,98,000 B	56,400	10,800 B
	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
	2/6/2024	749,000	3,670	0.699	1,110 T8	NA	NA	363 J	177,000	107	17,300
	6/25/2024	593,000	3,320	0.464	825 T8	NA	NA	<100	238,000	104	15,000
	9/5/2024	775,000	3,630	0.387	1,540 T8	NA	NA	<500	120,000	56.0	15,800
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
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
MW-24-VDR (cont.)	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
	2/6/2024	35,900	571	<0.1	43,500 T8	NA	NA	99.0 J	51,900	<50.0	2,550
	6/25/2024	484,000	15,600	46.8	9,160 T8	NA	NA	<100	1,900,000	<50.0	1,500
	9/5/2024	530,000	15,400	12.4	22,300 T8	NA	NA	<100	1,580,000	<50.0	5,940
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
	8/12/2021	479,000	2,060	0.442	363 T8	NA	NA	<100	342,000	72	29,400
	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
	2/6/2024	596,000	1,470	<0.05	729 T8	NA	NA	<100	141,000	<50.0	32,800
	9/4/2024	656,000	2,050	<0.05	432 T8	NA	NA	<100	73,800	34.0 J	28,800
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

See Notes on Page 67

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Oceanside, Township of Hempstead, New York

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-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
	2/5/2024	599,000	3,440	0.090	698 T8	NA	NA	114 J	237,000 J	55.0	13,800
	6/24/2024	802,000	3,780	0.450	474 T8	NA	NA	<100	180,000	62.0	14,100
	9/5/2024	799,000	3,510	0.0362 J	136 T8	NA	NA	<100	196,000	90.0	12,700
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
	10/18/2018	195,000	8,300	2.8	<100	<50	<0.050	NA	1,250,000	7,200	NA
	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	13.3	571 T8	NA	NA	<100	797,000	<50.0	6,530

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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
MW-27-D2 (cont.)	2/5/2024	315,000	5,230	<0.1	9,200 T8	NA	NA	<100	594,000	<50.0	6,290
	6/24/2024	352,000	8,530	12.6	2,680 T8	NA	NA	<100 U	1,060,000	<50.0U	5,680
	9/5/2024	325,000	7,860	6.49	2,560 T8	NA	NA	<100	846,000	<50.0	6,350
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
	2/6/2024	364,000	1,360	0.023 J	431 T8	NA	NA	66.0 J	314,000	<50.0	44,000
	6/25/2024	386,000	2,240	<0.100	322 T8	NA	NA	<100	370,000	30.0 J	32,600
	9/4/2024	567,000	2,330	0.151	158 T8	NA	NA	<100	230,000	<50.0	29,400
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
	2/11/2020	276,000	3,600	0.25	100 U HF	140 H	0.014 J	NA	440,000	11,500	8,300
	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

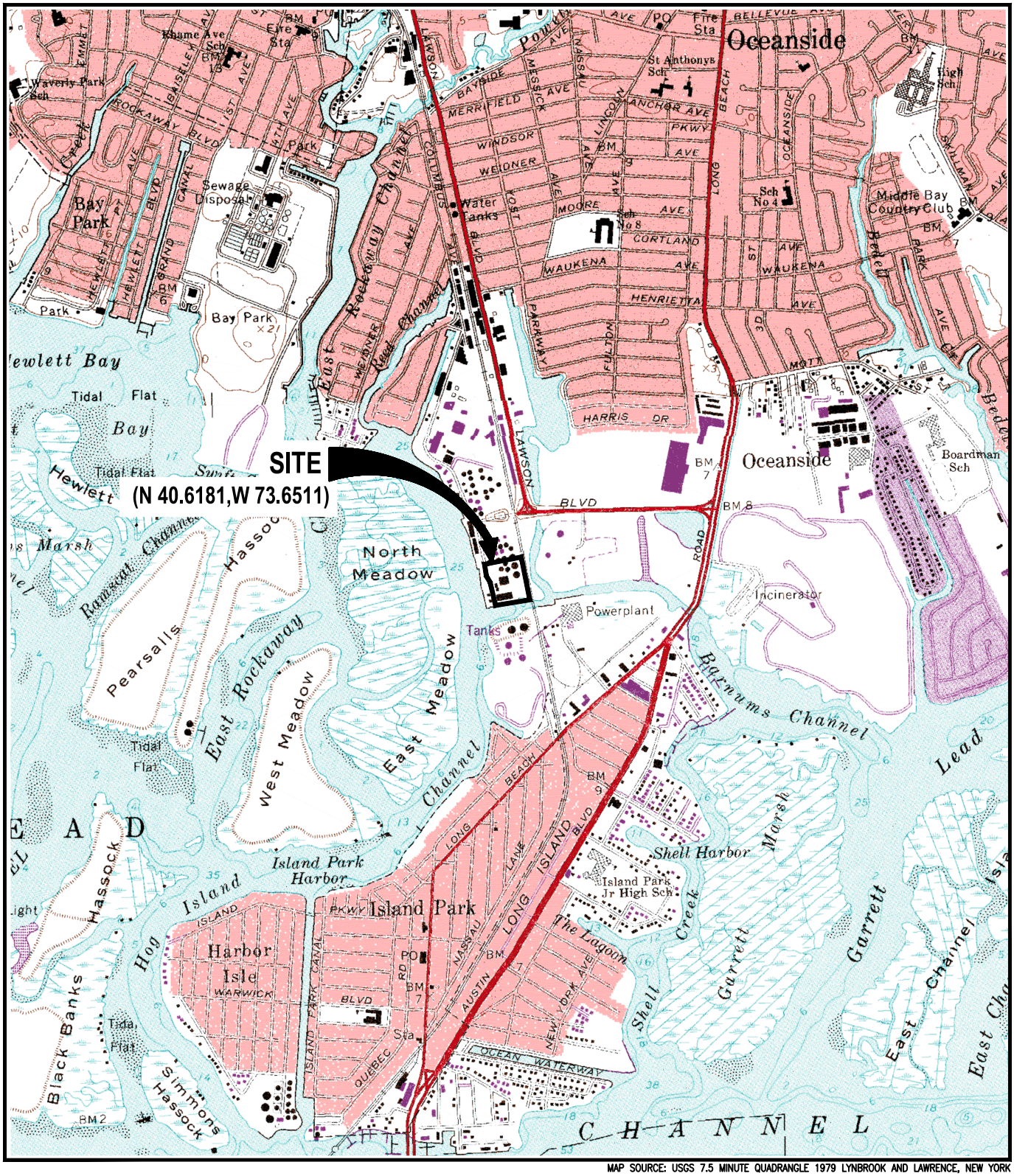
Location ID	Date Sampled	General Chemistry			General Chemistry						
		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYS Class GA Standard		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	11/29/2023	**411,000**	**4,450**	**0.206**	**520 T8**	NA	NA	**72.0 J**	**506,000**	<50.0	**6,420**
	2/6/2024	**466,000**	**4,860**	<0.05	**1,120 T8**	NA	NA	**78.0 J**	**507,000**	**42.0 J**	**9,070**
	9/4/2024	**313,000**	**3,220**	<0.05	**563 T8**	NA	NA	<100	**309,000**	<50.0	**6,830**
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**	**33.0J**	**10,700**
	2/6/2024	**182,000**	**846**	<0.1	**10,800 T8**	NA	NA	<1,000	**33,000**	<50.0	**4,000**
	6/25/2024	**206,000**	**557**	<0.100	**264,000 T8**	NA	NA	<500	**24,600 J**	<50.0	**30,800**
	9/4/2024	**191,000**	**650**	**23.6**	**1930 T8**	NA	NA	<200	**42,600**	<50.0	**4,600**
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 67

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through September 2024
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Notes:
ID = Identification
NYS = New York State
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 NYS Class GA standard/guidance value
< = Less than indicated reporting limit
NE = Not established
CaCO3 = calcium carbonate
B = Compound was found in the blank and sample.
C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E = Result exceeded calibration range
F1 = Matrix spike and/or matrix spike duplicate recovery was outside acceptance limits.
H = Sample was prepped or analyzed beyond the specified holding time.
HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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.
J5 = The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6 = The sample matrix interfered with the ability to make any accurate determination; spike value is low
O1 = The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
T8 = Sample(s) received past/too close to holding time expiration.
V = The sample concentration is too high to evaluate accurate spike recoveries.
[ ] = Duplicate analysis results
* = 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

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.

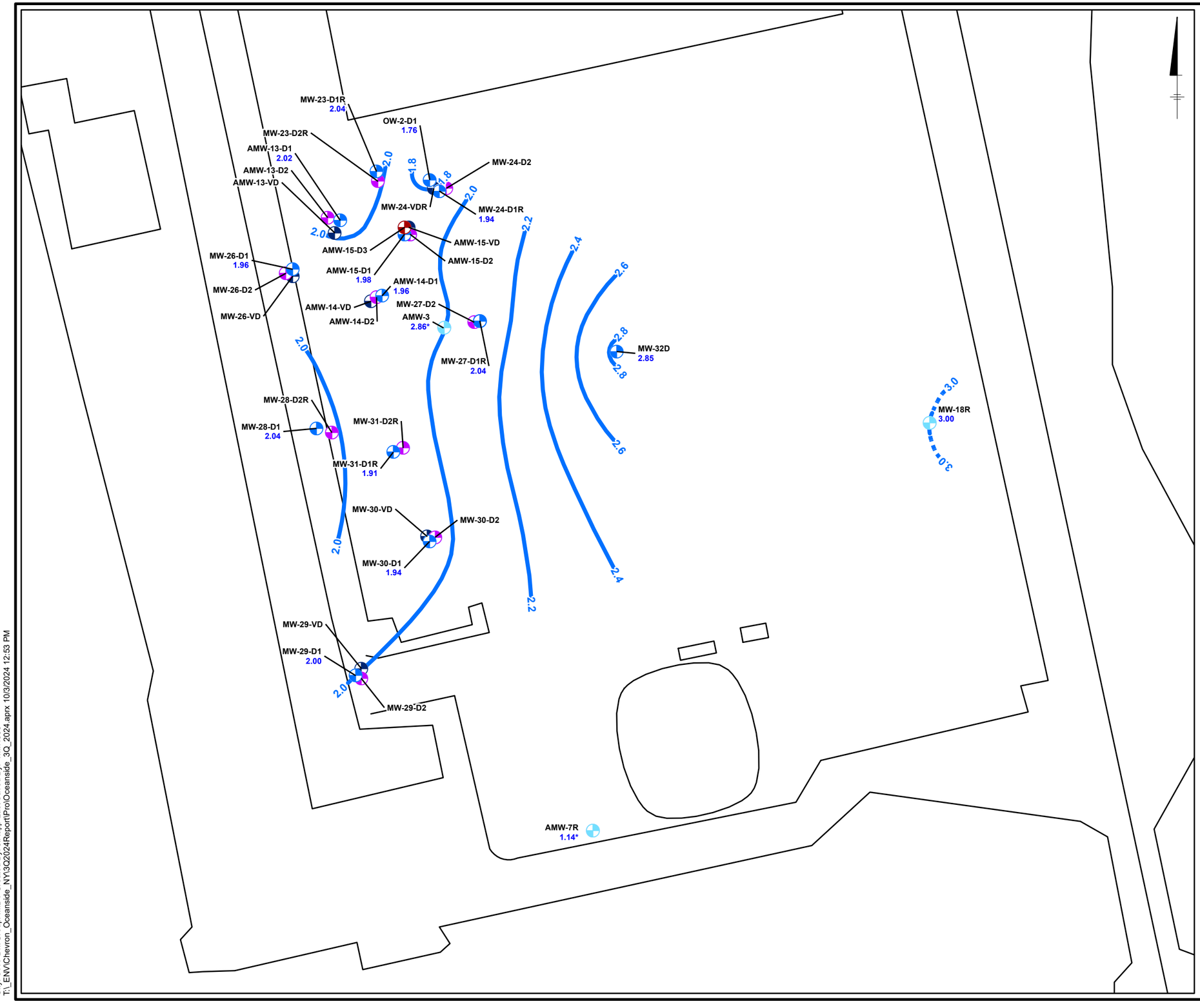
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

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



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) (DASHED WHERE INFERRED)
- 2.85 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- * NOT USED TO GENERATE CONTOURS

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 SEPTEMBER 04, 2024

ARCADIS

FIGURE 3

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: vmn1306
T:_ENV\Chevron_Oceanside_NY\3Q2024Report\Pro\Oceanside_3Q_2024.aprx 10/3/2024 12:53 PM

MW-23-D1R
MW-23-D2R
2.00
2.2
OW-2-D1
MW-24-VDR
MW-24-D2
1.79*
MW-24-D1R
AMW-13-D2
1.86
AMW-13-D1
AMW-13-VD
AMW-15-D3
AMW-15-VD
MW-26-D1
MW-26-D2
MW-26-VD
AMW-15-D2
1.98
AMW-15-D1
AMW-14-D1
AMW-14-D2
2.02
AMW-14-VD
AMW-3
MW-27-D1R
MW-27-D2
2.04
MW-32D
MW-18R
MW-28-D1
MW-28-D2R
2.00
MW-31-D1R
1.8
MW-31-D2R
1.74
1.8
MW-30-D2
2.00
2.0
MW-30-VD
MW-30-D1
MW-29-VD
MW-29-D1
MW-29-D2
2.08
AMW-7R

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)
- 1.98 GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- * NOT USED TO GENERATE CONTOURS

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 SEPTEMBER 04, 2024

ARCADIS

FIGURE 4

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: vmn1306
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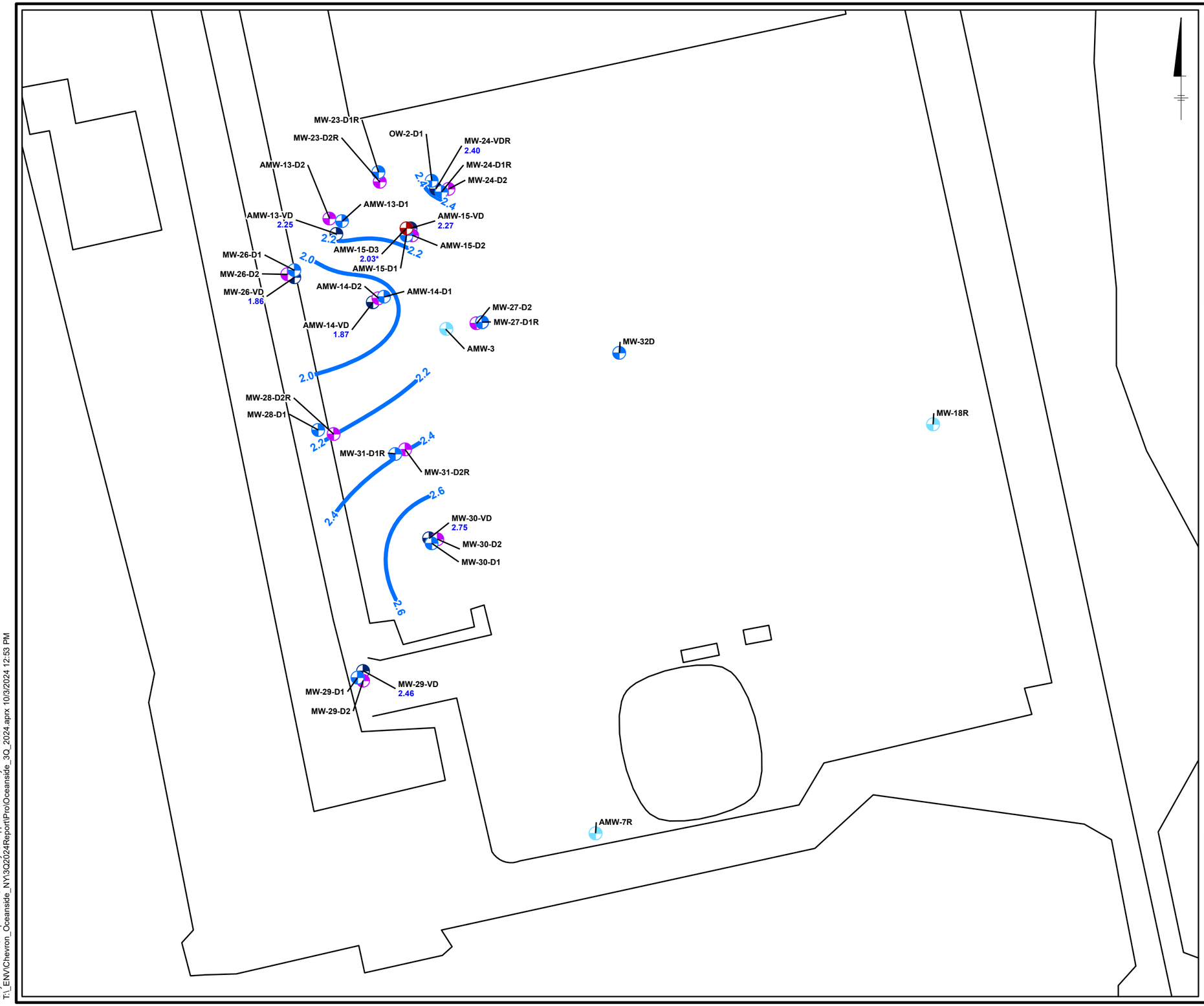
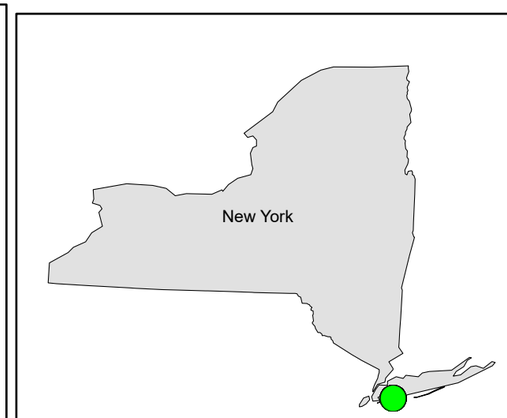




SITE LOCATION

LEGEND:

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

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 SEPTEMBER 04, 2024

ARCADIS

FIGURE 5

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: vnn1306
T:_ENV\Chevron_Oceanside_NY\3Q2024ReportPro\Oceanside_3Q_2024 aprx 10/3/2024 12:53 PM

Sample ID	MW-23-D1R
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	54.6
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.245 J
Trichloroethene	<1.00

Sample ID	MW-24-VDR
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	1.10
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	09/05/2024
Benzene	9.45 [10.2]
Ethylbenzene	7.39 [7.55]
Methyl-t-butyl ether	160 [164]
Trans-1,2-Dichloroethene	7.79 [8.13]
Vinyl chloride (Chloroethene)	2.41 J [<5.00]
Xylene (total)	6.97 J [8.00 J]
cis-1,2-Dichloroethene	<5.00 [<5.00]
Trichloroethene	<5.00 [<5.00]

Sample ID	MW-24-D2
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	38.4
Trans-1,2-Dichloroethene	0.196 J
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.160 J
Trichloroethene	<1.00

Sample ID	AMW-15-VD
Sample Date	09/05/2024
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	4.74

Sample ID	AMW-15-D3
Sample Date	09/05/2024
Benzene	0.662 J
Ethylbenzene	<1.00
Methyl-t-butyl ether	3.41
Trans-1,2-Dichloroethene	0.159 J
Vinyl chloride (Chloroethene)	0.237 J
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.792 J
Trichloroethene	1.75

Sample ID	AMW-15-D2
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	26.6
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.222 J
Trichloroethene	<1.00

Sample ID	AMW-15-D1
Sample Date	09/05/2024
Benzene	1.64
Ethylbenzene	0.146 J
Methyl-t-butyl ether	28.1
Trans-1,2-Dichloroethene	0.556 J
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	<3.00
cis-1,2-Dichloroethene	0.168 J
Trichloroethene	0.214 J

Sample ID	MW-18R
Sample Date	09/05/2024
Benzene	37.8
Ethylbenzene	0.573 J
Methyl-t-butyl ether	37.2
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00
Xylene (total)	4.25
cis-1,2-Dichloroethene	0.144 J
Trichloroethene	<1.00

Sample ID	MW-27-D1R
Sample Date	09/05/2024
Benzene	3.23
Ethylbenzene	0.204 J
Methyl-t-butyl ether	17.0
Trans-1,2-Dichloroethene	1.96
Vinyl chloride (Chloroethene)	18.5 C5 J4
Xylene (total)	0.335 J
cis-1,2-Dichloroethene	0.641 J
Trichloroethene	<1.00

Sample ID	MW-27-D2
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.463 J
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	0.265 J
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-26-D1
Sample Date	09/04/2024
Benzene	19.1
Ethylbenzene	9.40
Methyl-t-butyl ether	72.9
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	14.6
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-D2
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	11.5
Trans-1,2-Dichloroethene	0.934 J
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-VD
Sample Date	09/05/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	<1.00
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-14-D1
Sample Date	09/05/2024
Benzene	8.49
Ethylbenzene	5.75
Methyl-t-butyl ether	182
Trans-1,2-Dichloroethene	6.97
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	0.302 J
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-28-D1
Sample Date	09/04/2024
Benzene	5.74
Ethylbenzene	1.25
Methyl-t-butyl ether	14.8
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-28-D2R
Sample Date	09/04/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	0.385 J
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	MW-29-D1
Sample Date	09/04/2024
Benzene	<1.00
Ethylbenzene	<1.00
Methyl-t-butyl ether	1.26
Trans-1,2-Dichloroethene	<1.00
Vinyl chloride (Chloroethene)	<1.00 J4
Xylene (total)	<3.00
cis-1,2-Dichloroethene	<1.00
Trichloroethene	<1.00

Sample ID	AMW-7R
Sample Date	09/05/2024
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

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

COSTCO BUILDING

COSTCO SERVICE STATION

0 70 140 Feet
GRAPHIC SCALE

SITE LOCATION

LEGEND:

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

Parameter Name	NYS CLASS GA STANDARD
Benzene	1 µg/L
Ethylbenzene	5 µg/L
Methyl-t-butyl ether	10 µg/L *
Trans-1,2-Dichloroethene	5 µg/L
Vinyl chloride (Chloroethene)	2 µg/L
Xylene (total)	5 µg/L
cis-1,2-Dichloroethene	5 µg/L
Trichloroethene	5 µg/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 BALUES 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 TOGS
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
J = THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
J4 = THE ASSOCIATED BATCH QC WAS OUTSIDE THE ESTABLISHED QUALITY CONTROL RANGE FOR ACCURACY
[ ] = DUPLICATE ANALYSIS RESULTS
< = LESS THAN INDICATED REPORTING LIMIT

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS SEPTEMBER 04 AND 05, 2024

ARCADIS

FIGURE 6

City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: vmn1306
T:_ENV\Chevron_Oceanside_NY\302024Report\Pro\Oceanside_3Q_2024.aprx 9/30/2024 12:04 PM

Attachment 1

Groundwater Gauging and Sampling Logs

Groundwater Gauging Log

Project Number	30062947
Client:	Chevron
Site ID:	6518040
Site Location:	Oceanside, New York
Measuring Point:	Top of Casing
Date(s):	09/04/2024
Sampler(s):	Shekhar Gahlod
Gauging Equipment:	Water Level Meter

Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
OW-2-D1	09/04/2024	21:16	8.18	ND	33.66	0	--	--
AMW-3	09/04/2024	21:02	6.19	ND	12.38	--	--	--
AMW-7R	09/04/2024	22:11	8.81	ND	13.86	0	--	--
AMW-13-D1	09/04/2024	21:03	7.85	ND	32.83	0.1	--	--
AMW-13-D2	09/04/2024	21:06	7.90	ND	42.71	0	--	--
AMW-13-VD	09/04/2024	21:11	7.52	ND	70.30	0	--	--
AMW-14-D1	09/04/2024	22:38	7.42	ND	32.63	--	--	--
AMW-14-D2	09/04/2024	22:18	7.35	ND	42.69	0	--	--
AMW-14-VD	09/04/2024	22:15	7.38	ND	74.36	0	--	--
AMW-15-D1	09/04/2024	22:28	7.76	ND	35.79	0	--	--
AMW-15-D2	09/04/2024	22:25	7.73	ND	40.82	0	--	--
AMW-15-D3	09/04/2024	22:26	7.78	ND	68.02	0	--	--
AMW-15-VD	09/04/2024	22:01	7.55	ND	71.07	0	--	--
MW-18R	09/04/2024	22:33	4.98	ND	9.93	0.2	--	--
MW-23-D1R	09/04/2024	22:27	7.80	ND	26.26	0	--	--
MW-23-D2R	09/04/2024	22:23	8.52	ND	45.89	0	--	Well pvc damaged about 3ft down. Able to fit probe down well, but unable to deploy hydrasleve
MW-24-D1R	09/04/2024	22:43	7.88	ND	31.46	0	--	--
MW-24-D2	09/04/2024	21:55	8.21	ND	41.62	0	--	--
MW-24-VDR	09/04/2024	21:57	7.32	ND	67.82	0	--	--
MW-26-D1	09/04/2024	22:31	7.99	ND	19.36	0	--	--
MW-26-VD	09/04/2024	21:19	8.13	ND	67.50	0	--	--
MW-27-D1R	09/04/2024	22:30	6.97	ND	32.21	0	--	--
MW-27-D2	09/04/2024	21:42	7.05	ND	46.39	0	--	--
MW-28-D1	09/04/2024	22:19	6.21	ND	30.13	0	--	--
MW-28-D2R	09/04/2024	21:46	6.40	ND	46.38	0	--	--
MW-29-D1	09/04/2024	22:44	3.21	ND	21.83	0	--	--
MW-29-D2	09/04/2024	22:39	3.30	ND	37.80	0	--	--
MW-29-VD	09/04/2024	22:40	2.81	ND	59.65	0	--	--
MW-30-D1	09/04/2024	21:27	6.80	ND	29.82	0	--	--
MW-30-D2	09/04/2024	21:29	6.72	ND	40.29	0	--	--
MW-30-VD	09/04/2024	21:31	5.95	ND	82.54	0	--	--
MW-31-D1R	09/04/2024	21:34	6.48	ND	29.92	0	--	--
MW-31-D2R	09/04/2024	21:36	6.61	ND	45.95	0	--	--
MW-32D	09/04/2024	21:40	6.00	ND	35.90	0	--	--

ft-bmp = feet below measuring point ND = Not Detected PID = Photoionization Detector Reading

ppm = parts per million -- = Not Recorded

ARCADIS

Project Name: Chevron Oceanside

Field Personnel: SG + AF

Date: 9/4/24 & 9/6/24

Weather: clear

Well ID	Time	pH	Temp (dep C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mV)	Notes
							DTB:
MW-29-D2	2250	7.34	20.61	0.587	2.04	-179.9	21.83
MW-26-D1	2320	7.29	18.65	7.278	0.36	-251.7	29.36
MW-28-D1	2340	7.29	18.00	7.760	2.46	-270.0	30.13
MW-28-D2R	2355	6.85	16.71	8.118	1.73	-221.2	46.38
MW-27-D1R	0025	7.29	16.81	11.97	0.64	-270.3	32.21
AMW-14-VD	0050	6.86	16.16	43.94	2.73	-103.4	74.36
AMW-14-D2	0115	7.22	16.40	9.039	0.20	-278.9	42.69
AMW-14-D1	0115	7.51	18.61	5.508	2.19	-282.4	32.63
MW-18R	2000	7.34	22.15	3.298	4.00	-113.9	9.93
AMW-7R	2050	7.52	21.40	1.661	5.26	-124.6	13.86
MW-23-D1R	2115	7.70	19.43	5.279	0.98	-284.8	16.26
AMW-15 VD	2145	9.40	17.14	0.610	1.65	-216.1	71.07
AMW-15-D2	2140	7.55	17.75	8.686	1.92	-269.4	40.82
AMW-15-D3	2210	11.38	17.93	4.495	1.07	-316.2	48.02
AMW-15-D1	2205	7.68	16.77	8.346	0.55	-290.1	35.79
MW-24-D2	2300	7.52	21.08	8.816	0.81	-291.8	41.62
MW-24VDR	2305	10.32	20.36	0.238	5.07	-192.8	67.82
MW-24-D1R	2325	7.49	19.91	7.686	2.71	-315.8	31.46
MW-27-D2	2359	6.97	16.34	23.21	5.18	-87.3	46.39

9/4

9/5

BD collected

Attachment 2

Laboratory Analytical Report

ANALYTICAL REPORT

September 19, 2024

Arcadis - Chevron - NY

Sample Delivery Group:	L1775042
Samples Received:	09/06/2024
Project Number:	30062947.19.45
Description:	POD 4 - Oceanside 6518040
Site:	6518040
Report To:	Alex Newbrough

Entire Report Reviewed By:

Chris McCord
Project Manager

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

TABLE OF CONTENTS

MW-28-D2R-W-240904 L1775042-01 GW

Collected by: Alec Fedele | Collected date/time: 09/04/24 23:55 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 22:52	09/12/24 22:52	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357963	1	09/07/24 11:13	09/07/24 11:13	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357963	1	09/07/24 11:13	09/07/24 11:13	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 15:57	09/09/24 15:57	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:16	09/10/24 15:16	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2358283	1	09/08/24 12:03	09/08/24 12:03	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 01:10	09/10/24 01:10	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 09:37	09/10/24 09:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 09:09	09/12/24 09:09	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 22:52	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:38	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 10:56	09/10/24 10:56	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 14:12	09/10/24 14:12	DYW	Mt. Juliet, TN

AMW-14-VD-W-240905 L1775042-02 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:50 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 22:58	09/12/24 22:58	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 05:48	09/08/24 05:48	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 05:48	09/08/24 05:48	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	25	09/09/24 15:58	09/09/24 15:58	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:17	09/10/24 15:17	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2358283	1	09/08/24 12:04	09/08/24 12:04	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 09:51	09/10/24 09:51	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 10:13	09/12/24 10:13	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 22:58	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	10	09/12/24 13:06	09/12/24 23:23	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:07	09/10/24 11:07	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 14:34	09/10/24 14:34	DYW	Mt. Juliet, TN

AMW-14-D2-W-240905 L1775042-03 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 01:15 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:00	09/12/24 23:00	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 05:52	09/08/24 05:52	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 05:52	09/08/24 05:52	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	10	09/09/24 15:58	09/09/24 15:58	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:18	09/10/24 15:18	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2358283	2	09/08/24 12:21	09/08/24 12:21	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 01:23	09/10/24 01:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 10:04	09/10/24 10:04	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 10:56	09/12/24 10:56	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:00	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:40	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:18	09/10/24 11:18	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 14:57	09/10/24 14:57	DYW	Mt. Juliet, TN

MW-28-D1-W-240904 L1775042-04 GW

Collected by: Alec Fedele | Collected date/time: 09/04/24 23:40 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:01	09/12/24 23:01	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 05:58	09/08/24 05:58	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 05:58	09/08/24 05:58	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 15:58	09/09/24 15:58	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:23	09/10/24 15:23	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2358283	1	09/08/24 12:22	09/08/24 12:22	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 01:37	09/10/24 01:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 10:18	09/10/24 10:18	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 11:19	09/12/24 11:19	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:01	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:42	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:32	09/10/24 11:32	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 15:19	09/10/24 15:19	DYW	Mt. Juliet, TN

MW-27-D1R-W-240905 L1775042-05 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:25 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:03	09/12/24 23:03	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 06:03	09/08/24 06:03	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 06:03	09/08/24 06:03	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 15:59	09/09/24 15:59	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:24	09/10/24 15:24	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2358283	1	09/08/24 12:23	09/08/24 12:23	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 01:50	09/10/24 01:50	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 10:31	09/10/24 10:31	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 11:41	09/12/24 11:41	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:03	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:43	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:37	09/10/24 11:37	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 15:41	09/10/24 15:41	DYW	Mt. Juliet, TN

MW-26-D1-W-240904 L1775042-06 GW

Collected by: Alec Fedele | Collected date/time: 09/04/24 23:20 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:05	09/12/24 23:05	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 06:19	09/08/24 06:19	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 06:19	09/08/24 06:19	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 15:59	09/09/24 15:59	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359086	1	09/10/24 15:26	09/10/24 15:26	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:34	09/11/24 12:34	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 02:03	09/10/24 02:03	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	100	09/10/24 10:45	09/10/24 10:45	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 12:03	09/12/24 12:03	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:05	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:45	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:42	09/10/24 11:42	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359750	10	09/10/24 16:16	09/10/24 16:16	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 16:04	09/10/24 16:04	DYW	Mt. Juliet, TN

MW-29-D1-W-240904 L1775042-07 GW

Collected by: Alec Fedele | Collected date/time: 09/04/24 22:50 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:07	09/12/24 23:07	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 06:28	09/08/24 06:28	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 06:28	09/08/24 06:28	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 15:59	09/09/24 15:59	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	2	09/11/24 19:44	09/11/24 19:44	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:35	09/11/24 12:35	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	1	09/10/24 00:56	09/10/24 00:56	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 02:17	09/10/24 02:17	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 13:38	09/12/24 13:38	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:07	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358367	1	09/10/24 11:59	09/10/24 11:59	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 16:26	09/10/24 16:26	DYW	Mt. Juliet, TN

AMW-14-D1-W-240905 L1775042-08 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:15 | Received date/time: 09/06/24 09:00

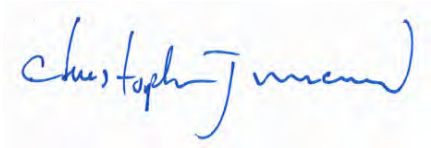
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:08	09/12/24 23:08	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 06:34	09/08/24 06:34	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 06:34	09/08/24 06:34	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 16:00	09/09/24 16:00	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	2	09/11/24 19:46	09/11/24 19:46	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	2	09/11/24 12:35	09/11/24 12:35	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	10	09/10/24 02:30	09/10/24 02:30	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	20	09/12/24 12:41	09/12/24 12:41	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:08	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358369	1	09/09/24 19:34	09/09/24 19:34	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 16:48	09/10/24 16:48	DYW	Mt. Juliet, TN

FB-W-240905 L1775042-09 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 01:30 | Received date/time: 09/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 23:10	09/12/24 23:10	MAP	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2357962	1	09/08/24 06:40	09/08/24 06:40	KA	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2357962	1	09/08/24 06:40	09/08/24 06:40	KA	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358785	1	09/09/24 16:00	09/09/24 16:00	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 19:47	09/11/24 19:47	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:36	09/11/24 12:36	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2357775	1	09/09/24 21:47	09/09/24 21:47	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2359258	1	09/12/24 12:58	09/12/24 12:58	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 23:10	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2358369	1	09/09/24 19:48	09/09/24 19:48	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2359505	1	09/10/24 13:06	09/10/24 13:06	DYW	Mt. Juliet, TN

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



Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2357962	4500CO2 D-2011	L1775042-02, 03, 04, 05, 06, 07, 08, 09
WG2357963	4500CO2 D-2011	L1775042-01
WG2358785	3500Fe B-2011	L1775042-01, 02, 03, 04, 05, 06, 07, 08, 09

The laboratory analysis was performed from an unpreserved, insufficiently or inadequately preserved sample.

Batch	Method	Lab Sample ID
WG2358283	4500S2 D-2011	L1775042-02

Wet Chemistry by Method 353.2

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

Batch	Lab Sample ID	Analytes
WG2359220	(DUP) R4118730-3	Nitrate-Nitrite

Wet Chemistry by Method 9056A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2357775	Chloride	L1775042-09

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

Batch	Lab Sample ID	Analytes
WG2357775	(DUP) R4119476-3, L1775042-09	Chloride and Sulfate

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

Batch	Lab Sample ID	Analytes
WG2357775	(MS) R4119476-7	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2359258	TOC (Total Organic Carbon)	L1775042-09

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2360869	(MS) R4119335-4, (MSD) R4119335-5	Iron and Manganese

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

Batch	Lab Sample ID	Analytes
WG2360869	(MS) R4119335-4, (MSD) R4119335-5	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
WG2359505	L1775042-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-08	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane
WG2359505	L1775042-09	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2359505	L1775042-05	Vinyl chloride

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

Batch	Lab Sample ID	Analytes
WG2359505	(LCSD) R4119252-2, L1775042-01, 02, 03, 04, 05, 06, 07, 08, 09	Vinyl chloride

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	09/12/2024 22:52	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	313000		20000	1	09/07/2024 11:13	WG2357963
Free Carbon Dioxide	65100	B T8	20000	1	09/07/2024 11:13	WG2357963

Sample Narrative:

L1775042-01 WG2357963: 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	563	T8	15.0	50.0	1	09/09/2024 15:57	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:16	WG2359086

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	09/08/2024 12:03	WG2358283

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3220000		54700	100000	100	09/10/2024 09:37	WG2357775
Sulfate	309000		6370	50000	10	09/10/2024 01:10	WG2357775

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)	6830		102	1000	1	09/12/2024 09:09	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	223		18.0	100	1	09/12/2024 22:52	WG2360869
Manganese	242		0.934	10.0	1	09/12/2024 22:52	WG2360869
Sodium	1820000		2520	15000	5	09/13/2024 11:38	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	148		2.91	10.0	1	09/10/2024 10:56	WG2358367
Ethane	4.88	J	4.07	13.0	1	09/10/2024 10:56	WG2358367
Ethene	U		4.26	13.0	1	09/10/2024 10:56	WG2358367

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/10/2024 14:12	WG2359505
Benzene	U		0.0941	1.00	1	09/10/2024 14:12	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 14:12	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 14:12	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 14:12	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 14:12	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 14:12	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 14:12	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 14:12	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 14:12	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 14:12	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 14:12	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 14:12	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 14:12	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 14:12	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 14:12	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 14:12	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 14:12	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 14:12	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 14:12	WG2359505
1,1-Dichloroethane	0.537	J	0.100	1.00	1	09/10/2024 14:12	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 14:12	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 14:12	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 14:12	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 14:12	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 14:12	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 14:12	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 14:12	WG2359505
Ethylbenzene	U		0.137	1.00	1	09/10/2024 14:12	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 14:12	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 14:12	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 14:12	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 14:12	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 14:12	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 14:12	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 14:12	WG2359505
Methyl tert-butyl ether	0.385	J	0.101	1.00	1	09/10/2024 14:12	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 14:12	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 14:12	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 14:12	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 14:12	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 14:12	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 14:12	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 14:12	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 14:12	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 14:12	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 14:12	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 14:12	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 14:12	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 14:12	WG2359505
(S) Toluene-d8	*108*			*80.0-120*		*09/10/2024 14:12*	WG2359505
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*09/10/2024 14:12*	WG2359505
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*09/10/2024 14:12*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	4570		18.0	100	1	09/12/2024 22:58	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	659000		20000	1	09/08/2024 05:48	WG2357962
Free Carbon Dioxide	170000	T8	20000	1	09/08/2024 05:48	WG2357962

Sample Narrative:

L1775042-02 WG2357962: 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	14300	T8	375	1250	25	09/09/2024 15:58	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:17	WG2359086

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	09/08/2024 12:04	WG2358283

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	16400000		54700	100000	100	09/10/2024 09:51	WG2357775
Sulfate	1610000		63700	500000	100	09/10/2024 09:51	WG2357775

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)	11700		102	1000	1	09/12/2024 10:13	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18900		18.0	100	1	09/12/2024 22:58	WG2360869
Manganese	431		0.934	10.0	1	09/12/2024 22:58	WG2360869
Sodium	8220000		5040	30000	10	09/12/2024 23:23	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	30.4		2.91	10.0	1	09/10/2024 11:07	WG2358367
Ethane	4.40	J	4.07	13.0	1	09/10/2024 11:07	WG2358367
Ethene	U		4.26	13.0	1	09/10/2024 11:07	WG2358367

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 14:34	WG2359505
Benzene	U		0.0941	1.00	1	09/10/2024 14:34	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 14:34	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 14:34	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 14:34	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 14:34	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 14:34	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 14:34	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 14:34	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 14:34	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 14:34	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 14:34	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 14:34	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 14:34	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 14:34	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 14:34	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 14:34	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 14:34	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 14:34	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 14:34	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 14:34	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 14:34	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 14:34	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 14:34	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 14:34	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 14:34	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 14:34	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 14:34	WG2359505
Ethylbenzene	U		0.137	1.00	1	09/10/2024 14:34	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 14:34	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 14:34	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 14:34	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 14:34	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 14:34	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 14:34	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 14:34	WG2359505
Methyl tert-butyl ether	U		0.101	1.00	1	09/10/2024 14:34	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 14:34	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 14:34	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 14:34	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 14:34	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 14:34	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 14:34	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 14:34	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 14:34	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 14:34	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 14:34	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 14:34	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 14:34	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 14:34	WG2359505
(S) Toluene-d8	*111*			*80.0-120*		*09/10/2024 14:34*	WG2359505
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*09/10/2024 14:34*	WG2359505
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/10/2024 14:34*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	09/12/2024 23:00	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	779000		20000	1	09/08/2024 05:52	WG2357962
Free Carbon Dioxide	98400	T8	20000	1	09/08/2024 05:52	WG2357962

Sample Narrative:

L1775042-03 WG2357962: 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	5250	T8	150	500	10	09/09/2024 15:58	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:18	WG2359086

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	1240		50.0	100	2	09/08/2024 12:21	WG2358283

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3530000		54700	100000	100	09/10/2024 10:04	WG2357775
Sulfate	122000		6370	50000	10	09/10/2024 01:23	WG2357775

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)	14700		102	1000	1	09/12/2024 10:56	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	401		18.0	100	1	09/12/2024 23:00	WG2360869
Manganese	72.7		0.934	10.0	1	09/12/2024 23:00	WG2360869
Sodium	2060000		2520	15000	5	09/13/2024 11:40	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	946		2.91	10.0	1	09/10/2024 11:18	WG2358367
Ethane	4.23	J	4.07	13.0	1	09/10/2024 11:18	WG2358367
Ethene	U		4.26	13.0	1	09/10/2024 11:18	WG2358367

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 14:57	WG2359505
Benzene	U		0.0941	1.00	1	09/10/2024 14:57	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 14:57	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 14:57	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 14:57	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 14:57	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 14:57	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 14:57	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 14:57	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 14:57	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 14:57	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 14:57	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 14:57	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 14:57	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 14:57	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 14:57	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 14:57	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 14:57	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 14:57	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 14:57	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 14:57	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 14:57	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 14:57	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 14:57	WG2359505
trans-1,2-Dichloroethene	0.934	J	0.149	1.00	1	09/10/2024 14:57	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 14:57	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 14:57	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 14:57	WG2359505
Ethylbenzene	U		0.137	1.00	1	09/10/2024 14:57	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 14:57	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 14:57	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 14:57	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 14:57	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 14:57	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 14:57	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 14:57	WG2359505
Methyl tert-butyl ether	11.5		0.101	1.00	1	09/10/2024 14:57	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 14:57	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 14:57	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 14:57	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 14:57	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 14:57	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 14:57	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 14:57	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 14:57	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 14:57	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 14:57	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 14:57	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 14:57	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 14:57	WG2359505
(S) Toluene-d8	*107*			*80.0-120*		*09/10/2024 14:57*	WG2359505
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*09/10/2024 14:57*	WG2359505
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*09/10/2024 14:57*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	151		15.0	50.0	1	09/12/2024 23:01	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	567000		20000	1	09/08/2024 05:58	WG2357962
Free Carbon Dioxide	93500	T8	20000	1	09/08/2024 05:58	WG2357962

Sample Narrative:

L1775042-04 WG2357962: 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	158	T8	15.0	50.0	1	09/09/2024 15:58	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:23	WG2359086

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	09/08/2024 12:22	WG2358283

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2330000		54700	100000	100	09/10/2024 10:18	WG2357775
Sulfate	230000		6370	50000	10	09/10/2024 01:37	WG2357775

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)	29400		102	1000	1	09/12/2024 11:19	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	309		18.0	100	1	09/12/2024 23:01	WG2360869
Manganese	61.5		0.934	10.0	1	09/12/2024 23:01	WG2360869
Sodium	1440000		2520	15000	5	09/13/2024 11:42	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1540		2.91	10.0	1	09/10/2024 11:32	WG2358367
Ethane	U		4.07	13.0	1	09/10/2024 11:32	WG2358367
Ethene	U		4.26	13.0	1	09/10/2024 11:32	WG2358367

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 15:19	WG2359505
Benzene	5.74		0.0941	1.00	1	09/10/2024 15:19	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 15:19	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 15:19	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 15:19	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 15:19	WG2359505
Carbon disulfide	0.718	J	0.0962	1.00	1	09/10/2024 15:19	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 15:19	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 15:19	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 15:19	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 15:19	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 15:19	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 15:19	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 15:19	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 15:19	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 15:19	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 15:19	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 15:19	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 15:19	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 15:19	WG2359505
1,1-Dichloroethane	0.601	J	0.100	1.00	1	09/10/2024 15:19	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 15:19	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 15:19	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 15:19	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 15:19	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 15:19	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 15:19	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 15:19	WG2359505
Ethylbenzene	1.25		0.137	1.00	1	09/10/2024 15:19	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 15:19	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 15:19	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 15:19	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 15:19	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 15:19	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 15:19	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 15:19	WG2359505
Methyl tert-butyl ether	14.8		0.101	1.00	1	09/10/2024 15:19	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 15:19	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 15:19	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 15:19	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 15:19	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 15:19	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 15:19	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 15:19	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 15:19	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 15:19	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 15:19	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 15:19	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 15:19	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 15:19	WG2359505
(S) Toluene-d8	*109*			*80.0-120*		*09/10/2024 15:19*	WG2359505
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/10/2024 15:19*	WG2359505
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*09/10/2024 15:19*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	36.2	J	15.0	50.0	1	09/12/2024 23:03	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	799000		20000	1	09/08/2024 06:03	WG2357962
Free Carbon Dioxide	111000	T8	20000	1	09/08/2024 06:03	WG2357962

Sample Narrative:

L1775042-05 WG2357962: 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	136	T8	15.0	50.0	1	09/09/2024 15:59	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:24	WG2359086

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	90.0		25.0	50.0	1	09/08/2024 12:23	WG2358283

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3510000		54700	100000	100	09/10/2024 10:31	WG2357775
Sulfate	196000		6370	50000	10	09/10/2024 01:50	WG2357775

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)	12700		102	1000	1	09/12/2024 11:41	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	172		18.0	100	1	09/12/2024 23:03	WG2360869
Manganese	43.3		0.934	10.0	1	09/12/2024 23:03	WG2360869
Sodium	2170000		2520	15000	5	09/13/2024 11:43	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	929		2.91	10.0	1	09/10/2024 11:37	WG2358367
Ethane	8.84	J	4.07	13.0	1	09/10/2024 11:37	WG2358367
Ethene	22.0		4.26	13.0	1	09/10/2024 11:37	WG2358367

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/10/2024 15:41	WG2359505
Benzene	3.23		0.0941	1.00	1	09/10/2024 15:41	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 15:41	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 15:41	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 15:41	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 15:41	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 15:41	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 15:41	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 15:41	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 15:41	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 15:41	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 15:41	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 15:41	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 15:41	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 15:41	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 15:41	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 15:41	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 15:41	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 15:41	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 15:41	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 15:41	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 15:41	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 15:41	WG2359505
cis-1,2-Dichloroethene	0.641	J	0.126	1.00	1	09/10/2024 15:41	WG2359505
trans-1,2-Dichloroethene	1.96		0.149	1.00	1	09/10/2024 15:41	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 15:41	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 15:41	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 15:41	WG2359505
Ethylbenzene	0.204	J	0.137	1.00	1	09/10/2024 15:41	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 15:41	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 15:41	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 15:41	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 15:41	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 15:41	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 15:41	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 15:41	WG2359505
Methyl tert-butyl ether	17.0		0.101	1.00	1	09/10/2024 15:41	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 15:41	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 15:41	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 15:41	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 15:41	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 15:41	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 15:41	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 15:41	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 15:41	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 15:41	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 15:41	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 15:41	WG2359505
Vinyl chloride	18.5	C5 J4	0.234	1.00	1	09/10/2024 15:41	WG2359505
Xylenes, Total	0.335	J	0.174	3.00	1	09/10/2024 15:41	WG2359505
(S) Toluene-d8	*105*			*80.0-120*		*09/10/2024 15:41*	WG2359505
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*09/10/2024 15:41*	WG2359505
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/10/2024 15:41*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	09/12/2024 23:05	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	656000		20000	1	09/08/2024 06:19	WG2357962
Free Carbon Dioxide	102000	T8	20000	1	09/08/2024 06:19	WG2357962

Sample Narrative:

L1775042-06 WG2357962: 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	432	T8	15.0	50.0	1	09/09/2024 15:59	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/10/2024 15:26	WG2359086

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	09/11/2024 12:34	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2050000		54700	100000	100	09/10/2024 10:45	WG2357775
Sulfate	73800		6370	50000	10	09/10/2024 02:03	WG2357775

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	28800		102	1000	1	09/12/2024 12:03	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	382		18.0	100	1	09/12/2024 23:05	WG2360869
Manganese	37.3		0.934	10.0	1	09/12/2024 23:05	WG2360869
Sodium	1370000		2520	15000	5	09/13/2024 11:45	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	11300		29.1	100	10	09/10/2024 16:16	WG2359750
Ethane	18.9		4.07	13.0	1	09/10/2024 11:42	WG2358367
Ethene	U		4.26	13.0	1	09/10/2024 11:42	WG2358367

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 16:04	WG2359505
Benzene	19.1		0.0941	1.00	1	09/10/2024 16:04	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 16:04	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 16:04	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 16:04	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 16:04	WG2359505
Carbon disulfide	1.27		0.0962	1.00	1	09/10/2024 16:04	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 16:04	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 16:04	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 16:04	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 16:04	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 16:04	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 16:04	WG2359505
Cyclohexane	0.241	J	0.188	1.00	1	09/10/2024 16:04	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 16:04	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 16:04	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 16:04	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 16:04	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 16:04	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 16:04	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 16:04	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 16:04	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 16:04	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 16:04	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 16:04	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 16:04	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 16:04	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 16:04	WG2359505
Ethylbenzene	9.40		0.137	1.00	1	09/10/2024 16:04	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 16:04	WG2359505
Isopropylbenzene	1.57		0.105	1.00	1	09/10/2024 16:04	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 16:04	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 16:04	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 16:04	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 16:04	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 16:04	WG2359505
Methyl tert-butyl ether	72.9		0.101	1.00	1	09/10/2024 16:04	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 16:04	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 16:04	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 16:04	WG2359505
Toluene	0.544	J	0.278	1.00	1	09/10/2024 16:04	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 16:04	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 16:04	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 16:04	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 16:04	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 16:04	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 16:04	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 16:04	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 16:04	WG2359505
Xylenes, Total	14.6		0.174	3.00	1	09/10/2024 16:04	WG2359505
(S) Toluene-d8	*102*			*80.0-120*		*09/10/2024 16:04*	WG2359505
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*09/10/2024 16:04*	WG2359505
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*09/10/2024 16:04*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	23600		15.0	50.0	1	09/12/2024 23:07	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	191000		20000	1	09/08/2024 06:28	WG2357962
Free Carbon Dioxide	41000	T8	20000	1	09/08/2024 06:28	WG2357962

Sample Narrative:

L1775042-07 WG2357962: 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	1930	T8	15.0	50.0	1	09/09/2024 15:59	WG2358785

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		100	200	2	09/11/2024 19:44	WG2359220

Sample Narrative:

L1775042-07 WG2359220: Dilution due to matrix

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	09/11/2024 12:35	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	650000		5470	10000	10	09/10/2024 02:17	WG2357775
Sulfate	42600		637	5000	1	09/10/2024 00:56	WG2357775

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)	4600		102	1000	1	09/12/2024 13:38	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	25500		18.0	100	1	09/12/2024 23:07	WG2360869
Manganese	236		0.934	10.0	1	09/12/2024 23:07	WG2360869
Sodium	375000		504	3000	1	09/12/2024 23:07	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	220		2.91	10.0	1	09/10/2024 11:59	WG2358367
Ethane	U		4.07	13.0	1	09/10/2024 11:59	WG2358367

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	09/10/2024 11:59	WG2358367

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 16:26	WG2359505
Benzene	U		0.0941	1.00	1	09/10/2024 16:26	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 16:26	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 16:26	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 16:26	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 16:26	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 16:26	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 16:26	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 16:26	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 16:26	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 16:26	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 16:26	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 16:26	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 16:26	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 16:26	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 16:26	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 16:26	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 16:26	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 16:26	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 16:26	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 16:26	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 16:26	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 16:26	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 16:26	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 16:26	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 16:26	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 16:26	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 16:26	WG2359505
Ethylbenzene	U		0.137	1.00	1	09/10/2024 16:26	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 16:26	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 16:26	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 16:26	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 16:26	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 16:26	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 16:26	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 16:26	WG2359505
Methyl tert-butyl ether	1.26		0.101	1.00	1	09/10/2024 16:26	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 16:26	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 16:26	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 16:26	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 16:26	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 16:26	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 16:26	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 16:26	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 16:26	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 16:26	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 16:26	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 16:26	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 16:26	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 16:26	WG2359505
(S) Toluene-d8	*111*			*80.0-120*		*09/10/2024 16:26*	WG2359505

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	*100*			*77.0-126*		*09/10/2024 16:26*	WG2359505
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*09/10/2024 16:26*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	813		15.0	50.0	1	09/12/2024 23:08	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	346000		20000	1	09/08/2024 06:34	WG2357962
Free Carbon Dioxide	20400	T8	20000	1	09/08/2024 06:34	WG2357962

Sample Narrative:

L1775042-08 WG2357962: 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	623	T8	15.0	50.0	1	09/09/2024 16:00	WG2358785

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		100	200	2	09/11/2024 19:46	WG2359220

Sample Narrative:

L1775042-08 WG2359220: Dilution due to matrix

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	1120		50.0	100	2	09/11/2024 12:35	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1670000		5470	10000	10	09/10/2024 02:30	WG2357775
Sulfate	86200		6370	50000	10	09/10/2024 02:30	WG2357775

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)	39000		2040	20000	20	09/12/2024 12:41	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1440		18.0	100	1	09/12/2024 23:08	WG2360869
Manganese	24.3		0.934	10.0	1	09/12/2024 23:08	WG2360869
Sodium	971000		504	3000	1	09/12/2024 23:08	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3570		2.91	10.0	1	09/09/2024 19:34	WG2358369
Ethane	166		4.07	13.0	1	09/09/2024 19:34	WG2358369

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	09/09/2024 19:34	WG2358369

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 16:48	WG2359505
Benzene	8.49		0.0941	1.00	1	09/10/2024 16:48	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 16:48	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 16:48	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 16:48	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 16:48	WG2359505
Carbon disulfide	1.05		0.0962	1.00	1	09/10/2024 16:48	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 16:48	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 16:48	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 16:48	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 16:48	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 16:48	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 16:48	WG2359505
Cyclohexane	1.09		0.188	1.00	1	09/10/2024 16:48	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 16:48	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 16:48	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 16:48	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 16:48	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 16:48	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 16:48	WG2359505
1,1-Dichloroethane	0.484	J	0.100	1.00	1	09/10/2024 16:48	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 16:48	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 16:48	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 16:48	WG2359505
trans-1,2-Dichloroethene	6.97		0.149	1.00	1	09/10/2024 16:48	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 16:48	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 16:48	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 16:48	WG2359505
Ethylbenzene	5.75		0.137	1.00	1	09/10/2024 16:48	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 16:48	WG2359505
Isopropylbenzene	0.986	J	0.105	1.00	1	09/10/2024 16:48	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 16:48	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 16:48	WG2359505
Methyl Cyclohexane	1.34		0.660	1.00	1	09/10/2024 16:48	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 16:48	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 16:48	WG2359505
Methyl tert-butyl ether	182		0.101	1.00	1	09/10/2024 16:48	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 16:48	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 16:48	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 16:48	WG2359505
Toluene	0.303	J	0.278	1.00	1	09/10/2024 16:48	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 16:48	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 16:48	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 16:48	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 16:48	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 16:48	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 16:48	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 16:48	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 16:48	WG2359505
Xylenes, Total	0.302	J	0.174	3.00	1	09/10/2024 16:48	WG2359505
(S) Toluene-d8	*104*			*80.0-120*		*09/10/2024 16:48*	WG2359505

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	*94.8*			*77.0-126*		*09/10/2024 16:48*	WG2359505
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*09/10/2024 16:48*	WG2359505

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	09/12/2024 23:10	WG2360869

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	09/08/2024 06:40	WG2357962
Free Carbon Dioxide	ND	T8	20000	1	09/08/2024 06:40	WG2357962

Sample Narrative:

L1775042-09 WG2357962: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	U	T8	15.0	50.0	1	09/09/2024 16:00	WG2358785

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 19:47	WG2359220

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	09/11/2024 12:36	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2840	B P1	547	1000	1	09/09/2024 21:47	WG2357775
Sulfate	4200	J P1	637	5000	1	09/09/2024 21:47	WG2357775

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)	291	B J	102	1000	1	09/12/2024 12:58	WG2359258

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		18.0	100	1	09/12/2024 23:10	WG2360869
Manganese	U		0.934	10.0	1	09/12/2024 23:10	WG2360869
Sodium	U		504	3000	1	09/12/2024 23:10	WG2360869

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	09/09/2024 19:48	WG2358369
Ethane	U		4.07	13.0	1	09/09/2024 19:48	WG2358369
Ethene	U		4.26	13.0	1	09/09/2024 19:48	WG2358369

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/10/2024 13:06	WG2359505
Benzene	U		0.0941	1.00	1	09/10/2024 13:06	WG2359505
Bromochloromethane	U		0.128	1.00	1	09/10/2024 13:06	WG2359505
Bromodichloromethane	U		0.136	1.00	1	09/10/2024 13:06	WG2359505
Bromoform	U		0.129	1.00	1	09/10/2024 13:06	WG2359505
Bromomethane	U	C3	0.605	5.00	1	09/10/2024 13:06	WG2359505
Carbon disulfide	U		0.0962	1.00	1	09/10/2024 13:06	WG2359505
Carbon tetrachloride	U		0.128	1.00	1	09/10/2024 13:06	WG2359505
Chlorobenzene	U		0.116	1.00	1	09/10/2024 13:06	WG2359505
Chlorodibromomethane	U		0.140	1.00	1	09/10/2024 13:06	WG2359505
Chloroethane	U		0.192	5.00	1	09/10/2024 13:06	WG2359505
Chloroform	U		0.111	5.00	1	09/10/2024 13:06	WG2359505
Chloromethane	U		0.960	2.50	1	09/10/2024 13:06	WG2359505
Cyclohexane	U		0.188	1.00	1	09/10/2024 13:06	WG2359505
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/10/2024 13:06	WG2359505
1,2-Dibromoethane	U		0.126	1.00	1	09/10/2024 13:06	WG2359505
1,2-Dichlorobenzene	U		0.107	1.00	1	09/10/2024 13:06	WG2359505
1,3-Dichlorobenzene	U		0.110	1.00	1	09/10/2024 13:06	WG2359505
1,4-Dichlorobenzene	U		0.120	1.00	1	09/10/2024 13:06	WG2359505
Dichlorodifluoromethane	U		0.374	5.00	1	09/10/2024 13:06	WG2359505
1,1-Dichloroethane	U		0.100	1.00	1	09/10/2024 13:06	WG2359505
1,2-Dichloroethane	U		0.0819	1.00	1	09/10/2024 13:06	WG2359505
1,1-Dichloroethene	U		0.188	1.00	1	09/10/2024 13:06	WG2359505
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/10/2024 13:06	WG2359505
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/10/2024 13:06	WG2359505
1,2-Dichloropropane	U		0.149	1.00	1	09/10/2024 13:06	WG2359505
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/10/2024 13:06	WG2359505
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/10/2024 13:06	WG2359505
Ethylbenzene	U		0.137	1.00	1	09/10/2024 13:06	WG2359505
2-Hexanone	U		0.787	10.0	1	09/10/2024 13:06	WG2359505
Isopropylbenzene	U		0.105	1.00	1	09/10/2024 13:06	WG2359505
2-Butanone (MEK)	U		1.19	10.0	1	09/10/2024 13:06	WG2359505
Methyl Acetate	U		1.29	20.0	1	09/10/2024 13:06	WG2359505
Methyl Cyclohexane	U		0.660	1.00	1	09/10/2024 13:06	WG2359505
Methylene Chloride	U		0.430	5.00	1	09/10/2024 13:06	WG2359505
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/10/2024 13:06	WG2359505
Methyl tert-butyl ether	U		0.101	1.00	1	09/10/2024 13:06	WG2359505
Styrene	U		0.118	1.00	1	09/10/2024 13:06	WG2359505
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/10/2024 13:06	WG2359505
Tetrachloroethene	U		0.300	1.00	1	09/10/2024 13:06	WG2359505
Toluene	U		0.278	1.00	1	09/10/2024 13:06	WG2359505
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/10/2024 13:06	WG2359505
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/10/2024 13:06	WG2359505
1,1,1-Trichloroethane	U		0.149	1.00	1	09/10/2024 13:06	WG2359505
1,1,2-Trichloroethane	U		0.158	1.00	1	09/10/2024 13:06	WG2359505
Trichloroethene	U		0.190	1.00	1	09/10/2024 13:06	WG2359505
Trichlorofluoromethane	U		0.160	5.00	1	09/10/2024 13:06	WG2359505
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/10/2024 13:06	WG2359505
Vinyl chloride	U	J4	0.234	1.00	1	09/10/2024 13:06	WG2359505
Xylenes, Total	U		0.174	3.00	1	09/10/2024 13:06	WG2359505
(S) Toluene-d8	*110*			*80.0-120*		*09/10/2024 13:06*	WG2359505
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*09/10/2024 13:06*	WG2359505
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/10/2024 13:06*	WG2359505

Method Blank (MB)

(MB) R4116901-2 09/08/24 04:29

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

Sample Narrative:
BLANK: Endpoint pH 4.5

Method Blank (MB)

(MB) R4116901-3 09/08/24 04:29

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

Sample Narrative:
BLANK: Endpoint pH 4.5

L1774863-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1774863-03 09/08/24 04:36 • (DUP) R4116901-4 09/08/24 04:41

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Alkalinity	171000	170000	1	0.335		20

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

L1774863-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1774863-03 09/08/24 04:36 • (DUP) R4116901-5 09/08/24 04:41

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Free Carbon Dioxide	ND	ND	1	1.79		20

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

L1775042-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-06 09/08/24 06:19 • (DUP) R4116901-6 09/08/24 06:23

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	656000	653000	1	0.536		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

L1775042-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-06 09/08/24 06:19 • (DUP) R4116901-7 09/08/24 06:23

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	102000	98700	1	2.84		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4116901-1 09/08/24 04:22

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) R4116810-2 09/07/24 09:03

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

Sample Narrative:
BLANK: Endpoint pH 4.5

Method Blank (MB)

(MB) R4116810-3 09/07/24 09:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	11600	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1774795-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1774795-01 09/07/24 09:12 • (DUP) R4116810-4 09/07/24 09:18

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	484000	483000	1	0.0764		20

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

L1774795-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1774795-01 09/07/24 09:12 • (DUP) R4116810-5 09/07/24 09:18

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	71800	67500	1	6.09		20

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

L1775042-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-01 09/07/24 11:13 • (DUP) R4116810-6 09/07/24 11:17

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	313000	317000	1	1.27		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

L1775042-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-01 09/07/24 11:13 • (DUP) R4116810-7 09/07/24 11:17

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	65100	66300	1	1.76		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4116810-1 09/07/24 08:54

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) R4117330-1 09/09/24 15:52

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

L1774839-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1774839-02 09/09/24 15:53 • (DUP) R4117330-5 09/09/24 15:53

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ferrous Iron	392	391	1	0.255		20

L1775042-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-09 09/09/24 16:00 • (DUP) R4117330-6 09/09/24 16:00

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) R4117330-2 09/09/24 15:52

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	1080	108	85.0-115	

L1774839-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774839-01 09/09/24 15:53 • (MS) R4117330-3 09/09/24 15:53 • (MSD) R4117330-4 09/09/24 15:53

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ferrous Iron	1000	U	1000	1010	100	101	1	80.0-120			0.597	20

Method Blank (MB)

(MB) R4117884-1 09/10/24 15:08

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

L1774972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1774972-01 09/10/24 15:10 • (DUP) R4117884-3 09/10/24 15:12

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	1530	1490	1	2.65		20

L1775178-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1775178-10 09/10/24 15:44 • (DUP) R4117884-6 09/10/24 15:45

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	866	870	1	0.461		20

Laboratory Control Sample (LCS)

(LCS) R4117884-2 09/10/24 15:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2530	101	90.0-110	

L1774972-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774972-01 09/10/24 15:10 • (MS) R4117884-4 09/10/24 15:13 • (MSD) R4117884-5 09/10/24 15:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	2500	1530	4110	3830	103	92.0	1	90.0-110			7.05	20

L1775178-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1775178-10 09/10/24 15:44 • (MS) R4117884-7 09/10/24 15:46

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	866	3440	103	1	90.0-110	

Method Blank (MB)

(MB) R4118730-1 09/11/24 19:24

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

L1773832-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1773832-03 09/11/24 19:28 • (DUP) R4118730-3 09/11/24 19:29

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	U	57.9	1	200	J P1	20

L1774341-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1774341-02 09/11/24 19:33 • (DUP) R4118730-4 09/11/24 19:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	1940	1950	1	0.514		20

Laboratory Control Sample (LCS)

(LCS) R4118730-2 09/11/24 19:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2540	102	90.0-110	

L1774341-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1774341-02 09/11/24 19:33 • (MS) R4118730-5 09/11/24 19:39

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	1940	4460	101	1	90.0-110	

L1773832-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1773832-03 09/11/24 19:28 • (MS) R4118730-6 09/11/24 20:11 • (MSD) R4118730-7 09/11/24 20:13

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	2400	2520	96.0	101	1	90.0-110			4.88	20

Method Blank (MB)

(MB) R4116930-1 09/08/24 11:56

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

L1774896-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1774896-02 09/08/24 12:00 • (DUP) R4116930-5 09/08/24 12:00

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	47.0	50.0	1	6.19		20

L1775113-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1775113-03 09/08/24 12:24 • (DUP) R4116930-6 09/08/24 12:25

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

Laboratory Control Sample (LCS)

(LCS) R4116930-2 09/08/24 11:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	500	546	109	85.0-115	

L1774896-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774896-01 09/08/24 11:57 • (MS) R4116930-3 09/08/24 12:00 • (MSD) R4116930-4 09/08/24 12:00

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	70.0	630	631	112	112	1	80.0-120			0.159	20

Method Blank (MB)

(MB) R4118337-1 09/11/24 12:34

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

L1775042-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-07 09/11/24 12:35 • (DUP) R4118337-5 09/11/24 12:35

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) R4118337-2 09/11/24 12:34

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	523	105	85.0-115	

L1775042-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775042-06 09/11/24 12:34 • (MS) R4118337-3 09/11/24 12:35 • (MSD) R4118337-4 09/11/24 12:35

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	34.0	483	491	89.8	91.4	1	80.0-120			1.64	20

Method Blank (MB)

(MB) R4119476-1 09/09/24 20:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	566	J	547	1000
Sulfate	U		637	5000

L1775042-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-09 09/09/24 21:47 • (DUP) R4119476-3 09/09/24 22:01

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	2840	U	1	200	P1	15
Sulfate	4200	U	1	200	P1	15

L1775129-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775129-01 09/09/24 22:41 • (DUP) R4119476-6 09/09/24 22:55

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	43000	41800	1	2.89		15
Sulfate	8940	8610	1	3.76		15

Laboratory Control Sample (LCS)

(LCS) R4119476-2 09/09/24 20:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	37900	94.7	80.0-120	
Sulfate	40000	37300	93.4	80.0-120	

L1775042-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775042-09 09/09/24 21:47 • (MS) R4119476-4 09/09/24 22:14 • (MSD) R4119476-5 09/09/24 22:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	40000	4200	39400	43100	88.0	97.1	1	80.0-120			8.90	15

L1775129-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1775129-01 09/09/24 22:41 • (MS) R4119476-7 09/09/24 23:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	43000	72500	73.7	1	80.0-120	J6
Sulfate	40000	8940	45900	92.4	1	80.0-120	

Method Blank (MB)

(MB) R4119366-2 09/11/24 23:30

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

L1775042-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-02 09/12/24 10:13 • (DUP) R4119366-5 09/12/24 10:35

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	11700	11500	1	1.38		20

Laboratory Control Sample (LCS)

(LCS) R4119366-1 09/11/24 23:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	22900	91.6	85.0-115	

L1775042-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775042-01 09/12/24 09:09 • (MS) R4119366-3 09/12/24 09:30 • (MSD) R4119366-4 09/12/24 09:51

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 %
TOC (Total Organic Carbon)	25000	6830	28800	29600	87.8	91.0	1	85.0-115			2.74	20

Method Blank (MB)

(MB) R4119335-1 09/12/24 22:36

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) R4119335-2 09/12/24 22:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	8650	86.5	80.0-120	
Manganese	1000	886	88.6	80.0-120	
Sodium	10000	9140	91.4	80.0-120	

L1774495-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774495-01 09/12/24 22:40 • (MS) R4119335-4 09/12/24 22:43 • (MSD) R4119335-5 09/12/24 22:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	15100	32500	38300	174	232	1	75.0-125	J5	J5	16.2	20
Manganese	1000	688	1850	2020	116	133	1	75.0-125		J5	9.10	20
Sodium	10000	317000	319000	319000	20.9	18.5	1	75.0-125	V	V	0.0753	20

Method Blank (MB)

(MB) R4117722-2 09/10/24 08:59

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

L1774903-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1774903-07 09/10/24 09:56 • (DUP) R4117722-3 09/10/24 11:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	80.2	74.2	1	7.77		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1775042-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-04 09/10/24 11:32 • (DUP) R4117722-4 09/10/24 12:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	1540	1520	1	1.31		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) R4117722-1 09/10/24 08:55 • (LCSD) R4117722-5 09/10/24 12:38

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	66.2	62.3	97.6	91.9	85.0-115			6.07	20
Ethane	129	123	116	95.3	89.9	85.0-115			5.86	20
Ethene	127	123	116	96.9	91.3	85.0-115			5.86	20

Method Blank (MB)

(MB) R4117480-2 09/09/24 19:27

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

L1775042-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-09 09/09/24 19:48 • (DUP) R4117480-3 09/09/24 22:21

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

L1775430-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1775430-09 09/09/24 22:49 • (DUP) R4117480-4 09/09/24 23:39

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) R4117480-1 09/09/24 19:17 • (LCSD) R4117480-5 09/09/24 23:42

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	61.1	64.5	90.1	95.1	85.0-115			5.41	20
Ethane	129	114	117	88.4	90.7	85.0-115			2.60	20
Ethene	127	114	117	89.8	92.1	85.0-115			2.60	20

Method Blank (MB)

(MB) R4117929-2 09/10/24 15:57

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

L1774903-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1774903-05 09/10/24 16:05 • (DUP) R4117929-3 09/10/24 16:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	18600	18300	10	1.63		20

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

(LCS) R4117929-1 09/10/24 15:52 • (LCSD) R4117929-4 09/10/24 16:31

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	59.6	61.7	87.9	91.0	85.0-115			3.46	20

Method Blank (MB)

(MB) R4119252-3 09/10/24 12:43

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) R4119252-3 09/10/24 12:43

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	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R4119252-1 09/10/24 11:37 • (LCSD) R4119252-2 09/10/24 11:59

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	28.4	30.5	114	122	19.0-160	J	J	7.13	27
Benzene	5.00	5.00	5.17	100	103	70.0-123			3.34	20
Bromochloromethane	5.00	5.17	5.47	103	109	76.0-122			5.64	20
Bromodichloromethane	5.00	5.12	5.22	102	104	75.0-120			1.93	20
Bromoform	5.00	4.48	4.53	89.6	90.6	68.0-132			1.11	20
Bromomethane	5.00	3.93	4.66	78.6	93.2	10.0-160	J	J	17.0	25
Carbon disulfide	5.00	4.71	4.88	94.2	97.6	61.0-128			3.55	20
Carbon tetrachloride	5.00	4.86	5.38	97.2	108	68.0-126			10.2	20
Chlorobenzene	5.00	5.03	5.18	101	104	80.0-121			2.94	20
Chlorodibromomethane	5.00	4.75	4.78	95.0	95.6	77.0-125			0.630	20
Chloroethane	5.00	6.00	6.08	120	122	47.0-150			1.32	20
Chloroform	5.00	5.23	5.43	105	109	73.0-120			3.75	20
Chloromethane	5.00	4.23	4.60	84.6	92.0	41.0-142			8.38	20
Cyclohexane	5.00	4.92	4.81	98.4	96.2	71.0-124			2.26	20
1,2-Dibromo-3-Chloropropane	5.00	3.52	3.74	70.4	74.8	58.0-134	J	J	6.06	20
1,2-Dibromoethane	5.00	5.05	5.02	101	100	80.0-122			0.596	20
1,2-Dichlorobenzene	5.00	4.60	5.35	92.0	107	79.0-121			15.1	20
1,3-Dichlorobenzene	5.00	4.42	5.24	88.4	105	79.0-120			17.0	20
1,4-Dichlorobenzene	5.00	4.59	5.44	91.8	109	79.0-120			16.9	20
Dichlorodifluoromethane	5.00	4.97	4.41	99.4	88.2	51.0-149	J	J	11.9	20

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

(LCS) R4119252-1 09/10/24 11:37 • (LCSD) R4119252-2 09/10/24 11:59

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	5.21	5.17	104	103	70.0-126			0.771	20
1,2-Dichloroethane	5.00	5.43	5.46	109	109	70.0-128			0.551	20
1,1-Dichloroethene	5.00	4.85	5.20	97.0	104	71.0-124			6.97	20
cis-1,2-Dichloroethene	5.00	4.88	4.69	97.6	93.8	73.0-120			3.97	20
trans-1,2-Dichloroethene	5.00	4.88	5.02	97.6	100	73.0-120			2.83	20
1,2-Dichloropropane	5.00	4.86	4.90	97.2	98.0	77.0-125			0.820	20
cis-1,3-Dichloropropene	5.00	4.94	5.00	98.8	100	80.0-123			1.21	20
trans-1,3-Dichloropropene	5.00	4.85	4.94	97.0	98.8	78.0-124			1.84	20
Ethylbenzene	5.00	4.80	5.06	96.0	101	79.0-123			5.27	20
2-Hexanone	25.0	24.1	23.9	96.4	95.6	67.0-149			0.833	20
Isopropylbenzene	5.00	4.72	5.06	94.4	101	76.0-127			6.95	20
2-Butanone (MEK)	25.0	29.8	28.4	119	114	44.0-160			4.81	20
Methyl Acetate	25.0	33.4	32.5	134	130	57.0-148			2.73	20
Methyl Cyclohexane	5.00	4.89	4.35	97.8	87.0	68.0-126			11.7	20
Methylene Chloride	5.00	4.96	4.90	99.2	98.0	67.0-120	J	J	1.22	20
4-Methyl-2-pentanone (MIBK)	25.0	27.7	27.2	111	109	68.0-142			1.82	20
Methyl tert-butyl ether	5.00	4.97	4.91	99.4	98.2	68.0-125			1.21	20
Styrene	5.00	4.25	4.53	85.0	90.6	73.0-130			6.38	20
1,1,2,2-Tetrachloroethane	5.00	5.38	5.63	108	113	65.0-130			4.54	20
Tetrachloroethene	5.00	4.67	5.07	93.4	101	72.0-132			8.21	20
Toluene	5.00	5.07	5.05	101	101	79.0-120			0.395	20
1,2,3-Trichlorobenzene	5.00	3.73	4.38	74.6	87.6	50.0-138			16.0	20
1,2,4-Trichlorobenzene	5.00	3.65	4.07	73.0	81.4	57.0-137			10.9	20
1,1,1-Trichloroethane	5.00	4.88	5.41	97.6	108	73.0-124			10.3	20
1,1,2-Trichloroethane	5.00	5.08	5.26	102	105	80.0-120			3.48	20
Trichloroethene	5.00	4.81	5.12	96.2	102	78.0-124			6.24	20
Trichlorofluoromethane	5.00	6.04	6.21	121	124	59.0-147			2.78	20
1,1,2-Trichlorotrifluoroethane	5.00	5.33	4.72	107	94.4	69.0-132			12.1	20
Vinyl chloride	5.00	6.08	6.75	122	135	67.0-131		J4	10.4	20
Xylenes, Total	15.0	14.1	15.2	94.0	101	79.0-123			7.51	20
(S) Toluene-d8				*108*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.9*	*97.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*101*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
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	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Arcadis - Chevron - NY

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace® PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

Report to: **Alex Newbrough**

Email To: alex.newbrough@arcadis.com;jordan.gamble@

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

City/State Collected: Oceanside, NY

Please Circle: PT MT CT ET

Phone: 724-934-9532

Client Project # 30062947.19.45

Lab Project # CHEVARCNY-6518040

SDG # L1775047 D164

Collected by (print): Alec Fedele

Site/Facility ID # 6518040

P.O. #

Acctnum: CHEVARCNY
Template: T182105
Prelogin: P1097787
PM: 526 - Chris McCord
PB: mv 8/29/24
Shipped Via: FedEX Ground

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3 (N)	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4 (N)	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
MW-27-D2-W-		GW				11	X	X	X	X	X	X	X	X				—
MW-28-D2R-W-240904	G	GW	—	9/4/24	2355	11	X	X	X	X	X	X	X	X				-01
MW-24-D2-W-		GW				11	X	X	X	X	X	X	X	X				
MW-24-VDR-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-15-VD-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-7R-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-14-VD-W-240905	G	GW	—	9/5/24	0050	11	X	X	X	X	X	X	X	X				-02
AMW-14-D2-W-240905	G	GW	—	9/5/24	0115	11	X	X	X	X	X	X	X	X				-03
MW-28-D1-W-240904	G	GW	—	9/4/24	2340	11	X	X	X	X	X	X	X	X				-04
MW-26-D2-W-		GW				11	X	X	X	X	X	X	X	X				

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

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking #

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)		
[signature]	9/5/24	1200		Trip Blank Received: (Yes) / No (HCL) / MeoH TBR	2
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 99	If preservation required by Login: Date/Time PH-10BDH0941 TRC-3227431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Deyanh	Date: 9.6.24 Time: 0900	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:
Alex Newbrough

Email To:
alex.newbrough@arcadis.com;jordan.gamble@

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: Oceanside, NY

Please Circle: PT MT CT ET

Phone: 724 934-9532

Client Project #
30062947.19.45

Lab Project #
CHEVARCNY-6518040

Collected by (print): Alec Fedele

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

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			
MW-23-D2R-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-15-D2-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-15-D3-W-		GW				11	X	X	X	X	X	X	X	X				
MW-23-D1R-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-15-D1-W-		GW				11	X	X	X	X	X	X	X	X				
MW-27-D1R-W- 240905	G	GW	-	9/5/24	0025	11	X	X	X	X	X	X	X	X				-05
MW-26-D1-W- 240904	G	GW	-	9/4/24	2320	11	X	X	X	X	X	X	X	X				-06
MW-29-D1-W- 240904	G	GW	-	9/4/24	2250	11	X	X	X	X	X	X	X	X				-07
AMW-14-D1-W- 240905	G	GW	-	9/5/24	0015	11	X	X	X	X	X	X	X	X				-08
MW-24-D1R-W-		GW				11	X	X	X	X	X	X	X	X				

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	9/5/24	1200	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Deyang

Trip Blank Received: (Yes) / No
HCl / MeoH
TBR
2

Temp: °C Bottles Received: 99

Date: 9.6.24 Time: 0900

Hold:

Condition: NCF / OK

If preservation required by Login: Date/Time

Sample Receipt Checklist

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

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1275042

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1097787**
PM: **526 - Chris McCord**
PB: mv 8/29/24
Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)

Company Name/Address:
Arcadis - Chevron - NY

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

Pres Chk

Report to:
Alex Newbrough

Email To:
alex.newbrough@arcadis.com;jordan.gamble@

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: Oceanside, NY

Please Circle: PT MT CT ET

Phone: 724-934-9532

Client Project #
30062947.19.45

Lab Project #
CHEVARCNY-6518040

Collected by (print): Alec Fedele

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

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			
MW-18R-W-		GW				11	X	X	X	X	X	X	X	X				
BD-W-		GW				11	X	X	X	X	X	X	X	X				
FB-W- 240905	G	GW	—	9/5/24	0130	11	X	X	X	X	X	X	X	X				01
FB-W-		GW				11	X	X	X	X	X	X	X	X				
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-		GW				1									X			
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)
	9/5/24	1200	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Dayana

Trip Blank Received: Yes / No (HCL / MeoH TBR) 2

Temp: °C Bottles Received: 99

Date: 9.6.24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1758[illegible]

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1097787**
PM: **526 - Chris McCord**
PB: mv 8/29/24
Shipped Via: **FedEx Ground**

Remarks	Sample # (lab only)

Fed Ex tracking #	Gun ID	Temperature
4041 0478 9259	TLA9	4.6 to.3 = 4.9
4041 0478 9260	TLA9	2.6 to.3 = 2.9

DeryanG
Name

9.6.24
Date

L1775042

ANALYTICAL REPORT

September 19, 2024

Arcadis - Chevron - NY

Sample Delivery Group:	L1775578
Samples Received:	09/07/2024
Project Number:	30062947.19.45
Description:	POD 4 - Oceanside 6518040
Site:	6518040
Report To:	Alex Newbrough

Entire Report Reviewed By:

Chris McCord
Project Manager

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

TABLE OF CONTENTS

MW-27-D2-W-240905 L1775578-01 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:55 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 22:24	09/12/24 22:24	RDS	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 11:26	09/10/24 11:26	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 11:26	09/10/24 11:26	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	5	09/09/24 17:26	09/09/24 17:26	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 19:48	09/11/24 19:48	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:37	09/11/24 12:37	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/10/24 18:41	09/10/24 18:41	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 08:24	09/13/24 08:24	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 22:24	RDS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:47	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 21:53	09/10/24 21:53	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 19:20	09/13/24 19:20	ACG	Mt. Juliet, TN

MW-24-D2-W-240905 L1775578-02 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:00 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2360869	1	09/12/24 22:25	09/12/24 22:25	RDS	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 12:50	09/10/24 12:50	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 12:50	09/10/24 12:50	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:27	09/09/24 17:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	5	09/11/24 19:50	09/11/24 19:50	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:37	09/11/24 12:37	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	10	09/10/24 18:55	09/10/24 18:55	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/10/24 19:10	09/10/24 19:10	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 08:47	09/13/24 08:47	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	1	09/12/24 13:06	09/12/24 22:25	RDS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2360869	5	09/12/24 13:06	09/13/24 11:48	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:00	09/10/24 22:00	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 19:38	09/13/24 19:38	ACG	Mt. Juliet, TN

MW-24-VDR-W-240905 L1775578-03 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:05 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:27	09/15/24 16:27	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 12:56	09/10/24 12:56	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 12:56	09/10/24 12:56	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	25	09/09/24 17:27	09/09/24 17:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 19:51	09/11/24 19:51	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:37	09/11/24 12:37	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/10/24 19:23	09/10/24 19:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 09:10	09/13/24 09:10	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:27	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	20	09/14/24 15:51	09/15/24 20:03	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:04	09/10/24 22:04	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 19:57	09/13/24 19:57	ACG	Mt. Juliet, TN

AMW-15-VD-W-240905 L1775578-04 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 21:45 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:30	09/15/24 16:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 13:00	09/10/24 13:00	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 13:00	09/10/24 13:00	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:28	09/09/24 17:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 19:56	09/11/24 19:56	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:38	09/11/24 12:38	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	1	09/10/24 19:37	09/10/24 19:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 09:29	09/13/24 09:29	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:30	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:09	09/10/24 22:09	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 20:15	09/13/24 20:15	ACG	Mt. Juliet, TN

AMW-7R-W-240905 L1775578-05 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 20:50 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:33	09/15/24 16:33	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 13:06	09/10/24 13:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 13:06	09/10/24 13:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:28	09/09/24 17:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 19:57	09/11/24 19:57	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:38	09/11/24 12:38	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	1	09/10/24 20:31	09/10/24 20:31	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 09:56	09/13/24 09:56	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:33	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:22	09/10/24 22:22	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 20:34	09/13/24 20:34	ACG	Mt. Juliet, TN

AMW-15-D2-W-240905 L1775578-06 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 21:40 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:35	09/15/24 16:35	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 13:12	09/10/24 13:12	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 13:12	09/10/24 13:12	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:28	09/09/24 17:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	5	09/11/24 19:59	09/11/24 19:59	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:38	09/11/24 12:38	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	10	09/10/24 20:45	09/10/24 20:45	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/10/24 21:25	09/10/24 21:25	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2361062	1	09/13/24 10:21	09/13/24 10:21	SJF	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:35	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	5	09/14/24 15:51	09/15/24 20:05	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:29	09/10/24 22:29	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 20:53	09/13/24 20:53	ACG	Mt. Juliet, TN

AMW-15-D3-W-240905 L1775578-07 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 22:10 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:44	09/15/24 16:44	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 13:16	09/10/24 13:16	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 13:16	09/10/24 13:16	BJM	Mt. Juliet, TN

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

AMW-15-D3-W-240905 L1775578-07 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 22:10 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3500Fe B-2011	WG2358788	5	09/09/24 17:29	09/09/24 17:29	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	5	09/11/24 20:00	09/11/24 20:00	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:38	09/11/24 12:38	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/10/24 21:39	09/10/24 21:39	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 18:46	09/15/24 18:46	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:44	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	10	09/14/24 15:51	09/15/24 20:07	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359803	1	09/10/24 22:33	09/10/24 22:33	KHM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 21:11	09/13/24 21:11	ACG	Mt. Juliet, TN

MW-23-D1R-W-240905 L1775578-08 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 21:15 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:47	09/15/24 16:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 13:48	09/10/24 13:48	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 13:48	09/10/24 13:48	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:30	09/09/24 17:30	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 20:01	09/11/24 20:01	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	2	09/11/24 12:39	09/11/24 12:39	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	20	09/10/24 22:06	09/10/24 22:06	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	5	09/10/24 21:52	09/10/24 21:52	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 19:34	09/15/24 19:34	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:47	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	5	09/14/24 15:51	09/15/24 20:08	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:14	09/11/24 09:14	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 21:30	09/13/24 21:30	ACG	Mt. Juliet, TN

AMW-15-D1-W-240905 L1775578-09 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 22:05 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:50	09/15/24 16:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 14:01	09/10/24 14:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 14:01	09/10/24 14:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:30	09/09/24 17:30	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 20:02	09/11/24 20:02	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:39	09/11/24 12:39	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	20	09/10/24 22:33	09/10/24 22:33	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	5	09/10/24 22:19	09/10/24 22:19	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 19:59	09/15/24 19:59	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:50	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	5	09/14/24 15:51	09/15/24 20:10	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:26	09/11/24 09:26	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362406	1	09/14/24 07:03	09/14/24 07:03	JAH	Mt. Juliet, TN

MW-24-D1R-W-240905 L1775578-10 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:25 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:52	09/15/24 16:52	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 14:06	09/10/24 14:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 14:06	09/10/24 14:06	BJM	Mt. Juliet, TN

MW-24-D1R-W-240905 L1775578-10 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:25 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:30	09/09/24 17:30	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	5	09/11/24 20:04	09/11/24 20:04	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:39	09/11/24 12:39	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	20	09/10/24 23:00	09/10/24 23:00	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	5	09/10/24 22:46	09/10/24 22:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 20:25	09/15/24 20:25	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:52	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	5	09/14/24 15:51	09/15/24 20:12	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:32	09/11/24 09:32	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2363523	5	09/17/24 12:48	09/17/24 12:48	ADM	Mt. Juliet, TN

MW-18R-W-240905 L1775578-11 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 20:00 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:55	09/15/24 16:55	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2358591	1	09/10/24 14:11	09/10/24 14:11	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2358591	1	09/10/24 14:11	09/10/24 14:11	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	10	09/09/24 17:31	09/09/24 17:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 20:05	09/11/24 20:05	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:39	09/11/24 12:39	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	10	09/10/24 23:13	09/10/24 23:13	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 20:50	09/15/24 20:50	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:55	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:37	09/11/24 09:37	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362406	1	09/14/24 07:22	09/14/24 07:22	JAH	Mt. Juliet, TN

BD-W-240905 L1775578-12 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:00 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 16:58	09/15/24 16:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2362887	1	09/15/24 09:18	09/15/24 09:18	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2362887	1	09/15/24 09:18	09/15/24 09:18	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:31	09/09/24 17:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2359220	1	09/11/24 20:06	09/11/24 20:06	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:40	09/11/24 12:40	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	10	09/10/24 23:27	09/10/24 23:27	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	100	09/11/24 00:07	09/11/24 00:07	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 21:16	09/15/24 21:16	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 16:58	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	5	09/14/24 15:51	09/15/24 20:13	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:44	09/11/24 09:44	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2363523	5	09/17/24 13:09	09/17/24 13:09	ADM	Mt. Juliet, TN

FB-W-240905 L1775578-13 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:55 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2362195	1	09/15/24 17:01	09/15/24 17:01	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2362887	1	09/15/24 09:13	09/15/24 09:13	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2362887	1	09/15/24 09:13	09/15/24 09:13	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2358788	1	09/09/24 17:31	09/09/24 17:31	SJA	Mt. Juliet, TN

FB-W-240905 L1775578-13 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 23:55 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 353.2	WG2359226	1	09/11/24 22:19	09/11/24 22:19	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2360190	1	09/11/24 12:40	09/11/24 12:40	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2358702	1	09/11/24 00:21	09/11/24 00:21	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2362984	1	09/15/24 21:35	09/15/24 21:35	TMH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2362195	1	09/14/24 15:51	09/15/24 17:01	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2359812	1	09/11/24 09:50	09/11/24 09:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 18:42	09/13/24 18:42	ACG	Mt. Juliet, TN

TB-1-W-240905 L1775578-14 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:00 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 17:27	09/13/24 17:27	ACG	Mt. Juliet, TN

TB-2-W-240905 L1775578-15 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:00 | Received date/time: 09/07/24 09:00

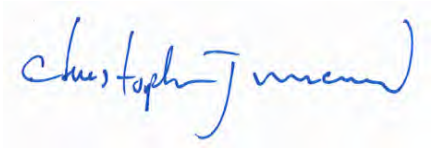
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 17:46	09/13/24 17:46	ACG	Mt. Juliet, TN

TB-3-W-240905 L1775578-16 GW

Collected by: Alec Fedele | Collected date/time: 09/05/24 00:00 | Received date/time: 09/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2362031	1	09/13/24 18:05	09/13/24 18:05	ACG	Mt. Juliet, TN

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



Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2358591	4500CO2 D-2011	L1775578-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11
WG2358788	3500Fe B-2011	L1775578-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13
WG2362887	4500CO2 D-2011	L1775578-12, 13

The laboratory analysis was performed from an unpreserved, insufficiently or inadequately preserved sample.

Batch	Method	Lab Sample ID
WG2360190	4500S2 D-2011	L1775578-01, 03, 07

Wet Chemistry by Method 353.2

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

Batch	Lab Sample ID	Analytes
WG2359226	(MS) R4118731-6	Nitrate-Nitrite

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

Batch	Lab Sample ID	Analytes
WG2359220	(DUP) R4118730-3	Nitrate-Nitrite

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

Batch	Lab Sample ID	Analytes
WG2359226	(MS) R4118731-3, (MSD) R4118731-4	Nitrate-Nitrite

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
WG2358702	(MS) R4120192-4, (MSD) R4120192-5, L1775578-04	Chloride

Wet Chemistry by Method 9060A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2361062	TOC (Total Organic Carbon)	L1775578-04

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2360869	(MS) R4119335-4, (MSD) R4119335-5	Iron and Manganese

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

Batch	Lab Sample ID	Analytes
WG2360869	(MS) R4119335-4, (MSD) R4119335-5	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
WG2362031	L1775578-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-08	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-13	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-14	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-15	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362031	L1775578-16	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane and Carbon disulfide
WG2362406	L1775578-09	Carbon disulfide and Dichlorodifluoromethane
WG2362406	L1775578-11	Carbon disulfide and Dichlorodifluoromethane

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

Batch	Lab Sample ID	Analytes
WG2362031	(LCSD) R4120310-3, L1775578-01, 02, 03, 04, 05, 06, 07, 08, 13, 14, 15, 16	Carbon disulfide

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

Batch	Lab Sample ID	Analytes
WG2362031	(LCS) R4120310-1, (LCSD) R4120310-3, L1775578-01, 02, 03, 04, 05, 06, 07, 08, 13, 14, 15, 16	Chloromethane

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

Batch	Lab Sample ID	Analytes
WG2362031	(LCSD) R4120310-3, L1775578-01, 02, 03, 04, 05, 06, 07, 08, 13, 14, 15, 16	Carbon disulfide

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	6490		18.0	100	1	09/12/2024 22:24	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	325000		20000	1	09/10/2024 11:26	WG2358591
Free Carbon Dioxide	136000	T8	20000	1	09/10/2024 11:26	WG2358591

Sample Narrative:

L1775578-01 WG2358591: 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	2560	T8	75.0	250	5	09/09/2024 17:26	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 19:48	WG2359220

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	09/11/2024 12:37	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	7860000		54700	100000	100	09/10/2024 18:41	WG2358702
Sulfate	846000		63700	500000	100	09/10/2024 18:41	WG2358702

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)	6350		102	1000	1	09/13/2024 08:24	WG2361062

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9060		18.0	100	1	09/12/2024 22:24	WG2360869
Manganese	1420		0.934	10.0	1	09/12/2024 22:24	WG2360869
Sodium	4030000		2520	15000	5	09/13/2024 11:47	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	551		2.91	10.0	1	09/10/2024 21:53	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 21:53	WG2359803
Ethene	U		4.26	13.0	1	09/10/2024 21:53	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 19:20	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 19:20	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 19:20	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 19:20	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 19:20	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 19:20	WG2362031
Carbon disulfide	U	C3 J3 J4	0.0962	1.00	1	09/13/2024 19:20	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 19:20	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 19:20	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 19:20	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 19:20	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 19:20	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 19:20	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 19:20	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 19:20	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 19:20	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 19:20	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 19:20	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 19:20	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 19:20	WG2362031
1,1-Dichloroethane	0.385	J	0.100	1.00	1	09/13/2024 19:20	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 19:20	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 19:20	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 19:20	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 19:20	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 19:20	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 19:20	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 19:20	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 19:20	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 19:20	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 19:20	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 19:20	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 19:20	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 19:20	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 19:20	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 19:20	WG2362031
Methyl tert-butyl ether	0.463	J	0.101	1.00	1	09/13/2024 19:20	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 19:20	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 19:20	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 19:20	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 19:20	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 19:20	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 19:20	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 19:20	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 19:20	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 19:20	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 19:20	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 19:20	WG2362031
Vinyl chloride	0.265	J	0.234	1.00	1	09/13/2024 19:20	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 19:20	WG2362031
(S) Toluene-d8	*103*			*80.0-120*		*09/13/2024 19:20*	WG2362031
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*09/13/2024 19:20*	WG2362031
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/13/2024 19:20*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	387		15.0	50.0	1	09/12/2024 22:25	WG2360869

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	775000		20000	1	09/10/2024 12:50	WG2358591
Free Carbon Dioxide	78900	B T8	20000	1	09/10/2024 12:50	WG2358591

Sample Narrative:

L1775578-02 WG2358591: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	1540	T8	15.0	50.0	1	09/09/2024 17:27	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		250	500	5	09/11/2024 19:50	WG2359220

Sample Narrative:

L1775578-02 WG2359220: Dilution due to matrix

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	56.0		25.0	50.0	1	09/11/2024 12:37	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	3630000		54700	100000	100	09/10/2024 19:10	WG2358702
Sulfate	120000		6370	50000	10	09/10/2024 18:55	WG2358702

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)	15800		102	1000	1	09/13/2024 08:47	WG2361062

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	09/12/2024 22:25	WG2360869
Manganese	63.4		0.934	10.0	1	09/12/2024 22:25	WG2360869
Sodium	2120000		2520	15000	5	09/13/2024 11:48	WG2360869

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1460		2.91	10.0	1	09/10/2024 22:00	WG2359803
Ethane	6.38	J	4.07	13.0	1	09/10/2024 22:00	WG2359803

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	09/10/2024 22:00	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 19:38	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 19:38	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 19:38	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 19:38	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 19:38	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 19:38	WG2362031
Carbon disulfide	1.42	C3 J3 J4	0.0962	1.00	1	09/13/2024 19:38	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 19:38	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 19:38	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 19:38	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 19:38	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 19:38	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 19:38	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 19:38	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 19:38	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 19:38	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 19:38	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 19:38	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 19:38	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 19:38	WG2362031
1,1-Dichloroethane	0.151	J	0.100	1.00	1	09/13/2024 19:38	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 19:38	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 19:38	WG2362031
cis-1,2-Dichloroethene	0.160	J	0.126	1.00	1	09/13/2024 19:38	WG2362031
trans-1,2-Dichloroethene	0.196	J	0.149	1.00	1	09/13/2024 19:38	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 19:38	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 19:38	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 19:38	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 19:38	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 19:38	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 19:38	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 19:38	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 19:38	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 19:38	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 19:38	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 19:38	WG2362031
Methyl tert-butyl ether	38.4		0.101	1.00	1	09/13/2024 19:38	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 19:38	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 19:38	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 19:38	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 19:38	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 19:38	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 19:38	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 19:38	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 19:38	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 19:38	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 19:38	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 19:38	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 19:38	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 19:38	WG2362031
(S) Toluene-d8	*104*			*80.0-120*		*09/13/2024 19:38*	WG2362031

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	*93.3*			*77.0-126*		*09/13/2024 19:38*	WG2362031
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*09/13/2024 19:38*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	12400		18.0	100	1	09/15/2024 16:27	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	530000		20000	1	09/10/2024 12:56	WG2358591
Free Carbon Dioxide	135000	T8	20000	1	09/10/2024 12:56	WG2358591

Sample Narrative:

L1775578-03 WG2358591: 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	22300	T8	375	1250	25	09/09/2024 17:27	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 19:51	WG2359220

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	09/11/2024 12:37	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	15400000		54700	100000	100	09/10/2024 19:23	WG2358702
Sulfate	1580000		63700	500000	100	09/10/2024 19:23	WG2358702

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5940		102	1000	1	09/13/2024 09:10	WG2361062

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	34700		18.0	100	1	09/15/2024 16:27	WG2362195
Manganese	453		0.934	10.0	1	09/15/2024 16:27	WG2362195
Sodium	7870000		10100	60000	20	09/15/2024 20:03	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	18.3		2.91	10.0	1	09/10/2024 22:04	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 22:04	WG2359803
Ethene	U		4.26	13.0	1	09/10/2024 22:04	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 19:57	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 19:57	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 19:57	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 19:57	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 19:57	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 19:57	WG2362031
Carbon disulfide	3.84	C3 J3 J4	0.0962	1.00	1	09/13/2024 19:57	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 19:57	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 19:57	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 19:57	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 19:57	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 19:57	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 19:57	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 19:57	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 19:57	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 19:57	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 19:57	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 19:57	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 19:57	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 19:57	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 19:57	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 19:57	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 19:57	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 19:57	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 19:57	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 19:57	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 19:57	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 19:57	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 19:57	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 19:57	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 19:57	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 19:57	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 19:57	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 19:57	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 19:57	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 19:57	WG2362031
Methyl tert-butyl ether	1.10		0.101	1.00	1	09/13/2024 19:57	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 19:57	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 19:57	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 19:57	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 19:57	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 19:57	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 19:57	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 19:57	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 19:57	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 19:57	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 19:57	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 19:57	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 19:57	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 19:57	WG2362031
(S) Toluene-d8	*102*			*80.0-120*		*09/13/2024 19:57*	WG2362031
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*09/13/2024 19:57*	WG2362031
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*09/13/2024 19:57*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	745		15.0	50.0	1	09/15/2024 16:30	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	49900		20000	1	09/10/2024 13:00	WG2358591
Free Carbon Dioxide	ND	T8	20000	1	09/10/2024 13:00	WG2358591

Sample Narrative:

L1775578-04 WG2358591: 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	161	T8	15.0	50.0	1	09/09/2024 17:28	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 19:56	WG2359220

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	09/11/2024 12:38	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	114000	J6	547	1000	1	09/10/2024 19:37	WG2358702
Sulfate	4970	J	637	5000	1	09/10/2024 19:37	WG2358702

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)	855	B J	102	1000	1	09/13/2024 09:29	WG2361062

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	906		18.0	100	1	09/15/2024 16:30	WG2362195
Manganese	40.4		0.934	10.0	1	09/15/2024 16:30	WG2362195
Sodium	75400		504	3000	1	09/15/2024 16:30	WG2362195

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	09/10/2024 22:09	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 22:09	WG2359803
Ethene	U		4.26	13.0	1	09/10/2024 22:09	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 20:15	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 20:15	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 20:15	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 20:15	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 20:15	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 20:15	WG2362031
Carbon disulfide	1.82	C3 J3 J4	0.0962	1.00	1	09/13/2024 20:15	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 20:15	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 20:15	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 20:15	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 20:15	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 20:15	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 20:15	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 20:15	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 20:15	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 20:15	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 20:15	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 20:15	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 20:15	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 20:15	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 20:15	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 20:15	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 20:15	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 20:15	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 20:15	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 20:15	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 20:15	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 20:15	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 20:15	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 20:15	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 20:15	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 20:15	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 20:15	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 20:15	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 20:15	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 20:15	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 20:15	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 20:15	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 20:15	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 20:15	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 20:15	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 20:15	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 20:15	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 20:15	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 20:15	WG2362031
Trichloroethene	4.74		0.190	1.00	1	09/13/2024 20:15	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 20:15	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 20:15	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 20:15	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 20:15	WG2362031
(S) Toluene-d8	*105*			*80.0-120*		*09/13/2024 20:15*	WG2362031
(S) 4-Bromofluorobenzene	*94.2*			*77.0-126*		*09/13/2024 20:15*	WG2362031
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/13/2024 20:15*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	70.9		15.0	50.0	1	09/15/2024 16:33	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	659000		20000	1	09/10/2024 13:06	WG2358591
Free Carbon Dioxide	51000	B T8	20000	1	09/10/2024 13:06	WG2358591

Sample Narrative:

L1775578-05 WG2358591: 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	2500	T8	15.0	50.0	1	09/09/2024 17:28	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 19:57	WG2359220

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	09/11/2024 12:38	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	198000		547	1000	1	09/10/2024 20:31	WG2358702
Sulfate	69400		637	5000	1	09/10/2024 20:31	WG2358702

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)	18000		102	1000	1	09/13/2024 09:56	WG2361062

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2570		18.0	100	1	09/15/2024 16:33	WG2362195
Manganese	1700		0.934	10.0	1	09/15/2024 16:33	WG2362195
Sodium	114000		504	3000	1	09/15/2024 16:33	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4750		2.91	10.0	1	09/10/2024 22:22	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 22:22	WG2359803
Ethene	U		4.26	13.0	1	09/10/2024 22:22	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 20:34	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 20:34	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 20:34	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 20:34	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 20:34	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 20:34	WG2362031
Carbon disulfide	1.55	C3 J3 J4	0.0962	1.00	1	09/13/2024 20:34	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 20:34	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 20:34	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 20:34	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 20:34	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 20:34	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 20:34	WG2362031
Cyclohexane	0.897	J	0.188	1.00	1	09/13/2024 20:34	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 20:34	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 20:34	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 20:34	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 20:34	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 20:34	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 20:34	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 20:34	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 20:34	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 20:34	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 20:34	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 20:34	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 20:34	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 20:34	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 20:34	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 20:34	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 20:34	WG2362031
Isopropylbenzene	0.348	J	0.105	1.00	1	09/13/2024 20:34	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 20:34	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 20:34	WG2362031
Methyl Cyclohexane	1.62		0.660	1.00	1	09/13/2024 20:34	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 20:34	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 20:34	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 20:34	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 20:34	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 20:34	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 20:34	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 20:34	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 20:34	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 20:34	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 20:34	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 20:34	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 20:34	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 20:34	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 20:34	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 20:34	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 20:34	WG2362031
(S) Toluene-d8	*104*			*80.0-120*		*09/13/2024 20:34*	WG2362031
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*09/13/2024 20:34*	WG2362031
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*09/13/2024 20:34*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	7130		15.0	50.0	1	09/15/2024 16:35	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	563000		20000	1	09/10/2024 13:12	WG2358591
Free Carbon Dioxide	75300	B T8	20000	1	09/10/2024 13:12	WG2358591

Sample Narrative:

L1775578-06 WG2358591: 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	516	T8	15.0	50.0	1	09/09/2024 17:28	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		250	500	5	09/11/2024 19:59	WG2359220

Sample Narrative:

L1775578-06 WG2359220: Dilution due to matrix

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	09/11/2024 12:38	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2540000		54700	100000	100	09/10/2024 21:25	WG2358702
Sulfate	157000		6370	50000	10	09/10/2024 20:45	WG2358702

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	9590		102	1000	1	09/13/2024 10:21	WG2361062

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7640		18.0	100	1	09/15/2024 16:35	WG2362195
Manganese	96.2		0.934	10.0	1	09/15/2024 16:35	WG2362195
Sodium	1440000		2520	15000	5	09/15/2024 20:05	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	473		2.91	10.0	1	09/10/2024 22:29	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 22:29	WG2359803

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	09/10/2024 22:29	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 20:53	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 20:53	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 20:53	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 20:53	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 20:53	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 20:53	WG2362031
Carbon disulfide	2.04	C3 J3 J4	0.0962	1.00	1	09/13/2024 20:53	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 20:53	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 20:53	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 20:53	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 20:53	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 20:53	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 20:53	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 20:53	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 20:53	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 20:53	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 20:53	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 20:53	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 20:53	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 20:53	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 20:53	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 20:53	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 20:53	WG2362031
cis-1,2-Dichloroethene	0.222	J	0.126	1.00	1	09/13/2024 20:53	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 20:53	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 20:53	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 20:53	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 20:53	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 20:53	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 20:53	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 20:53	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 20:53	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 20:53	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 20:53	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 20:53	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 20:53	WG2362031
Methyl tert-butyl ether	26.6		0.101	1.00	1	09/13/2024 20:53	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 20:53	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 20:53	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 20:53	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 20:53	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 20:53	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 20:53	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 20:53	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 20:53	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 20:53	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 20:53	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 20:53	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 20:53	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 20:53	WG2362031
(S) Toluene-d8	*104*			*80.0-120*		*09/13/2024 20:53*	WG2362031

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	*97.9*			*77.0-126*		*09/13/2024 20:53*	WG2362031
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/13/2024 20:53*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	13200		18.0	100	1	09/15/2024 16:44	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	262000		20000	1	09/10/2024 13:16	WG2358591
Free Carbon Dioxide	ND	T8	20000	1	09/10/2024 13:16	WG2358591

Sample Narrative:

L1775578-07 WG2358591: 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	4890	T8	75.0	250	5	09/09/2024 17:29	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		250	500	5	09/11/2024 20:00	WG2359220

Sample Narrative:

L1775578-07 WG2359220: Dilution due to matrix

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	09/11/2024 12:38	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	794000		54700	100000	100	09/10/2024 21:39	WG2358702
Sulfate	104000	J	63700	500000	100	09/10/2024 21:39	WG2358702

Sample Narrative:

L1775578-07 WG2358702: Dilution due to matrix impact on instrumentation at lower dilution

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	09/15/2024 18:46	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	18100		18.0	100	1	09/15/2024 16:44	WG2362195
Manganese	2250		0.934	10.0	1	09/15/2024 16:44	WG2362195
Sodium	3890000		5040	30000	10	09/15/2024 20:07	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	615		2.91	10.0	1	09/10/2024 22:33	WG2359803
Ethane	U		4.07	13.0	1	09/10/2024 22:33	WG2359803
Ethene	U		4.26	13.0	1	09/10/2024 22:33	WG2359803

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 21:11	WG2362031
Benzene	0.662	J	0.0941	1.00	1	09/13/2024 21:11	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 21:11	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 21:11	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 21:11	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 21:11	WG2362031
Carbon disulfide	3.79	C3 J3 J4	0.0962	1.00	1	09/13/2024 21:11	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 21:11	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 21:11	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 21:11	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 21:11	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 21:11	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 21:11	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 21:11	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 21:11	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 21:11	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 21:11	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 21:11	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 21:11	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 21:11	WG2362031
1,1-Dichloroethane	0.115	J	0.100	1.00	1	09/13/2024 21:11	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 21:11	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 21:11	WG2362031
cis-1,2-Dichloroethene	0.792	J	0.126	1.00	1	09/13/2024 21:11	WG2362031
trans-1,2-Dichloroethene	0.159	J	0.149	1.00	1	09/13/2024 21:11	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 21:11	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 21:11	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 21:11	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 21:11	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 21:11	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 21:11	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 21:11	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 21:11	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 21:11	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 21:11	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 21:11	WG2362031
Methyl tert-butyl ether	3.41		0.101	1.00	1	09/13/2024 21:11	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 21:11	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 21:11	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 21:11	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 21:11	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 21:11	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 21:11	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 21:11	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 21:11	WG2362031
Trichloroethene	1.75		0.190	1.00	1	09/13/2024 21:11	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 21:11	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 21:11	WG2362031
Vinyl chloride	0.237	J	0.234	1.00	1	09/13/2024 21:11	WG2362031

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Xylenes, Total	U		0.174	3.00	1	09/13/2024 21:11	WG2362031
(S) Toluene-d8	*100*			*80.0-120*		*09/13/2024 21:11*	WG2362031
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*09/13/2024 21:11*	WG2362031
(S) 1,2-Dichloroethane-d4	*87.8*			*70.0-130*		*09/13/2024 21:11*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	09/15/2024 16:47	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	510000		20000	1	09/10/2024 13:48	WG2358591
Free Carbon Dioxide	34800	B T8	20000	1	09/10/2024 13:48	WG2358591

Sample Narrative:

L1775578-08 WG2358591: 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	1010	T8	15.0	50.0	1	09/09/2024 17:30	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	84.8	J	50.0	100	1	09/11/2024 20:01	WG2359220

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		50.0	100	2	09/11/2024 12:39	WG2360190

Sample Narrative:

L1775578-08 WG2360190: Dilution due to matrix

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2300000		10900	20000	20	09/10/2024 22:06	WG2358702
Sulfate	128000		3180	25000	5	09/10/2024 21:52	WG2358702

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)	16300		102	1000	1	09/15/2024 19:34	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	504		18.0	100	1	09/15/2024 16:47	WG2362195
Manganese	484		0.934	10.0	1	09/15/2024 16:47	WG2362195
Sodium	1150000		2520	15000	5	09/15/2024 20:08	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	638		2.91	10.0	1	09/11/2024 09:14	WG2359812
Ethane	7.65	J	4.07	13.0	1	09/11/2024 09:14	WG2359812

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	09/11/2024 09:14	WG2359812

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 21:30	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 21:30	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 21:30	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 21:30	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 21:30	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 21:30	WG2362031
Carbon disulfide	2.93	C3 J3 J4	0.0962	1.00	1	09/13/2024 21:30	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 21:30	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 21:30	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 21:30	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 21:30	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 21:30	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 21:30	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 21:30	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 21:30	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 21:30	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 21:30	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 21:30	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 21:30	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 21:30	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 21:30	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 21:30	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 21:30	WG2362031
cis-1,2-Dichloroethene	0.245	J	0.126	1.00	1	09/13/2024 21:30	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 21:30	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 21:30	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 21:30	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 21:30	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 21:30	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 21:30	WG2362031
Isopropylbenzene	0.209	J	0.105	1.00	1	09/13/2024 21:30	WG2362031
2-Butanone (MEK)	3.30	J	1.19	10.0	1	09/13/2024 21:30	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 21:30	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 21:30	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 21:30	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 21:30	WG2362031
Methyl tert-butyl ether	54.6		0.101	1.00	1	09/13/2024 21:30	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 21:30	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 21:30	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 21:30	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 21:30	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 21:30	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 21:30	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 21:30	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 21:30	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 21:30	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 21:30	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 21:30	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 21:30	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 21:30	WG2362031
(S) Toluene-d8	*104*			*80.0-120*		*09/13/2024 21:30*	WG2362031

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	*96.3*			*77.0-126*		*09/13/2024 21:30*	WG2362031
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*09/13/2024 21:30*	WG2362031

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	2640		15.0	50.0	1	09/15/2024 16:50	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	627000		20000	1	09/10/2024 14:01	WG2358591
Free Carbon Dioxide	35600	B T8	20000	1	09/10/2024 14:01	WG2358591

Sample Narrative:

L1775578-09 WG2358591: 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	462	T8	15.0	50.0	1	09/09/2024 17:30	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 20:02	WG2359220

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	126		25.0	50.0	1	09/11/2024 12:39	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2490000		10900	20000	20	09/10/2024 22:33	WG2358702
Sulfate	97300		3180	25000	5	09/10/2024 22:19	WG2358702

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)	21200		102	1000	1	09/15/2024 19:59	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3100		18.0	100	1	09/15/2024 16:50	WG2362195
Manganese	30.1		0.934	10.0	1	09/15/2024 16:50	WG2362195
Sodium	1340000		2520	15000	5	09/15/2024 20:10	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2800		2.91	10.0	1	09/11/2024 09:26	WG2359812
Ethane	204		4.07	13.0	1	09/11/2024 09:26	WG2359812
Ethene	U		4.26	13.0	1	09/11/2024 09:26	WG2359812

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/14/2024 07:03	WG2362406
Benzene	1.64		0.0941	1.00	1	09/14/2024 07:03	WG2362406
Bromochloromethane	U		0.128	1.00	1	09/14/2024 07:03	WG2362406
Bromodichloromethane	U		0.136	1.00	1	09/14/2024 07:03	WG2362406
Bromoform	U		0.129	1.00	1	09/14/2024 07:03	WG2362406
Bromomethane	U		0.605	5.00	1	09/14/2024 07:03	WG2362406
Carbon disulfide	0.252	C3 J	0.0962	1.00	1	09/14/2024 07:03	WG2362406
Carbon tetrachloride	U		0.128	1.00	1	09/14/2024 07:03	WG2362406
Chlorobenzene	U		0.116	1.00	1	09/14/2024 07:03	WG2362406
Chlorodibromomethane	U		0.140	1.00	1	09/14/2024 07:03	WG2362406
Chloroethane	U		0.192	5.00	1	09/14/2024 07:03	WG2362406
Chloroform	U		0.111	5.00	1	09/14/2024 07:03	WG2362406
Chloromethane	U		0.960	2.50	1	09/14/2024 07:03	WG2362406
Cyclohexane	0.209	J	0.188	1.00	1	09/14/2024 07:03	WG2362406
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/14/2024 07:03	WG2362406
1,2-Dibromoethane	U		0.126	1.00	1	09/14/2024 07:03	WG2362406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/14/2024 07:03	WG2362406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/14/2024 07:03	WG2362406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/14/2024 07:03	WG2362406
Dichlorodifluoromethane	U	C3	0.374	5.00	1	09/14/2024 07:03	WG2362406
1,1-Dichloroethane	0.154	J	0.100	1.00	1	09/14/2024 07:03	WG2362406
1,2-Dichloroethane	U		0.0819	1.00	1	09/14/2024 07:03	WG2362406
1,1-Dichloroethene	U		0.188	1.00	1	09/14/2024 07:03	WG2362406
cis-1,2-Dichloroethene	0.168	J	0.126	1.00	1	09/14/2024 07:03	WG2362406
trans-1,2-Dichloroethene	0.556	J	0.149	1.00	1	09/14/2024 07:03	WG2362406
1,2-Dichloropropane	U		0.149	1.00	1	09/14/2024 07:03	WG2362406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/14/2024 07:03	WG2362406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/14/2024 07:03	WG2362406
Ethylbenzene	0.146	J	0.137	1.00	1	09/14/2024 07:03	WG2362406
2-Hexanone	U		0.787	10.0	1	09/14/2024 07:03	WG2362406
Isopropylbenzene	0.198	J	0.105	1.00	1	09/14/2024 07:03	WG2362406
2-Butanone (MEK)	U		1.19	10.0	1	09/14/2024 07:03	WG2362406
Methyl Acetate	U		1.29	20.0	1	09/14/2024 07:03	WG2362406
Methyl Cyclohexane	U		0.660	1.00	1	09/14/2024 07:03	WG2362406
Methylene Chloride	U		0.430	5.00	1	09/14/2024 07:03	WG2362406
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/14/2024 07:03	WG2362406
Methyl tert-butyl ether	28.1		0.101	1.00	1	09/14/2024 07:03	WG2362406
Styrene	U		0.118	1.00	1	09/14/2024 07:03	WG2362406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/14/2024 07:03	WG2362406
Tetrachloroethene	U		0.300	1.00	1	09/14/2024 07:03	WG2362406
Toluene	U		0.278	1.00	1	09/14/2024 07:03	WG2362406
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/14/2024 07:03	WG2362406
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/14/2024 07:03	WG2362406
1,1,1-Trichloroethane	U		0.149	1.00	1	09/14/2024 07:03	WG2362406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/14/2024 07:03	WG2362406
Trichloroethene	0.214	J	0.190	1.00	1	09/14/2024 07:03	WG2362406
Trichlorofluoromethane	U		0.160	5.00	1	09/14/2024 07:03	WG2362406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/14/2024 07:03	WG2362406
Vinyl chloride	U		0.234	1.00	1	09/14/2024 07:03	WG2362406
Xylenes, Total	U		0.174	3.00	1	09/14/2024 07:03	WG2362406
(S) Toluene-d8	*101*			*80.0-120*		*09/14/2024 07:03*	WG2362406
(S) 4-Bromofluorobenzene	*95.7*			*77.0-126*		*09/14/2024 07:03*	WG2362406
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*09/14/2024 07:03*	WG2362406

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	162		15.0	50.0	1	09/15/2024 16:52	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	481000		20000	1	09/10/2024 14:06	WG2358591
Free Carbon Dioxide	44000	B T8	20000	1	09/10/2024 14:06	WG2358591

Sample Narrative:

L1775578-10 WG2358591: 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	121	T8	15.0	50.0	1	09/09/2024 17:30	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		250	500	5	09/11/2024 20:04	WG2359220

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	505		25.0	50.0	1	09/11/2024 12:39	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2510000		10900	20000	20	09/10/2024 23:00	WG2358702
Sulfate	172000		3180	25000	5	09/10/2024 22:46	WG2358702

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)	35800		102	1000	1	09/15/2024 20:25	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	283		18.0	100	1	09/15/2024 16:52	WG2362195
Manganese	21.9		0.934	10.0	1	09/15/2024 16:52	WG2362195
Sodium	1320000		2520	15000	5	09/15/2024 20:12	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4950		2.91	10.0	1	09/11/2024 09:32	WG2359812
Ethane	163		4.07	13.0	1	09/11/2024 09:32	WG2359812
Ethene	63.1		4.26	13.0	1	09/11/2024 09:32	WG2359812

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		56.5	250	5	09/17/2024 12:48	WG2363523
Benzene	9.45		0.471	5.00	5	09/17/2024 12:48	WG2363523
Bromochloromethane	U		0.640	5.00	5	09/17/2024 12:48	WG2363523
Bromodichloromethane	U		0.680	5.00	5	09/17/2024 12:48	WG2363523
Bromoform	U		0.645	5.00	5	09/17/2024 12:48	WG2363523
Bromomethane	U		3.03	25.0	5	09/17/2024 12:48	WG2363523
Carbon disulfide	1.24	J	0.481	5.00	5	09/17/2024 12:48	WG2363523
Carbon tetrachloride	U		0.640	5.00	5	09/17/2024 12:48	WG2363523
Chlorobenzene	U		0.580	5.00	5	09/17/2024 12:48	WG2363523
Chlorodibromomethane	U		0.700	5.00	5	09/17/2024 12:48	WG2363523
Chloroethane	U		0.960	25.0	5	09/17/2024 12:48	WG2363523
Chloroform	U		0.555	25.0	5	09/17/2024 12:48	WG2363523
Chloromethane	U		4.80	12.5	5	09/17/2024 12:48	WG2363523
Cyclohexane	2.45	J	0.940	5.00	5	09/17/2024 12:48	WG2363523
1,2-Dibromo-3-Chloropropane	U		1.38	25.0	5	09/17/2024 12:48	WG2363523
1,2-Dibromoethane	U		0.630	5.00	5	09/17/2024 12:48	WG2363523
1,2-Dichlorobenzene	U		0.535	5.00	5	09/17/2024 12:48	WG2363523
1,3-Dichlorobenzene	U		0.550	5.00	5	09/17/2024 12:48	WG2363523
1,4-Dichlorobenzene	U		0.600	5.00	5	09/17/2024 12:48	WG2363523
Dichlorodifluoromethane	U		1.87	25.0	5	09/17/2024 12:48	WG2363523
1,1-Dichloroethane	U		0.500	5.00	5	09/17/2024 12:48	WG2363523
1,2-Dichloroethane	U		0.409	5.00	5	09/17/2024 12:48	WG2363523
1,1-Dichloroethene	U		0.940	5.00	5	09/17/2024 12:48	WG2363523
cis-1,2-Dichloroethene	U		0.630	5.00	5	09/17/2024 12:48	WG2363523
trans-1,2-Dichloroethene	7.79		0.745	5.00	5	09/17/2024 12:48	WG2363523
1,2-Dichloropropane	U		0.745	5.00	5	09/17/2024 12:48	WG2363523
cis-1,3-Dichloropropene	U		0.555	5.00	5	09/17/2024 12:48	WG2363523
trans-1,3-Dichloropropene	U		0.590	5.00	5	09/17/2024 12:48	WG2363523
Ethylbenzene	7.39		0.685	5.00	5	09/17/2024 12:48	WG2363523
2-Hexanone	U		3.94	50.0	5	09/17/2024 12:48	WG2363523
Isopropylbenzene	0.754	J	0.525	5.00	5	09/17/2024 12:48	WG2363523
2-Butanone (MEK)	U		5.95	50.0	5	09/17/2024 12:48	WG2363523
Methyl Acetate	U		6.45	100	5	09/17/2024 12:48	WG2363523
Methyl Cyclohexane	U		3.30	5.00	5	09/17/2024 12:48	WG2363523
Methylene Chloride	U		2.15	25.0	5	09/17/2024 12:48	WG2363523
4-Methyl-2-pentanone (MIBK)	U		2.39	50.0	5	09/17/2024 12:48	WG2363523
Methyl tert-butyl ether	160		0.505	5.00	5	09/17/2024 12:48	WG2363523
Styrene	U		0.590	5.00	5	09/17/2024 12:48	WG2363523
1,1,2,2-Tetrachloroethane	U		0.665	5.00	5	09/17/2024 12:48	WG2363523
Tetrachloroethene	U		1.50	5.00	5	09/17/2024 12:48	WG2363523
Toluene	U		1.39	5.00	5	09/17/2024 12:48	WG2363523
1,2,3-Trichlorobenzene	U		1.15	5.00	5	09/17/2024 12:48	WG2363523
1,2,4-Trichlorobenzene	U		2.41	5.00	5	09/17/2024 12:48	WG2363523
1,1,1-Trichloroethane	U		0.745	5.00	5	09/17/2024 12:48	WG2363523
1,1,2-Trichloroethane	U		0.790	5.00	5	09/17/2024 12:48	WG2363523
Trichloroethene	U		0.950	5.00	5	09/17/2024 12:48	WG2363523
Trichlorofluoromethane	U		0.800	25.0	5	09/17/2024 12:48	WG2363523
1,1,2-Trichlorotrifluoroethane	U		0.900	5.00	5	09/17/2024 12:48	WG2363523
Vinyl chloride	2.41	J	1.17	5.00	5	09/17/2024 12:48	WG2363523
Xylenes, Total	6.97	J	0.870	15.0	5	09/17/2024 12:48	WG2363523
(S) Toluene-d8	*97.5*			*80.0-120*		*09/17/2024 12:48*	WG2363523
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*09/17/2024 12:48*	WG2363523
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*		*09/17/2024 12:48*	WG2363523

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		18.0	100	1	09/15/2024 16:55	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	288000		20000	1	09/10/2024 14:11	WG2358591
Free Carbon Dioxide	42100	B T8	20000	1	09/10/2024 14:11	WG2358591

Sample Narrative:

L1775578-11 WG2358591: 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	5980	T8	150	500	10	09/09/2024 17:31	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 20:05	WG2359220

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	71.0		25.0	50.0	1	09/11/2024 12:39	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1030000		5470	10000	10	09/10/2024 23:13	WG2358702
Sulfate	44200	J	6370	50000	10	09/10/2024 23:13	WG2358702

Sample Narrative:

L1775578-11 WG2358702: Dilution due to matrix impact on instrumentation at lower dilution

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)	28200		102	1000	1	09/15/2024 20:50	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4340		18.0	100	1	09/15/2024 16:55	WG2362195
Manganese	70.0		0.934	10.0	1	09/15/2024 16:55	WG2362195
Sodium	621000		504	3000	1	09/15/2024 16:55	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6150		2.91	10.0	1	09/11/2024 09:37	WG2359812
Ethane	7.21	J	4.07	13.0	1	09/11/2024 09:37	WG2359812

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	09/11/2024 09:37	WG2359812

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	13.8	J	11.3	50.0	1	09/14/2024 07:22	WG2362406
Benzene	37.8		0.0941	1.00	1	09/14/2024 07:22	WG2362406
Bromochloromethane	U		0.128	1.00	1	09/14/2024 07:22	WG2362406
Bromodichloromethane	U		0.136	1.00	1	09/14/2024 07:22	WG2362406
Bromoform	U		0.129	1.00	1	09/14/2024 07:22	WG2362406
Bromomethane	U		0.605	5.00	1	09/14/2024 07:22	WG2362406
Carbon disulfide	0.615	C3 J	0.0962	1.00	1	09/14/2024 07:22	WG2362406
Carbon tetrachloride	U		0.128	1.00	1	09/14/2024 07:22	WG2362406
Chlorobenzene	U		0.116	1.00	1	09/14/2024 07:22	WG2362406
Chlorodibromomethane	U		0.140	1.00	1	09/14/2024 07:22	WG2362406
Chloroethane	U		0.192	5.00	1	09/14/2024 07:22	WG2362406
Chloroform	U		0.111	5.00	1	09/14/2024 07:22	WG2362406
Chloromethane	U		0.960	2.50	1	09/14/2024 07:22	WG2362406
Cyclohexane	1.84		0.188	1.00	1	09/14/2024 07:22	WG2362406
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/14/2024 07:22	WG2362406
1,2-Dibromoethane	U		0.126	1.00	1	09/14/2024 07:22	WG2362406
1,2-Dichlorobenzene	U		0.107	1.00	1	09/14/2024 07:22	WG2362406
1,3-Dichlorobenzene	U		0.110	1.00	1	09/14/2024 07:22	WG2362406
1,4-Dichlorobenzene	U		0.120	1.00	1	09/14/2024 07:22	WG2362406
Dichlorodifluoromethane	U	C3	0.374	5.00	1	09/14/2024 07:22	WG2362406
1,1-Dichloroethane	U		0.100	1.00	1	09/14/2024 07:22	WG2362406
1,2-Dichloroethane	U		0.0819	1.00	1	09/14/2024 07:22	WG2362406
1,1-Dichloroethene	U		0.188	1.00	1	09/14/2024 07:22	WG2362406
cis-1,2-Dichloroethene	0.144	J	0.126	1.00	1	09/14/2024 07:22	WG2362406
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/14/2024 07:22	WG2362406
1,2-Dichloropropane	U		0.149	1.00	1	09/14/2024 07:22	WG2362406
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/14/2024 07:22	WG2362406
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/14/2024 07:22	WG2362406
Ethylbenzene	0.573	J	0.137	1.00	1	09/14/2024 07:22	WG2362406
2-Hexanone	U		0.787	10.0	1	09/14/2024 07:22	WG2362406
Isopropylbenzene	2.75		0.105	1.00	1	09/14/2024 07:22	WG2362406
2-Butanone (MEK)	U		1.19	10.0	1	09/14/2024 07:22	WG2362406
Methyl Acetate	U		1.29	20.0	1	09/14/2024 07:22	WG2362406
Methyl Cyclohexane	1.78		0.660	1.00	1	09/14/2024 07:22	WG2362406
Methylene Chloride	U		0.430	5.00	1	09/14/2024 07:22	WG2362406
4-Methyl-2-pentanone (MIBK)	0.791	J	0.478	10.0	1	09/14/2024 07:22	WG2362406
Methyl tert-butyl ether	37.2		0.101	1.00	1	09/14/2024 07:22	WG2362406
Styrene	U		0.118	1.00	1	09/14/2024 07:22	WG2362406
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/14/2024 07:22	WG2362406
Tetrachloroethene	U		0.300	1.00	1	09/14/2024 07:22	WG2362406
Toluene	2.21		0.278	1.00	1	09/14/2024 07:22	WG2362406
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/14/2024 07:22	WG2362406
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/14/2024 07:22	WG2362406
1,1,1-Trichloroethane	U		0.149	1.00	1	09/14/2024 07:22	WG2362406
1,1,2-Trichloroethane	U		0.158	1.00	1	09/14/2024 07:22	WG2362406
Trichloroethene	U		0.190	1.00	1	09/14/2024 07:22	WG2362406
Trichlorofluoromethane	U		0.160	5.00	1	09/14/2024 07:22	WG2362406
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/14/2024 07:22	WG2362406
Vinyl chloride	U		0.234	1.00	1	09/14/2024 07:22	WG2362406
Xylenes, Total	4.25		0.174	3.00	1	09/14/2024 07:22	WG2362406
(S) Toluene-d8	*101*			*80.0-120*		*09/14/2024 07:22*	WG2362406

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	*102*			*77.0-126*		*09/14/2024 07:22*	WG2362406
(S) 1,2-Dichloroethane-d4	*93.4*			*70.0-130*		*09/14/2024 07:22*	WG2362406

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	872		15.0	50.0	1	09/15/2024 16:58	WG2362195

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	605000		20000	1	09/15/2024 09:18	WG2362887
Free Carbon Dioxide	81100	B T8	20000	1	09/15/2024 09:18	WG2362887

Sample Narrative:

L1775578-12 WG2362887: 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	92.0	T8	15.0	50.0	1	09/09/2024 17:31	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 20:06	WG2359220

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfide	285		25.0	50.0	1	09/11/2024 12:40	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	2670000		54700	100000	100	09/11/2024 00:07	WG2358702
Sulfate	104000		6370	50000	10	09/10/2024 23:27	WG2358702

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)	33200		102	1000	1	09/15/2024 21:16	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	964		18.0	100	1	09/15/2024 16:58	WG2362195
Manganese	43.1		0.934	10.0	1	09/15/2024 16:58	WG2362195
Sodium	1470000		2520	15000	5	09/15/2024 20:13	WG2362195

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6490		2.91	10.0	1	09/11/2024 09:44	WG2359812
Ethane	203		4.07	13.0	1	09/11/2024 09:44	WG2359812
Ethene	83.2		4.26	13.0	1	09/11/2024 09:44	WG2359812

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		56.5	250	5	09/17/2024 13:09	WG2363523
Benzene	10.2		0.471	5.00	5	09/17/2024 13:09	WG2363523
Bromochloromethane	U		0.640	5.00	5	09/17/2024 13:09	WG2363523
Bromodichloromethane	U		0.680	5.00	5	09/17/2024 13:09	WG2363523
Bromoform	U		0.645	5.00	5	09/17/2024 13:09	WG2363523
Bromomethane	U		3.03	25.0	5	09/17/2024 13:09	WG2363523
Carbon disulfide	1.94	J	0.481	5.00	5	09/17/2024 13:09	WG2363523
Carbon tetrachloride	U		0.640	5.00	5	09/17/2024 13:09	WG2363523
Chlorobenzene	U		0.580	5.00	5	09/17/2024 13:09	WG2363523
Chlorodibromomethane	U		0.700	5.00	5	09/17/2024 13:09	WG2363523
Chloroethane	U		0.960	25.0	5	09/17/2024 13:09	WG2363523
Chloroform	U		0.555	25.0	5	09/17/2024 13:09	WG2363523
Chloromethane	U		4.80	12.5	5	09/17/2024 13:09	WG2363523
Cyclohexane	2.42	J	0.940	5.00	5	09/17/2024 13:09	WG2363523
1,2-Dibromo-3-Chloropropane	U		1.38	25.0	5	09/17/2024 13:09	WG2363523
1,2-Dibromoethane	U		0.630	5.00	5	09/17/2024 13:09	WG2363523
1,2-Dichlorobenzene	U		0.535	5.00	5	09/17/2024 13:09	WG2363523
1,3-Dichlorobenzene	U		0.550	5.00	5	09/17/2024 13:09	WG2363523
1,4-Dichlorobenzene	U		0.600	5.00	5	09/17/2024 13:09	WG2363523
Dichlorodifluoromethane	U		1.87	25.0	5	09/17/2024 13:09	WG2363523
1,1-Dichloroethane	U		0.500	5.00	5	09/17/2024 13:09	WG2363523
1,2-Dichloroethane	U		0.409	5.00	5	09/17/2024 13:09	WG2363523
1,1-Dichloroethene	U		0.940	5.00	5	09/17/2024 13:09	WG2363523
cis-1,2-Dichloroethene	U		0.630	5.00	5	09/17/2024 13:09	WG2363523
trans-1,2-Dichloroethene	8.13		0.745	5.00	5	09/17/2024 13:09	WG2363523
1,2-Dichloropropane	U		0.745	5.00	5	09/17/2024 13:09	WG2363523
cis-1,3-Dichloropropene	U		0.555	5.00	5	09/17/2024 13:09	WG2363523
trans-1,3-Dichloropropene	U		0.590	5.00	5	09/17/2024 13:09	WG2363523
Ethylbenzene	7.55		0.685	5.00	5	09/17/2024 13:09	WG2363523
2-Hexanone	U		3.94	50.0	5	09/17/2024 13:09	WG2363523
Isopropylbenzene	0.827	J	0.525	5.00	5	09/17/2024 13:09	WG2363523
2-Butanone (MEK)	U		5.95	50.0	5	09/17/2024 13:09	WG2363523
Methyl Acetate	U		6.45	100	5	09/17/2024 13:09	WG2363523
Methyl Cyclohexane	U		3.30	5.00	5	09/17/2024 13:09	WG2363523
Methylene Chloride	U		2.15	25.0	5	09/17/2024 13:09	WG2363523
4-Methyl-2-pentanone (MIBK)	U		2.39	50.0	5	09/17/2024 13:09	WG2363523
Methyl tert-butyl ether	164		0.505	5.00	5	09/17/2024 13:09	WG2363523
Styrene	U		0.590	5.00	5	09/17/2024 13:09	WG2363523
1,1,2,2-Tetrachloroethane	U		0.665	5.00	5	09/17/2024 13:09	WG2363523
Tetrachloroethene	U		1.50	5.00	5	09/17/2024 13:09	WG2363523
Toluene	U		1.39	5.00	5	09/17/2024 13:09	WG2363523
1,2,3-Trichlorobenzene	U		1.15	5.00	5	09/17/2024 13:09	WG2363523
1,2,4-Trichlorobenzene	U		2.41	5.00	5	09/17/2024 13:09	WG2363523
1,1,1-Trichloroethane	U		0.745	5.00	5	09/17/2024 13:09	WG2363523
1,1,2-Trichloroethane	U		0.790	5.00	5	09/17/2024 13:09	WG2363523
Trichloroethene	U		0.950	5.00	5	09/17/2024 13:09	WG2363523
Trichlorofluoromethane	U		0.800	25.0	5	09/17/2024 13:09	WG2363523
1,1,2-Trichlorotrifluoroethane	U		0.900	5.00	5	09/17/2024 13:09	WG2363523
Vinyl chloride	U		1.17	5.00	5	09/17/2024 13:09	WG2363523
Xylenes, Total	8.00	J	0.870	15.0	5	09/17/2024 13:09	WG2363523
(S) Toluene-d8	*99.6*			*80.0-120*		*09/17/2024 13:09*	WG2363523
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*09/17/2024 13:09*	WG2363523
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*09/17/2024 13:09*	WG2363523

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferric Iron	U		15.0	50.0	1	09/15/2024 17:01	WG2362195

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	09/15/2024 09:13	WG2362887
Free Carbon Dioxide	ND	T8	20000	1	09/15/2024 09:13	WG2362887

Sample Narrative:

L1775578-13 WG2362887: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ferrous Iron	U	T8	15.0	50.0	1	09/09/2024 17:31	WG2358788

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Nitrate-Nitrite	U		50.0	100	1	09/11/2024 22:19	WG2359226

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	09/11/2024 12:40	WG2360190

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	1210		547	1000	1	09/11/2024 00:21	WG2358702
Sulfate	U		637	5000	1	09/11/2024 00:21	WG2358702

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)	248	J	102	1000	1	09/15/2024 21:35	WG2362984

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		18.0	100	1	09/15/2024 17:01	WG2362195
Manganese	U		0.934	10.0	1	09/15/2024 17:01	WG2362195
Sodium	596	J	504	3000	1	09/15/2024 17:01	WG2362195

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	09/11/2024 09:50	WG2359812
Ethane	U		4.07	13.0	1	09/11/2024 09:50	WG2359812
Ethene	U		4.26	13.0	1	09/11/2024 09:50	WG2359812

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/13/2024 18:42	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 18:42	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 18:42	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 18:42	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 18:42	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 18:42	WG2362031
Carbon disulfide	U	C3 J3 J4	0.0962	1.00	1	09/13/2024 18:42	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 18:42	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 18:42	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 18:42	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 18:42	WG2362031
Chloroform	U		0.111	5.00	1	09/13/2024 18:42	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 18:42	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 18:42	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 18:42	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 18:42	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 18:42	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 18:42	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 18:42	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 18:42	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 18:42	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 18:42	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 18:42	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 18:42	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 18:42	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 18:42	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 18:42	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 18:42	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 18:42	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 18:42	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 18:42	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 18:42	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 18:42	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 18:42	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 18:42	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 18:42	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 18:42	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 18:42	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 18:42	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 18:42	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 18:42	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 18:42	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 18:42	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 18:42	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 18:42	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 18:42	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 18:42	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 18:42	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 18:42	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 18:42	WG2362031
(S) Toluene-d8	*105*			*80.0-120*		*09/13/2024 18:42*	WG2362031
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*09/13/2024 18:42*	WG2362031
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/13/2024 18:42*	WG2362031

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 17:27	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 17:27	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 17:27	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 17:27	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 17:27	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 17:27	WG2362031
Carbon disulfide	U	C3 J3 J4	0.0962	1.00	1	09/13/2024 17:27	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 17:27	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 17:27	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 17:27	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 17:27	WG2362031
Chloroform	0.309	J	0.111	5.00	1	09/13/2024 17:27	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 17:27	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 17:27	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 17:27	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 17:27	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 17:27	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 17:27	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 17:27	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 17:27	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 17:27	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 17:27	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 17:27	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 17:27	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 17:27	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 17:27	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 17:27	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 17:27	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 17:27	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 17:27	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 17:27	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 17:27	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 17:27	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 17:27	WG2362031
Methylene Chloride	0.437	J	0.430	5.00	1	09/13/2024 17:27	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 17:27	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 17:27	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 17:27	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 17:27	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 17:27	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 17:27	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 17:27	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 17:27	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 17:27	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 17:27	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 17:27	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 17:27	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 17:27	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 17:27	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 17:27	WG2362031
(S) Toluene-d8	*101*			*80.0-120*		*09/13/2024 17:27*	WG2362031
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*09/13/2024 17:27*	WG2362031
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/13/2024 17:27*	WG2362031

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 17:46	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 17:46	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 17:46	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 17:46	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 17:46	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 17:46	WG2362031
Carbon disulfide	U	C3 J3 J4	0.0962	1.00	1	09/13/2024 17:46	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 17:46	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 17:46	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 17:46	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 17:46	WG2362031
Chloroform	0.270	J	0.111	5.00	1	09/13/2024 17:46	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 17:46	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 17:46	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 17:46	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 17:46	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 17:46	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 17:46	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 17:46	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 17:46	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 17:46	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 17:46	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 17:46	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 17:46	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 17:46	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 17:46	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 17:46	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 17:46	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 17:46	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 17:46	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 17:46	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 17:46	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 17:46	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 17:46	WG2362031
Methylene Chloride	0.437	J	0.430	5.00	1	09/13/2024 17:46	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 17:46	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 17:46	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 17:46	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 17:46	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 17:46	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 17:46	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 17:46	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 17:46	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 17:46	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 17:46	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 17:46	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 17:46	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 17:46	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 17:46	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 17:46	WG2362031
(S) Toluene-d8	*101*			*80.0-120*		*09/13/2024 17:46*	WG2362031
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*09/13/2024 17:46*	WG2362031
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*09/13/2024 17:46*	WG2362031

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	09/13/2024 18:05	WG2362031
Benzene	U		0.0941	1.00	1	09/13/2024 18:05	WG2362031
Bromochloromethane	U		0.128	1.00	1	09/13/2024 18:05	WG2362031
Bromodichloromethane	U		0.136	1.00	1	09/13/2024 18:05	WG2362031
Bromoform	U	C3	0.129	1.00	1	09/13/2024 18:05	WG2362031
Bromomethane	U	C3	0.605	5.00	1	09/13/2024 18:05	WG2362031
Carbon disulfide	U	C3 J3 J4	0.0962	1.00	1	09/13/2024 18:05	WG2362031
Carbon tetrachloride	U		0.128	1.00	1	09/13/2024 18:05	WG2362031
Chlorobenzene	U		0.116	1.00	1	09/13/2024 18:05	WG2362031
Chlorodibromomethane	U		0.140	1.00	1	09/13/2024 18:05	WG2362031
Chloroethane	U		0.192	5.00	1	09/13/2024 18:05	WG2362031
Chloroform	0.308	J	0.111	5.00	1	09/13/2024 18:05	WG2362031
Chloromethane	U	J4	0.960	2.50	1	09/13/2024 18:05	WG2362031
Cyclohexane	U		0.188	1.00	1	09/13/2024 18:05	WG2362031
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	09/13/2024 18:05	WG2362031
1,2-Dibromoethane	U		0.126	1.00	1	09/13/2024 18:05	WG2362031
1,2-Dichlorobenzene	U		0.107	1.00	1	09/13/2024 18:05	WG2362031
1,3-Dichlorobenzene	U		0.110	1.00	1	09/13/2024 18:05	WG2362031
1,4-Dichlorobenzene	U		0.120	1.00	1	09/13/2024 18:05	WG2362031
Dichlorodifluoromethane	U		0.374	5.00	1	09/13/2024 18:05	WG2362031
1,1-Dichloroethane	U		0.100	1.00	1	09/13/2024 18:05	WG2362031
1,2-Dichloroethane	U		0.0819	1.00	1	09/13/2024 18:05	WG2362031
1,1-Dichloroethene	U		0.188	1.00	1	09/13/2024 18:05	WG2362031
cis-1,2-Dichloroethene	U		0.126	1.00	1	09/13/2024 18:05	WG2362031
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/13/2024 18:05	WG2362031
1,2-Dichloropropane	U		0.149	1.00	1	09/13/2024 18:05	WG2362031
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/13/2024 18:05	WG2362031
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/13/2024 18:05	WG2362031
Ethylbenzene	U		0.137	1.00	1	09/13/2024 18:05	WG2362031
2-Hexanone	U		0.787	10.0	1	09/13/2024 18:05	WG2362031
Isopropylbenzene	U		0.105	1.00	1	09/13/2024 18:05	WG2362031
2-Butanone (MEK)	U		1.19	10.0	1	09/13/2024 18:05	WG2362031
Methyl Acetate	U		1.29	20.0	1	09/13/2024 18:05	WG2362031
Methyl Cyclohexane	U		0.660	1.00	1	09/13/2024 18:05	WG2362031
Methylene Chloride	U		0.430	5.00	1	09/13/2024 18:05	WG2362031
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/13/2024 18:05	WG2362031
Methyl tert-butyl ether	U		0.101	1.00	1	09/13/2024 18:05	WG2362031
Styrene	U		0.118	1.00	1	09/13/2024 18:05	WG2362031
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/13/2024 18:05	WG2362031
Tetrachloroethene	U		0.300	1.00	1	09/13/2024 18:05	WG2362031
Toluene	U		0.278	1.00	1	09/13/2024 18:05	WG2362031
1,2,3-Trichlorobenzene	U	C3	0.230	1.00	1	09/13/2024 18:05	WG2362031
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	09/13/2024 18:05	WG2362031
1,1,1-Trichloroethane	U		0.149	1.00	1	09/13/2024 18:05	WG2362031
1,1,2-Trichloroethane	U		0.158	1.00	1	09/13/2024 18:05	WG2362031
Trichloroethene	U		0.190	1.00	1	09/13/2024 18:05	WG2362031
Trichlorofluoromethane	U		0.160	5.00	1	09/13/2024 18:05	WG2362031
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/13/2024 18:05	WG2362031
Vinyl chloride	U		0.234	1.00	1	09/13/2024 18:05	WG2362031
Xylenes, Total	U		0.174	3.00	1	09/13/2024 18:05	WG2362031
(S) Toluene-d8	*102*			*80.0-120*		*09/13/2024 18:05*	WG2362031
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*09/13/2024 18:05*	WG2362031
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/13/2024 18:05*	WG2362031

Method Blank (MB)

(MB) R4117855-2 09/10/24 11:21

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) R4117855-3 09/10/24 11:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	8820	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1775578-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-01 09/10/24 11:26 • (DUP) R4117855-4 09/10/24 11:32

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	325000	329000	1	1.06		20

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

L1775578-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-01 09/10/24 11:26 • (DUP) R4117855-5 09/10/24 11:32

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	136000	133000	1	1.95		20

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

L1775578-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-08 09/10/24 13:48 • (DUP) R4117855-6 09/10/24 13:55

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	510000	505000	1	0.911		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1775578-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-08 09/10/24 13:48 • (DUP) R4117855-7 09/10/24 13:55

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	34800	33200	1	4.77		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4117855-1 09/10/24 11:07

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

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4120007-2 09/15/24 09:06

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) R4120007-3 09/15/24 09:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	13900	J	6670	20000

Sample Narrative:
BLANK: Endpoint pH 4.5

L1775578-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-13 09/15/24 09:13 • (DUP) R4120007-4 09/15/24 09:15

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

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

L1775578-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-13 09/15/24 09:13 • (DUP) R4120007-5 09/15/24 09:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	ND	9860	1	2.64	J	20

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

L1777446-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1777446-15 09/15/24 11:04 • (DUP) R4120007-6 09/15/24 11:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	526000	536000	1	1.84		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1777446-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1777446-15 09/15/24 11:04 • (DUP) R4120007-7 09/15/24 11:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	30700	31200	1	1.43		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4120007-1 09/15/24 09:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	108000	108	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4117385-1 09/09/24 17:19

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

L1775277-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775277-01 09/09/24 17:22 • (DUP) R4117385-3 09/09/24 17:22

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

L1775578-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-13 09/09/24 17:31 • (DUP) R4117385-6 09/09/24 17:31

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) R4117385-2 09/09/24 17:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ferrous Iron	1000	1020	102	85.0-115	

L1775277-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775277-02 09/09/24 17:22 • (MS) R4117385-4 09/09/24 17:23 • (MSD) R4117385-5 09/09/24 17:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ferrous Iron	1000	U	1020	1040	102	104	1	80.0-120			1.95	20

Method Blank (MB)

(MB) R4118730-1 09/11/24 19:24

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

L1773832-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1773832-03 09/11/24 19:28 • (DUP) R4118730-3 09/11/24 19:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate-Nitrite	U	57.9	1	200	J P1	20

L1774341-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1774341-02 09/11/24 19:33 • (DUP) R4118730-4 09/11/24 19:34

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate-Nitrite	1940	1950	1	0.514		20

Laboratory Control Sample (LCS)

(LCS) R4118730-2 09/11/24 19:25

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Nitrate-Nitrite	2500	2540	102	90.0-110	

L1774341-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1774341-02 09/11/24 19:33 • (MS) R4118730-5 09/11/24 19:39

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Nitrate-Nitrite	2500	1940	4460	101	1	90.0-110	

L1773832-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1773832-03 09/11/24 19:28 • (MS) R4118730-6 09/11/24 20:11 • (MSD) R4118730-7 09/11/24 20:13

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate-Nitrite	2500	U	2400	2520	96.0	101	1	90.0-110			4.88	20

Method Blank (MB)

(MB) R4118731-1 09/11/24 21:46

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

L1775411-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1775411-05 09/11/24 22:02 • (DUP) R4118731-5 09/11/24 22:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	2530	2530	1	0.000		20

L1775411-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1775411-06 09/11/24 22:05 • (DUP) R4118731-7 09/11/24 22:07

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate-Nitrite	3610	3600	1	0.277		20

Laboratory Control Sample (LCS)

(LCS) R4118731-2 09/11/24 21:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	2500	2530	101	90.0-110	

L1775411-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775411-01 09/11/24 21:50 • (MS) R4118731-3 09/11/24 21:51 • (MSD) R4118731-4 09/11/24 21:53

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	15500	17100	16800	62.0	52.0	5	90.0-110	V	V	1.48	20

L1775411-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1775411-05 09/11/24 22:02 • (MS) R4118731-6 09/11/24 22:04

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate-Nitrite	2500	2530	5260	109	1	90.0-110	E

Method Blank (MB)

(MB) R4118337-1 09/11/24 12:34

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

L1775042-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1775042-07 09/11/24 12:35 • (DUP) R4118337-5 09/11/24 12:35

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) R4118337-2 09/11/24 12:34

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfide	500	523	105	85.0-115	

L1775042-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775042-06 09/11/24 12:34 • (MS) R4118337-3 09/11/24 12:35 • (MSD) R4118337-4 09/11/24 12:35

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	34.0	483	491	89.8	91.4	1	80.0-120			1.64	20

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

Method Blank (MB)

(MB) R4120192-1 09/10/24 15:33

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1775578-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-04 09/10/24 19:37 • (DUP) R4120192-3 09/10/24 19:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	114000	114000	1	0.226		15
Sulfate	4970	4850	1	2.54	J	15

L1775578-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-13 09/11/24 00:21 • (DUP) R4120192-6 09/11/24 00:34

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	1210	1230	1	1.51		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4120192-2 09/10/24 15:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Chloride	40000	36500	91.4	80.0-120	
Sulfate	40000	36500	91.3	80.0-120	

L1775578-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775578-04 09/10/24 19:37 • (MS) R4120192-4 09/10/24 20:04 • (MSD) R4120192-5 09/10/24 20:17

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chloride	40000	114000	131000	132000	42.7	44.7	1	80.0-120	J6	J6	0.608	15
Sulfate	40000	4970	45500	45700	101	102	1	80.0-120			0.350	15

L1775578-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1775578-13 09/11/24 00:21 • (MS) R4120192-7 09/11/24 00:48

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	1210	39100	94.6	1	80.0-120	
Sulfate	40000	U	39000	97.4	1	80.0-120	

Method Blank (MB)

(MB) R4119474-2 09/13/24 00:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	147	J	102	1000

L1774985-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1774985-02 09/13/24 02:08 • (DUP) R4119474-5 09/13/24 02:31

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	8380	8460	1	0.951		20

L1775195-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1775195-09 09/13/24 07:06 • (DUP) R4119474-8 09/13/24 07:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	246	253	1	2.76	J	20

Laboratory Control Sample (LCS)

(LCS) R4119474-1 09/13/24 00:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	26000	104	85.0-115	

L1774985-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774985-01 09/13/24 00:58 • (MS) R4119474-3 09/13/24 01:22 • (MSD) R4119474-4 09/13/24 01:46

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	1880	28200	28400	105	106	1	85.0-115			0.919	20

L1775195-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775195-08 09/13/24 06:02 • (MS) R4119474-6 09/13/24 06:25 • (MSD) R4119474-7 09/13/24 06:48

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	267	26600	26800	105	106	1	85.0-115			0.711	20

Method Blank (MB)

(MB) R4120094-2 09/15/24 15:13

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

L1775578-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-07 09/15/24 18:46 • (DUP) R4120094-5 09/15/24 19:09

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	12000	12000	1	0.584		20

L1775760-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775760-01 09/16/24 00:29 • (DUP) R4120094-8 09/16/24 00:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1090	1060	1	3.07		20

Laboratory Control Sample (LCS)

(LCS) R4120094-1 09/15/24 14:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25800	103	85.0-115	

L1775338-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775338-10 09/15/24 17:34 • (MS) R4120094-3 09/15/24 17:59 • (MSD) R4120094-4 09/15/24 18:23

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	5620	32600	32500	108	108	1	85.0-115			0.369	20

L1775756-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775756-01 09/15/24 23:21 • (MS) R4120094-6 09/15/24 23:46 • (MSD) R4120094-7 09/16/24 00:10

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	165	24700	25000	98.2	99.2	1	85.0-115			0.966	20

Method Blank (MB)

(MB) R4119335-1 09/12/24 22:36

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

Laboratory Control Sample (LCS)

(LCS) R4119335-2 09/12/24 22:38

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	10000	8650	86.5	80.0-120	
Manganese	1000	886	88.6	80.0-120	
Sodium	10000	9140	91.4	80.0-120	

L1774495-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1774495-01 09/12/24 22:40 • (MS) R4119335-4 09/12/24 22:43 • (MSD) R4119335-5 09/12/24 22:45

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	10000	15100	32500	38300	174	232	1	75.0-125	J5	J5	16.2	20
Manganese	1000	688	1850	2020	116	133	1	75.0-125		J5	9.10	20
Sodium	10000	317000	319000	319000	20.9	18.5	1	75.0-125	V	V	0.0753	20

Method Blank (MB)

(MB) R4120056-1 09/15/24 16:10

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) R4120056-2 09/15/24 16:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	10000	10100	101	80.0-120	
Manganese	1000	1050	105	80.0-120	
Sodium	10000	11100	111	80.0-120	

L1775882-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1775882-10 09/15/24 16:16 • (MS) R4120056-4 09/15/24 16:21 • (MSD) R4120056-5 09/15/24 16:24

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 %
Iron	10000	362	10600	10500	102	101	1	75.0-125			1.27	20
Manganese	1000	177	1230	1220	106	105	1	75.0-125			0.751	20
Sodium	10000	11700	21900	21800	102	101	1	75.0-125			0.508	20

Method Blank (MB)

(MB) R4118101-2 09/10/24 21:16

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

L1775578-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-04 09/10/24 22:09 • (DUP) R4118101-3 09/10/24 22:25

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

L1775975-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1775975-04 09/10/24 23:08 • (DUP) R4118101-4 09/10/24 23:40

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) R4118101-1 09/10/24 21:11 • (LCSD) R4118101-5 09/10/24 23:47

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	68.9	69.2	102	102	85.0-115			0.434	20
Ethane	129	120	119	93.0	92.2	85.0-115			0.837	20
Ethene	127	120	119	94.5	93.7	85.0-115			0.837	20

Method Blank (MB)

(MB) R4118297-2 09/11/24 09:06

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

L1775578-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1775578-13 09/11/24 09:50 • (DUP) R4118297-3 09/11/24 10:53

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

L1775813-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1775813-04 09/11/24 11:06 • (DUP) R4118297-4 09/11/24 12:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	38.4	39.8	1	3.58		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) R4118297-1 09/11/24 09:01 • (LCSD) R4118297-5 09/11/24 12:12

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	59.2	62.3	87.3	91.9	85.0-115			5.10	20
Ethane	129	115	115	89.1	89.1	85.0-115			0.000	20
Ethene	127	115	115	90.6	90.6	85.0-115			0.000	20

Method Blank (MB)

(MB) R4120310-2 09/13/24 13:25

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) R4120310-2 09/13/24 13:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R4120310-1 09/13/24 12:28 • (LCSD) R4120310-3 09/13/24 14:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	23.5	21.4	94.0	85.6	19.0-160	J	J	9.35	27
Benzene	5.00	4.19	4.14	83.8	82.8	70.0-123			1.20	20
Bromochloromethane	5.00	4.23	3.84	84.6	76.8	76.0-122			9.67	20
Bromodichloromethane	5.00	4.14	4.11	82.8	82.2	75.0-120			0.727	20
Bromoform	5.00	3.98	3.67	79.6	73.4	68.0-132			8.10	20
Bromomethane	5.00	3.28	3.45	65.6	69.0	10.0-160	J	J	5.05	25
Carbon disulfide	5.00	3.79	2.60	75.8	52.0	61.0-128		J3 J4	37.2	20
Carbon tetrachloride	5.00	4.55	4.56	91.0	91.2	68.0-126			0.220	20
Chlorobenzene	5.00	4.73	4.67	94.6	93.4	80.0-121			1.28	20
Chlorodibromomethane	5.00	4.59	4.37	91.8	87.4	77.0-125			4.91	20
Chloroethane	5.00	5.17	5.42	103	108	47.0-150			4.72	20
Chloroform	5.00	4.37	4.37	87.4	87.4	73.0-120	J	J	0.000	20
Chloromethane	5.00	7.16	7.41	143	148	41.0-142	J4	J4	3.43	20
Cyclohexane	5.00	4.74	4.50	94.8	90.0	71.0-124			5.19	20
1,2-Dibromo-3-Chloropropane	5.00	3.50	3.12	70.0	62.4	58.0-134	J	J	11.5	20
1,2-Dibromoethane	5.00	4.34	4.35	86.8	87.0	80.0-122			0.230	20
1,2-Dichlorobenzene	5.00	4.55	4.03	91.0	80.6	79.0-121			12.1	20
1,3-Dichlorobenzene	5.00	4.49	4.25	89.8	85.0	79.0-120			5.49	20
1,4-Dichlorobenzene	5.00	4.35	4.23	87.0	84.6	79.0-120			2.80	20
Dichlorodifluoromethane	5.00	4.56	4.51	91.2	90.2	51.0-149	J	J	1.10	20

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

(LCS) R4120310-1 09/13/24 12:28 • (LCSD) R4120310-3 09/13/24 14:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	5.00	5.12	5.01	102	100	70.0-126			2.17	20
1,2-Dichloroethane	5.00	4.19	4.01	83.8	80.2	70.0-128			4.39	20
1,1-Dichloroethene	5.00	5.06	5.28	101	106	71.0-124			4.26	20
cis-1,2-Dichloroethene	5.00	4.21	4.00	84.2	80.0	73.0-120			5.12	20
trans-1,2-Dichloroethene	5.00	4.17	4.24	83.4	84.8	73.0-120			1.66	20
1,2-Dichloropropane	5.00	5.35	5.24	107	105	77.0-125			2.08	20
cis-1,3-Dichloropropene	5.00	4.41	4.37	88.2	87.4	80.0-123			0.911	20
trans-1,3-Dichloropropene	5.00	4.53	4.66	90.6	93.2	78.0-124			2.83	20
Ethylbenzene	5.00	4.46	4.29	89.2	85.8	79.0-123			3.89	20
2-Hexanone	25.0	25.9	25.5	104	102	67.0-149			1.56	20
Isopropylbenzene	5.00	4.43	4.05	88.6	81.0	76.0-127			8.96	20
2-Butanone (MEK)	25.0	26.3	24.2	105	96.8	44.0-160			8.32	20
Methyl Acetate	25.0	23.7	22.5	94.8	90.0	57.0-148			5.19	20
Methyl Cyclohexane	5.00	4.83	4.65	96.6	93.0	68.0-126			3.80	20
Methylene Chloride	5.00	4.38	4.67	87.6	93.4	67.0-120	J	J	6.41	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	28.8	116	115	68.0-142			0.347	20
Methyl tert-butyl ether	5.00	4.06	3.82	81.2	76.4	68.0-125			6.09	20
Styrene	5.00	4.45	4.01	89.0	80.2	73.0-130			10.4	20
1,1,2,2-Tetrachloroethane	5.00	4.02	4.61	80.4	92.2	65.0-130			13.7	20
Tetrachloroethene	5.00	5.16	4.83	103	96.6	72.0-132			6.61	20
Toluene	5.00	4.58	4.57	91.6	91.4	79.0-120			0.219	20
1,2,3-Trichlorobenzene	5.00	3.79	3.41	75.8	68.2	50.0-138			10.6	20
1,2,4-Trichlorobenzene	5.00	3.91	3.76	78.2	75.2	57.0-137			3.91	20
1,1,1-Trichloroethane	5.00	4.41	4.66	88.2	93.2	73.0-124			5.51	20
1,1,2-Trichloroethane	5.00	4.36	4.29	87.2	85.8	80.0-120			1.62	20
Trichloroethene	5.00	5.36	4.77	107	95.4	78.0-124			11.6	20
Trichlorofluoromethane	5.00	4.51	4.58	90.2	91.6	59.0-147	J	J	1.54	20
1,1,2-Trichlorotrifluoroethane	5.00	4.68	4.72	93.6	94.4	69.0-132			0.851	20
Vinyl chloride	5.00	4.52	4.30	90.4	86.0	67.0-131			4.99	20
Xylenes, Total	15.0	13.9	12.7	92.7	84.7	79.0-123			9.02	20
(S) Toluene-d8				*106*	*108*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*98.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.1*	*91.0*	*70.0-130*				

Method Blank (MB)

(MB) R4120731-2 09/14/24 03:17

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) R4120731-2 09/14/24 03:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*97.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4120731-1 09/14/24 02:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	20.0	80.0	19.0-160	J
Benzene	5.00	4.49	89.8	70.0-123	
Bromochloromethane	5.00	4.74	94.8	76.0-122	
Bromodichloromethane	5.00	5.06	101	75.0-120	
Bromoform	5.00	5.14	103	68.0-132	
Bromomethane	5.00	4.77	95.4	10.0-160	J
Carbon disulfide	5.00	3.71	74.2	61.0-128	
Carbon tetrachloride	5.00	5.13	103	68.0-126	
Chlorobenzene	5.00	4.83	96.6	80.0-121	
Chlorodibromomethane	5.00	5.21	104	77.0-125	
Chloroethane	5.00	5.51	110	47.0-150	
Chloroform	5.00	5.08	102	73.0-120	
Chloromethane	5.00	4.62	92.4	41.0-142	
Cyclohexane	5.00	4.62	92.4	71.0-124	
1,2-Dibromo-3-Chloropropane	5.00	5.00	100	58.0-134	J
1,2-Dibromoethane	5.00	5.00	100	80.0-122	
1,2-Dichlorobenzene	5.00	5.14	103	79.0-121	
1,3-Dichlorobenzene	5.00	5.42	108	79.0-120	
1,4-Dichlorobenzene	5.00	5.14	103	79.0-120	
Dichlorodifluoromethane	5.00	3.72	74.4	51.0-149	J

Laboratory Control Sample (LCS)

(LCS) R4120731-1 09/14/24 02:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1-Dichloroethane	5.00	4.79	95.8	70.0-126	
1,2-Dichloroethane	5.00	4.47	89.4	70.0-128	
1,1-Dichloroethene	5.00	4.60	92.0	71.0-124	
cis-1,2-Dichloroethene	5.00	5.08	102	73.0-120	
trans-1,2-Dichloroethene	5.00	4.68	93.6	73.0-120	
1,2-Dichloropropane	5.00	4.84	96.8	77.0-125	
cis-1,3-Dichloropropene	5.00	5.09	102	80.0-123	
trans-1,3-Dichloropropene	5.00	4.85	97.0	78.0-124	
Ethylbenzene	5.00	5.00	100	79.0-123	
2-Hexanone	25.0	21.8	87.2	67.0-149	
Isopropylbenzene	5.00	5.82	116	76.0-127	
2-Butanone (MEK)	25.0	24.6	98.4	44.0-160	
Methyl Acetate	25.0	23.7	94.8	57.0-148	
Methyl Cyclohexane	5.00	4.48	89.6	68.0-126	
Methylene Chloride	5.00	4.39	87.8	67.0-120	J
4-Methyl-2-pentanone (MIBK)	25.0	28.4	114	68.0-142	
Methyl tert-butyl ether	5.00	4.61	92.2	68.0-125	
Styrene	5.00	4.50	90.0	73.0-130	
1,1,2,2-Tetrachloroethane	5.00	5.30	106	65.0-130	
Tetrachloroethene	5.00	5.60	112	72.0-132	
Toluene	5.00	4.72	94.4	79.0-120	
1,2,3-Trichlorobenzene	5.00	5.53	111	50.0-138	
1,2,4-Trichlorobenzene	5.00	5.43	109	57.0-137	
1,1,1-Trichloroethane	5.00	5.30	106	73.0-124	
1,1,2-Trichloroethane	5.00	5.03	101	80.0-120	
Trichloroethene	5.00	5.11	102	78.0-124	
Trichlorofluoromethane	5.00	5.89	118	59.0-147	
1,1,2-Trichlorotrifluoroethane	5.00	4.70	94.0	69.0-132	
Vinyl chloride	5.00	5.10	102	67.0-131	
Xylenes, Total	15.0	14.9	99.3	79.0-123	
(S) Toluene-d8			*95.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*95.3*	*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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
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.

GLOSSARY OF TERMS

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

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
Arcadis - Chevron - NY

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

Pres Chk

Report to:
Alex Newbrough

Email To:
alex.newbrough@arcadis.com;jordan.gamble@

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: Oceanside, NY

Please Circle: PT MT CT ET

Phone: 724-934-9532

Client Project #
30062947.19.45

Lab Project #
CHEVARCNY-6518040

Collected by (print): Alec Fedele

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-27-D2-W- 240905	G	GW	-	9/5/24	2355	11	X	X	X	X	X	X	X	X			-01
MW-28-D2R-W-		GW				11	X	X	X	X	X	X	X	X				
MW-24-D2-W- 240905	G	GW	-	9/5/24	2300	11	X	X	X	X	X	X	X	X			-02
MW-24-VDR-W- 240905	G	GW	-	9/5/24	2305	11	X	X	X	X	X	X	X	X			-03
AMW-15-VD-W- 240905	G	GW	-	9/5/24	2145	11	X	X	X	X	X	X	X	X			-04
AMW-7R-W- 240905	G	GW	-	9/5/24	2050	11	X	X	X	X	X	X	X	X			-05
AMW-14-VD-W-		GW				11	X	X	X	X	X	X	X	X			
AMW-14-D2-W-		GW				11	X	X	X	X	X	X	X	X			
MW-28-D1-W-		GW				11	X	X	X	X	X	X	X	X			
MW-26-D2-W-		GW				11	X	X	X	X	X	X	X	X			

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

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 # 1775578
J113

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1097787**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: 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
	9/6/24	1300		5
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 143
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/7/24 Time: 0900

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: **Alex Newbrough**

Email To: **alex.newbrough@arcadis.com;jordan.gamble@**

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

City/State Collected: Oceanside, NY

Please Circle: PT MT CT (ET)

Phone: 724-934-9552

Client Project # **30062947.19.45**

Lab Project # **CHEVARCNY-6518040**

Collected by (print): Alec Fedele

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
MW-23-D2R-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-15-D2-W- 240905	G	GW	-	9/5/24	2140	11	X	X	X	X	X	X	X	X				-06
AMW-15-D3-W- 240905	G	GW	-	9/5/24	2210	11	X	X	X	X	X	X	X	X				-07
MW-23-D1R-W- 240905	G	GW	-	9/5/24	2115	11	X	X	X	X	X	X	X	X				-08
AMW-15-D1-W- 240905	G	GW	-	9/5/24	2205	11	X	X	X	X	X	X	X	X				-09
MW-27-D1R-W-		GW				11	X	X	X	X	X	X	X	X				
MW-26-D1-W-		GW				11	X	X	X	X	X	X	X	X				
MW-29-D1-W-		GW				11	X	X	X	X	X	X	X	X				
AMW-14-D1-W-		GW				11	X	X	X	X	X	X	X	X				
MW-24-D1R-W- 240905	G	GW	-	9/5/24	2325	11	X	X	X	X	X	X	X	X				-10

* 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)
	9/6/24	1300	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: °C Bottles Received: 143

Date: 9/5/24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

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

Chain of Custody Page 2 of 2

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 # 177557S

Table #

Acctnum: **CHEVARCNY**

Template: **T182105**

Prelogin: **P1097787**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Company Name/Address: **Arcadis - Chevron - NY**

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

Pres Chk

Report to: **Alex Newbrough**

Email To: **alex.newbrough@arcadis.com;jordan.gamble@**

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

City/State Collected: Oceanside, NY

Please Circle: PT MT CT (ET)

Phone: 724-934-9532

Client Project # **30062947.19.45**

Lab Project # **CHEVARCNY-6518040**

Collected by (print): Alec Fedele

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

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-240905	G	GW	—	9/5/24	2000	11	X	X	X	X	X	X	X	X			-11
BD-W-240905	G	GW	—	—	—	11	X	X	X	X	X	X	X	X			-12
FB-W-240905	G	GW	—	9/5/24	2355	11	X	X	X	X	X	X	X	X			-13
FB-W-[illegible]		GW				11	X	X	X	X	X	X	X	X			
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-240905	G	GW	—	—	—	1									X		-14
TB-W-240905	G	GW	—	—	—	1									X		-15

* 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)
	9/6/24	1300	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: °C Bottles Received: 143

Date: 9/7/24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

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

Chain of Custody Page 3 of 4

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122

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SDG # 1775578

Table #

Acctnum: **CHEVARCNY**

Template: **T182105**

Prelogin: **P1097787**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Company Name/Address:
Arcadis - Chevron - NY

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

Pres Chk

Report to:
Alex Newbrough

Email To:
alex.newbrough@arcadis.com;jordan.gamble@

Project Description:
POD 4 - Oceanside 6518040

City/State Collected: Oceanside, NY

Please Circle: PT MT CT (ET)

Phone: 724-934-9532

Client Project #
30062947.19.45

Lab Project #
CHEVARCNY-6518040

Collected by (print): Alec Fedele

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

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK,Cl,CO2,SULFATE 250mlHDPE-NoPres	FEICP,MNICP,NAICP 250mlHDPE-HNO3	FERUSFE,FERICFE 250mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	RSK175 40mlAmb HCl	SULFIDE 250mlAmb-S-NaOH+ZnAc	TOC 250mlHDPE-HCl	V8260TCLC 40mlAmb-HCl	V8260TCLC-TripBlank 40mlAmb-HCl-Blk		Remarks	Sample # (lab only)
TB-W- 240905	G	GW	—	—	—	1									X			-16

Chain of Custody Page 4 of 4

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 # 1775578

Table #

Acctnum: **CHEVARCNY**
Template: **T182105**
Prelogin: **P1097787**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: 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
	9/6/24	1300		3
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 143
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/7/24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

L1775578

Fed Ex tracking #	Gun ID	Temperature
404104789362	TLA9	3.6+.3=3.9
404104789351	TLA9	0.3+.3=0.6
404104789340	TLA9	0.6+.3=0.9

Name

9/7/24

Date