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

Dear Mr. Scharf,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis of New York, Inc. (Arcadis) has prepared this Third Quarter 2023 Groundwater Monitoring Report for the New York State Department of Environmental Conservation (NYSDEC) in accordance with the Order on Consent and Administrative Settlement for the former Gulf Oil Terminal in Oceanside, New York, NYDEC Site #130165 (site; **Figure 1**). This monitoring report summarizes the August 30 through September 1, 2023 groundwater sampling event. On December 7, 2017, NYDEC and CEMC agreed to quarterly progress reporting in lieu of monthly reporting. Relevant site features and existing groundwater monitoring wells are presented on **Figure 2**.

Groundwater Gauging

On August 30, 2023, 35 monitoring wells (AMW-3, AMW-13-D1, AMW-13-D2, AMW-13-VD, AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-15-D1, AMW-15-D2, AMW-15-VD, AMW-15-D3, AMW-7R, MW-18R, MW-23-D1R, MW-23-D2R, MW-24-D1R, MW-24-D2, MW-24-VDR, MW-26-D1, MW-26-D2, MW-26-VD, MW-27-D2, MW-27-D1R, MW-28-D1, MW-28-D2R, MW-29-D1, MW-29-D2, MW-29-VD, MW-30-D1, MW-30-D2, MW-30-VD, MW-31-D1R, MW-31-D2R, MW-32D, and OW-2-D1) were gauged prior to extracting HydraSleeves™.

Monitoring wells were gauged during high tide at the site on August 30, 2023. Measured depth-to-groundwater in the D1 horizon ranged from 2.09 feet below top of inner casing (btic) in MW-29-D1 to 6.92 feet btic in OW-2-D1. Measured depth-to-groundwater in the D2 horizon ranged from 2.12 feet btic in MW-29-D2 to 7.42 feet btic in MW-23-D2R. Measured depth-to-groundwater in the VD horizon ranged from 1.71 feet btic in MW-29-VD to 7.64 feet btic in MW-24-VDR. Groundwater elevation data were used to generate Groundwater Elevation Contour Maps for horizon D1, D2, and VD and are included as **Figures 3, 4, and 5**, respectively. The approximate groundwater flow direction for the D1 horizon is to the northeast, the D2 horizon is to the east, and for the VD horizon to the north-northeast. The well gauging data is summarized in **Table 1** and illustrated on **Figures 3, 4, and 5**.

Groundwater Sampling

On August 30 through September 1, 2023, groundwater samples were collected from HydraSleeves™ that were deployed in 20 monitoring wells (AMW-14-D1, AMW-14-D2, AMW-14-VD, AMW-7R, AMW-15-D1, AMW-15-D2, AMW-15-D3, AMW-15-VD, MW-18R, MW-23-D1R, MW-23-D2R, MW-24-D1R, MW-24-D2, MW-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. Prior to collection, groundwater parameters (pH, temperature, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity) were collected. The groundwater samples were placed in laboratory-supplied containers, packaged on ice, and transported to Pace Analytical Inc. in Mt. Juliet, Tennessee (New York Certification #11742). Groundwater samples were collected for:

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

The following summarizes the dissolved VOC constituents that were detected above the NYSDEC Technical and Operational Guidance Series (TOGS) guidance values in the samples collected during the Q3 2023 sampling event:

- Benzene exceeded the TOGS Water Guidance value of 1 microgram per Liter (µg/L) at monitoring wells AMW-14-D1 (3.38 µg/L), AMW-15-D1 (2.78 µg/L), AMW-15-VD (13.1 µg/L), MW-18R (41.1 µg/L), MW-24-D1R (7.98 [7.11 J] µg/L), MW-26-D1 (9.43 µg/L) MW-27-D1R (3.10 µg/L) and MW-28-D1 (1.74 µg/L).
- Ethylbenzene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring well MW-24-D1R (6.04 [5.16 J] µg/L)
- Xylene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring wells MW-18R (5.60 µg/L), MW-24-D1R (7.77 [6.13 J] µg/L) and MW-26-D1 (6.09 µg/L).
- Methyl tert-butyl ether (MTBE) exceeded the TOGS Water Guidance value of 10 µg/L at monitoring wells AMW-14-D1 (99.4 µg/L), AMW-15-D1 (73.7 µg/L), AMW-15-VD (42.7 µg/L), MW-18R (34.0 µg/L), MW-23-D2R (23.7 µg/L), MW-24-D1R (147 [122] µg/L), MW-24-D2 (49.5 µg/L), MW-26-D1 (46.2 µg/L) and MW-27-D1R (14.6 µg/L)
- Vinyl chloride exceeds the TOGS Water Guidance value of 2 µg/L at monitoring well MW-27-D1R (15.5 C3 µg/L)
- Trans-1,2-dichloroethene exceeded the TOGS Water Guidance value of 5 µg/L at monitoring wells MW-24-D1R (7.27 [6.11 J] µg/L)

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A blind duplicate sample was collected from monitoring well MW-24-D1R. Duplicate sample results were within acceptable ranges of the parent sample. The higher value of the parent/duplicate result is reported above to be conservative in reporting the data at the blind duplicate sample. The analytical results are summarized in **Table 2** and are illustrated on **Figure 6**. A Copy of the laboratory analytical report is included in **Attachment 2**. Historical groundwater analytical results are presented in **Table 3**. Following groundwater sampling, HydraSleeves™ were deployed in 20 monitoring wells.

Future Site Activities

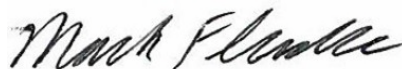
The next quarterly sampling event will be completed in November 2023. If you have any questions regarding this progress report or require any additional information, please do not hesitate to contact me at 724.934.9532 or at alex.newbrough@arcadis.com.

Sincerely,
Arcadis U.S., Inc.



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Project Manager

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Enclosures:

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Attachments

- 1 Groundwater Gauging and Sampling Logs
- 2 Laboratory Analytical Report

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Table 1
Groundwater Elevation Data – August 30, 2023
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	8/30/2023	2	12.39	9.05	ND	6.44	2.61
AMW-7R	8/30/2023	2	13.88	9.95	ND	6.12	3.83
MW-18R	8/30/2023	2	9.92	7.98	ND	4.58	3.40
D1 Horizon Monitoring Wells							
AMW-13-D1	8/30/2023	2	32.79	9.87	ND	6.54	3.33
AMW-14-D1	8/30/2023	2	32.66	9.38	ND	6.49	2.89
AMW-15-D1	8/30/2023	2	35.76	9.74	ND	6.68	3.06
MW-23-D1R	8/30/2023	2	26.23	9.84	ND	6.69	3.15
MW-24-D1R	8/30/2023	2	31.35	9.82	ND	6.89	2.93
MW-26-D1	8/30/2023	2	20.18	9.95	ND	6.89	3.06
MW-27-D1R	8/30/2023	2	32.34	9.01	ND	5.94	3.07
MW-28-D1	8/30/2023	2	30.18	8.25	ND	5.04	3.21
MW-29-D1	8/30/2023	2	21.84	5.21	ND	2.09	3.12
MW-30-D1	8/30/2023	2	29.81	8.74	ND	6.13	2.61
MW-31-D1R	8/30/2023	2	29.97	8.39	ND	5.64	2.75
MW-32D	8/30/2023	2	36.71	8.85	ND	6.38	2.47
OW-2-D1	8/30/2023	2	33.65	9.94	ND	6.92	3.02
D2 Horizon Monitoring Wells							
AMW-13-D2	8/30/2023	2	42.68	9.76	ND	6.59	3.17
AMW-14-D2	8/30/2023	2	42.70	9.37	ND	6.16	3.21
AMW-15-D2	8/30/2023	2	40.85	9.71	ND	6.65	3.06
MW-23-D2R	8/30/2023	2	45.94	10.52	ND	7.42	3.10
MW-24-D2	8/30/2023	2	41.76	10.00	ND	6.92	3.08
MW-26-D2	8/30/2023	2	8.36	9.40	ND	6.37	3.03
MW-27-D2	8/30/2023	2	46.27	9.09	ND	5.81	3.28
MW-28-D2R	8/30/2023	2	46.45	8.40	ND	5.29	3.11
MW-29-D2	8/30/2023	2	37.71	5.38	ND	2.12	3.26
MW-30-D2	8/30/2023	2	40.29	8.72	ND	5.91	2.81
MW-31-D2R	8/30/2023	2	45.79	8.35	ND	5.74	2.61
D3 Horizon Monitoring Wells							
AMW-15-D3	8/30/2023	2	71.06	9.81	ND	6.66	3.15
VD Horizon Monitoring Wells							
AMW-13-VD	8/30/2023	2	70.47	9.77	ND	6.22	3.55
AMW-14-VD	8/30/2023	2	74.33	9.25	ND	6.04	3.21
AMW-15-VD	8/30/2023	2	48.59	9.82	ND	6.35	3.47
MW-24-VDR	8/30/2023	2	65.89	9.72	ND	7.64	2.08
MW-26-VD	8/30/2023	2	64.98	9.99	ND	7.17	2.82
MW-29-VD	8/30/2023	2	59.66	5.27	ND	1.71	3.56
MW-30-VD	8/30/2023	2	82.52	8.70	ND	5.21	3.49

Notes:

*Top of casing elevations were surveyed by Borbas Surveying & Mapping, LLC, September 18, 2017 and re-drilled wells on June 1, 2018.

in = Inches

TOC = top of casing

NAVD 88 = North America Vertical Datum of 1988

LNAPL = light non aqueous phase liquid

ND = not detected

Table 2
Summary of Groundwater Sampling Results – August 30 through September 1, 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York



Lab Sample ID	Date Sampled	Volatile Organics										GC Volatiles - RSK-175	Inorganics			General Chemistry			
		Benzene	Toluene	Ethyl- benzene	Xylene (total)	Methyl-t- butyl ether	Isopropyl- benzene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro-ethene	Trichloro- ethene (Trichloro- ethylene)	Vinyl Chloride Chloroethene)	Carbon Dioxide	Iron	Manganese	Sodium	Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Nitrate- Nitrite
NYSDEC TOGS 1.1.1		1	5	5	5	10	5	5	5	5	2	NE	300	300	20,000	NE	250	NE	10,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	ug/L
AMW-14-D1	09/01/2023	3.38	<1.00	3.03	0.340 J	99.4	0.418 J	0.170 C3 J	3.51	<1.00	<1.00 C3	22.8 B T8	1,010	16.6	956,000	375,000	1,600	0.631	<1,000
AMW-14-D2	09/01/2023	<1.00	<1.00	<1.00	<3.00	3.56	<1.00	<1.00 C3	0.189 J	<1.00	<1.00 C3	128 B T8	154	71.3	2,130,000	768,000	3,900	<0.05	550
AMW-14-VD	09/01/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	180 T8	11,000	261	5,120,000	607,000	16,600	<0.1	<100
AMW-15-D1	08/31/2023	2.78	<1.00	0.937 J	<3.00	73.7	0.242 J	0.342 C3 J	0.718 J	0.293 J	<1.00 C3	47.3 B T8	66.0 J	18.5 B	1,240,000	485,000	2,260	<0.05	<100
AMW-15-D2	08/31/2023	0.102 J	<1.00	<1.00	<3.00	4.51	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	<20 T8	557	30.6	985,000	376,000	1,660	<0.05	<100
AMW-15-D3	08/31/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	0.281 C3 J	<1.00	2.93	<1.00 C3	<20 T8	759	16.2	114,000	56,000	207	0.579	793
AMW-15-VD	08/31/2023	13.1	1.78	1.28	2.94 J	42.7	0.512 J	9.33 C3	0.707 J	20.6	<1.00 C3	<20 T8	1,050	76.0	666,000	349,000	906	<0.05	71.5 J
AMW-7R	08/31/2023	0.153 J	<1.00	<1.00	0.342 J	<1.00	1.54	<1.00 C3	<1.00	<1.00	<1.00 C3	51.5 B T8	2,250	1,960	87,200	681,000	74.6	<0.1	<100
MW-18R	08/31/2023	41.1	2.96	0.984 J	5.60	34.0	3.55	0.198 C3 J	<1.00	<1.00	<1.00 C3	91.5 B T8	2,200	47.6	280,000	368,000	204	<0.1	<500
MW-23-D1R	08/31/2023	<1.00	<1.00	<1.00	<3.00	2.80	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	41.5 B T8	267	554	1,200,000	556,000	2,650	<0.05	<1,000
MW-23-D2R	08/31/2023	<1.00	<1.00	<1.00	<3.00	23.7	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	25.3 B T8	872	136	767,000	271,000	1,680	<0.05	<100
MW-24-D1R	08/30/2023	7.98 [7.11 J]	0.661 J [<10.0]	6.04 [5.16 J]	7.77 [6.13 J]	147 [122]	0.570 J [<10.0]	259 C3 J [<10.0 C	7.27 [6.11 J]	0.399 J [<10.0]	<1.00 C3 [<10.0 C3	92.0 T8 [72.2 B T8]	210 [1,580]	11.4 [44.0]	1,440,000 [1,560,000]	361,000 [575,000]	2,430 [2,730]	<0.1 [1.02]	<100 [<500]
MW-24-D2	08/30/2023	0.147 J	<1.00	<1.00	<3.00	49.5	<1.00	0.152 C3 J	0.234 J	<1.00	<1.00 C3	110 T8	1,990	62.6	2,020,000	677,000	3,590	1.45	<100
MW-24-VDR	08/30/2023	<1.00	<1.00	<1.00	<3.00	0.214 J	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	<20 T8	5,380	91.1	1,820,000	128,000	1,230	4.90	100 J
MW-26-D1	09/01/2023	9.43	0.616 J	4.03	6.09	46.2	0.705 J	<1.00 C3	0.310 J	<1.00	<1.00 C3	85.4 B T8	2,950	244	1,030,000	455,000	1,850	0.962	<1,000
MW-27-D1R	08/31/2023	3.10	0.370 J	0.355 J	0.829 J	14.6	<1.00	0.588 C3 J	1.54	<1.00	15.5 C3	122 B T8	135	48.0	2,120,000	772,000	3,730	<0.05	<1,000
MW-27-D2	08/31/2023	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	111 T8	3,550	928	2,550,000	326,000	7,340	<0.1	<100
MW-28-D1	08/31/2023	1.74	<1.00	0.581 J	0.191 J	4.40	<1.00	0.158 C3 J	<1.00	<1.00	<1.00 C3	105 B T8	2,630	200	1,440,000	593,000	2,850	1.65	<1,000
MW-28-D2R	08/31/2023	<1.00	<1.00	<1.00	<3.00	0.165 J	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	93.7 T8	191	252	1,890,000	360,000	3,910	0.0153 J	<100
MW-29-D1	09/01/2023	<1.00	<1.00	<1.00	<3.00	0.525 J	<1.00	<1.00 C3	<1.00	<1.00	<1.00 C3	<20 T8	1,750	52.4	63,800	34,200	14	<0.1	<100

Notes:
ID = Identification
NYSDEC = New York State Department of Environmental Conservation
TOGS = NYSDEC Technical and Operational Guidance Series ambient water quality standards and guidance values of June 1998
<1.0 = not detected at or above the reporting limit
mg/L = milligrams per liter
ug/L = micrograms per liter
Bold = detected concentration
Shade = concentration was above the TOGS
C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low.Method sensitivity check is acceptable.Data is likely to show a high bias concerning the result.
CaCO3 '= calcium carbonate
J = Analyte was detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
B =The same analyte is found in the associated blank.
T8 = Sample(s) received past/too close to holding time expiration.
NE = Not established
[] = Duplicate analysis results
-- = Not sampled

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

Location ID	Date Sampled	Volatile Organics											
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethene	1,1,2,2-Tetrachloro-ethene	1,1,2-Trichloro-ethene	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane	
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
AMW-12	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
AMW-13-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
AMW-13-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
AMW-13-VD	6/23/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	7/27/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
AMW-14-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	7/26/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.91 J	0.46 J	< 1.0	< 1.0	< 1.0	< 1.0	
	7/5/2017	< 4.0	< 4.0		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	
	10/11/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
	7/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.180 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	8/19/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.606 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	11/4/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.790 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	3/19/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.561 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	6/2/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J4	0.739 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	8/12/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.950 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	11/16/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.440 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	2/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.517 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	5/5/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.728 J	< 1.0 C3	< 5.0 C3	< 1.0	< 1.0	< 1.0	< 1.0
	8/24/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.564 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.959 J	< 1.0 C3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	3/9/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.376 C3 J	< 1.0	< 5.0 C3	< 1.0	< 1.0	< 1.0	< 1.0
	5/31/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.477 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/1/2023	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.314 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
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	< 1.0	< 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	
	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	8/19/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	11/5/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	3/19/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
	6/2/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J4	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	

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



Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.129 J	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.105 J	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.124 J	<1.00	<5.00	<1.00	<1.00	<1.00
	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
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	< 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	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
	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
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	< 5.0	< 5.0	< 5.0	< 5.0
5/9/2019		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	0.89 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
9/13/2019		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.75 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
12/5/2019		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2/11/2020		< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
6/10/2020		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
8/19/2020		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00 J4	<5.00
11/4/2020		<1.00	<1.00	<1.00	<1.00	<1.00	0.325 J	<1.00	<5.00	<1.00	<1.00	<1.00
3/19/2021		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
6/2/2021		<1.00 J3	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00 J3	<5.00	<1.00 J3	<1.00	<1.00 J3
11/16/2021		<1.00	<1.00	<1.00	<1.00	<1.00	0.665 J	<1.00	<5.00	<1.00	<1.00	<1.00

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethene	1,1,2,2-Tetrachloro-ethene	1,1,2-Trichloro-ethene	1,1,2-Trichloroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1 (cont.)	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.657 J	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.216 J	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.375 J	<1.00	<5.00	<1.00	<1.00	<1.00
	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
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	< 1.0	< 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
	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
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	< 1.0	< 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
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	0.187 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.104 J	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/4/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.139 J	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3 (cont.)	2/1/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	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
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	< 1.0	< 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
	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
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	< 1.0	< 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
	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
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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichloroethane (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
		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ASB-5	6/2/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-7	6/2/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	7/11/2018	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	10/17/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<5.00	<5.00	<5.00	<5.00 J4	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	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
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0 *	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethene	1,1,2,2-Tetrachloro-ethene	1,1,2-Trichloro-ethene	1,1,2-Trichloroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/18/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/9/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	6/1/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-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	< 5.0	< 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 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	0.72 J [0.69 J]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]
	12/5/2019	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	0.36 J [0.71 J]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]
	2/11/2020	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 * [$\leq$ 1.0]	< 1.0 * [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	0.46 J [0.59 J]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]	< 1.0 [$\leq$ 1.0]
	6/9/2020	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	22	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<25.0 [$\leq$ 25.0]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]
	8/19/2020	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<25.0 [$\leq$ 25.0]	<5.00 [$\leq$ 5.00]	<5.00 J4 [$\leq$ 5.00 J4]	<5.00 [$\leq$ 5.00]
	11/5/2020	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<25.0 [$\leq$ 25.0]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]	<5.00 [$\leq$ 5.00]
	3/19/2021	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	0.457 J [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<5.00 [$\leq$ 25.0]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]
	6/1/2021	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 J4 [$\leq$ 5.00]	0.406 J [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<5.00 [$\leq$ 25.0]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]	<1.00 [$\leq$ 5.00]
	11/16/2021	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00 C3]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	0.327 J [0.365 J]	<1.00 [$\leq$ 1.00]	<5.00 [$\leq$ 5.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]
	2/2/2022	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	0.331 J [0.363 J]	<1.00 C3 [$\leq$ 1.00 C3]	<5.00 [$\leq$ 5.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]
	5/4/2022	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	0.344 J [0.408 J]	<1.00 C3 [$\leq$ 1.00 C3]	<5.00 [$\leq$ 5.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]
	8/24/2022	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	0.322 J [0.302 J]	<1.00 [$\leq$ 1.00]	<5.00 [$\leq$ 5.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]
	11/29/2022	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	0.330 J [0.280 J]	<1.00 C3 [$\leq$ 1.00 C3]	<5.00 [$\leq$ 5.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]	<1.00 [$\leq$ 1.00]
	3/10/2023	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	0.252 J [$\leq$ 10.0]	<1.00 C3 [$\leq$ 10.0 C3]	<5.00 [$\leq$ 50.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]
	5/31/2023	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	0.286 J [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<5.00 [$\leq$ 50.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]
	8/30/2023	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	1.00 J3 [$\leq$ 10.0 J]	0.306 J [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<5.00 [$\leq$ 50.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]	<1.00 [$\leq$ 10.0]
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	< 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
	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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichloroethane (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
		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2 (cont.)	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	0.293 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.210 J	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.553 J	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.611 J	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	0.467 J	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.324 J	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.354 J	<1.00	<5.00	<1.00	<1.00	<1.00
	5/4/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.594 J	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/24/2022	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	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
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	< 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
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/18/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00 J4	<1.00
	11/5/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<1.00	<5.00 C3	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<1.00	<1.00	<1.00	<1.00 J3	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
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	< 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	0.285 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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichlorotri-fluoroethane (Freon 113)	1,1-Dichloro-ethane	1,2,4-Trichloro-benzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromo-ethane	1,2-Dichloro-benzene (o-Dichloro-benzene)	1,2-Dichloro-ethane
NYSDEC TOGS 1.1.1		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/5/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.102 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-27-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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
	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	<25.00	<5.00	<5.00	<5.00
	11/6/2020	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.00	<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
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	< 1.0	< 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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichloroethane (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
		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.4 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<1.00 J4	<1.00	0.430 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.483 J	<1.00	<5.00	<1.00	<1.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<1.00	<1.00	0.118 J	<1.00	<5.00	<1.00	<1.00	<1.00
	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.242 J	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	0.149 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 J4	<5.00	<1.00	<1.00	<1.00
	11/17/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.282 J	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.204 J	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.195 J	<1.00	<5.00	<1.00	<1.00	<1.00
	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
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	< 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	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	< 1.0	< 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
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	< 1.0	< 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

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

Location ID	Date Sampled	Volatile Organics										
		1,1 Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1,2-Trichloroethane (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
		5	5	5	1	5	5	5	0.04	0.0006	3	0.6
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	3/20/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.217 J	<1.00	<5.00	<1.00	<1.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<1.00	<1.00 J4	0.211 J	<1.00	<5.00	<1.00	<1.00	<1.00
	8/12/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.147 J	<1.00 J4	<5.00	<1.00	0.401 J	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<1.00	<1.00	0.180 J	<1.00	<5.00	<1.00	0.392 B J	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.256 J	<1.00	<5.00	<1.00	<1.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.672 J	<1.00 C3	<5.00 C3	<1.00	<1.00	<1.00
	8/25/2022	<1.00	<1.00	<1.00	<1.00	<1.00	0.590 J	<1.00	<5.00	<1.00	<1.00	<1.00
	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
MW-29-D1	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
	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	< 1.0	< 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
	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	<1.00 C3	<5.00 C3	<1.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00 C3	<5.00	<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	
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	< 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	< 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	< 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-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 August 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	25 J	80	< 5.0	< 5.0	< 5.0
AMW-13-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	6.5 J	< 1.0	0.99 J	3.4	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	3.4 J	4.5	< 1.0	1.1	< 1.0
AMW-13-D2	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	3.3 J	3.2 J	< 1.0	0.97 J	4.2	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	4.8 J	< 1.0	< 1.0	0.62 J	< 1.0
AMW-13-VD	6/23/2016	< 1.0	< 1.0	< 1.0	3.2 J	< 5.0	< 5.0	18	< 1.0	< 1.0	3.1	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	5.8 J	< 5.0	2.4 J	46	< 1.0	< 1.0	< 1.0	< 1.0
AMW-14-D1	6/24/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	4.6 J	< 1.0	0.85 J	2.5	< 1.0
	7/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	3.9 J	4.3	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	2.0 J	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	4.7	< 2.0	< 2.0	< 2.0
	7/12/2018	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	5.3 J	< 8.0	< 8.0	< 8.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	0.98 J	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	7.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	0.64 J	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	1.8	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	3.1	< 1.0	< 1.0	< 1.0
	6/10/2020	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	0.533 J	< 1.00	< 1.00	< 500
	8/19/2020	< 1.00	< 1.00 J4	< 1.00 J4	< 100	< 100	< 100	< 500	5.40	< 1.00	< 1.00	< 500
	11/4/2020	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	7.94	< 1.00	< 1.00 C3 J4	< 500
	3/19/2021	< 1.00	< 1.00	< 1.00	< 100	< 100	1.41 J	< 500	3.41	< 1.00	< 1.00 C3	< 500
	6/2/2021	< 1.00	< 1.00	< 1.00	< 100 C3	< 100	< 100	< 500 C3	6.24	< 1.00	< 1.00	< 500
	8/12/2021	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	5.51	< 1.00	< 1.00	< 500
	11/16/2021	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500 C3	2.10	< 1.00	< 1.00	< 500
	2/2/2022	< 1.00 J4	< 1.00	< 1.00	< 100	< 100	0.952 J	< 500 J4	4.61	< 1.00	< 1.00	< 500 C3
	5/5/2022	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	4.62	< 1.00	< 1.00	< 500
	8/24/2022	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100 C3 J4	< 500	3.90	< 1.00	< 1.00	< 500 C3
	11/29/2022	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	5.87	< 1.00	< 1.00	< 500
	3/9/2023	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500 J4	3.35	< 1.00	< 1.00	< 500
	5/31/2023	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	5.2	< 1.00	< 1.00	< 500
	9/1/2023	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	3.38	< 1.00	< 1.00 C3	< 500
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	< 50	< 50	< 50	< 50	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 50	< 50	< 50	< 50	< 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	< 500
	8/19/2020	< 10.0	< 10.0 J4	< 10.0 J4	< 100	< 100	< 100	< 500	< 10.0	< 10.0	< 10.0	< 500
	11/5/2020	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	< 1.00	< 1.00	< 1.00	< 500
	3/19/2021	< 1.00	< 1.00	< 1.00	< 100	< 100	< 100	< 500	< 1.00	< 1.00	< 1.00 C3	< 500
	6/2/2021	< 1.00	< 1.00	< 1.00	< 100 C3	< 100	< 100	< 500 C3	0.249 BJ	< 1.00	< 1.00	< 500

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-14-D2 (cont.)	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	0.154 J	<1.00	<1.00	<5.00 C3
	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	
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	< 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
AMW-15-D1	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	2.1 J	4.2 J	0.48 J	< 1.0	2.2	< 1.0
	7/27/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	3.9 J	< 5.0	< 5.0	< 5.0
	10/26/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	11	< 10	< 10	< 10
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	5.1	< 4.0	< 4.0	< 4.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	12	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	11	< 2.0	< 2.0	< 2.0
	10/17/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	12	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	6.3	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	6.2	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	6.6	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	1.8	< 1.0	< 1.0	< 1.0
	6/10/2020	< 5.00	< 5.00	< 5.00	< 50.0	< 50.0	< 50.0	< 250	6.35	< 5.00	< 5.00	< 25.0
	8/19/2020	< 5.00	< 5.00	< 5.00	< 50.0	< 50.0	< 50.0	< 250	4.70 J	< 5.00	< 5.00	< 25.0
	11/4/2020	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0	3.55	< 1.00	< 1.00	< 5.00
	3/19/2021	< 5.00	< 5.00	< 5.00	< 50.0	< 50.0	< 50.0	< 250	5.80	< 5.00	< 5.00 C3	< 25.0
	6/2/2021	< 1.00	< 1.00	< 1.00	< 10.0 J3	< 10.0	< 10.0 J3	< 50.0	1.74	< 1.00 J3	< 1.00	3.35 J
	11/16/2021	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0 C3	6.78	< 1.00	< 1.00	< 5.00

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



Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1 (cont.)	2/1/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	6.26	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	2.06	<1.00	<1.00	<5.00
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	4.13	<1.00	<1.00	<5.00 C3
	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
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
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	6.9 J	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	7.3 J	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	3.6 J	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	36 J	3.7 J	< 4.0	< 4.0	< 4.0
	10/11/2017	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	16 J	< 2.0	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.29 J	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.664 J	<1.00	<1.00	<5.00
	11/4/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.430 J	<1.00	<1.00 C3 J4	<5.00
	3/19/2021	<1.00	<1.00	<1.00	11.0	<10.0	0.640 J	62.4	12.8	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	3.00 C3J	<10.0	<10.0	17.1 C3J	2.75	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	22.8	<10.0	0.960 J	84.1 C3	15.4	<1.00	<1.00 C3	<5.00
11/16/2021	<1.00	<1.00	<1.00	16.2	<10.0	0.843 J	60.5 C3	9.89	<1.00	<1.00	<5.00	

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D3 (cont.)	2/1/2022	<1.00	<1.00	<1.00	18.6 C5	<10.0	0.808 J	89.0	7.72	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	11.3	<10.0	1.08 J	64.7	7.96	<1.00	<1.00	<5.00
	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
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
AMW-3	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	280	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	3.4 J	< 5.0	< 5.0	21	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	30 J	5.7	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	6.2 J	1.1	< 1.0	< 1.0	< 1.0
	7/11/2018	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	0.82 J	< 2.0	< 2.0	< 2.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	8.1 J	0.78 J	< 1.0	< 1.0	< 1.0
	5/10/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.69 J	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.39 J	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.89 J	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.82 J	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.926 J	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	0.566 J	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.214 J	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.0960 J	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	1.08 B	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.109 J	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.124 J	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.395 J	<1.00	<1.00	<5.00
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.987 J	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	1.79	<1.00	<1.00	<5.00 C3
6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3	
8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.153 J	<1.00	<1.00 C3	<5.00	
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

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ASB-5	6/2/2016	< 1.0	< 1.0	< 1.0	1.4 J	< 5.0	5	12	< 1.0	1.5	< 1.0	< 1.0
ASB-7	6/2/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	5.3 J	< 20	< 2.0	3.3	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 100	< 50	< 50	< 100	310	< 10	< 10	< 10
	7/11/2018	< 20	< 20	< 20	74 J	< 100	< 100	330	48	< 20	< 20	< 20
	10/17/2018	< 5.0	< 5.0	< 5.0	70 J	< 50	< 50	230	69	< 5.0	< 5.0	< 5.0
	9/14/2019	< 1.0	< 1.0	< 1.0	10	< 5.0	2.2 J	47	85	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	33	3.7 J	2.9 J	130	74	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	19	0.29 J	< 1.0	< 1.0	< 1.0
	6/9/2020	< 5.00	< 5.00	< 5.00	10.7 J	< 50.0	< 50.0	< 250	27.0	< 5.00	< 5.00	< 25.0
	3/19/2021	< 1.00	< 1.00	< 1.00	12.6	1.62 J	1.76 J	44.4 J	8.34	< 1.00	< 1.00	< 5.00
	6/2/2021	< 1.00	< 1.00	< 1.00	3.59 C3J	< 10.0	0.967 J	16.8 C3J	8.23	< 1.00	< 1.00	< 5.00
	8/12/2021	< 1.00	< 1.00	< 1.00	14.0	< 10.0	2.81 J	68.6	33.2	< 1.00	< 1.00	< 5.00
	11/16/2021	< 1.00	< 1.00	< 1.00	5.30 J	< 10.0	1.95 J	16.2 C3 J	45.3	< 1.00	< 1.00	< 5.00
	2/2/2022	< 1.00	< 1.00	< 1.00	6.33 J	< 10.0	1.05 J	17.3 J	7.11	< 1.00	< 1.00	< 5.00
	5/5/2022	< 1.00	< 1.00	< 1.00	6.75 J	< 10.0	< 10.0	< 50.0	11.7	< 1.00	< 1.00	< 5.00
	8/25/2022	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0 C3 J4	< 10.0	13.4 J	54.3	< 1.00	< 1.00	< 5.00 C3
	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
MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 2.0	< 20	< 10	< 10	< 20	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	6.4 J	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	2.7 J	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	3.8	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	1.5	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	1.4	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	0.56 J	< 1.0	< 1.0	< 1.0
	6/10/2020	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0	0.408 J	< 1.00	< 1.00	< 5.00
	8/19/2020	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0	0.312 J	< 1.00	< 1.00	< 5.00
	11/5/2020	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0	0.0955 J	< 1.00	< 1.00 C3	< 5.00 C3
	3/19/2021	< 1.00	< 1.00	< 1.00	< 10.0	< 10.0	< 10.0	< 50.0	0.150 J	< 1.00	< 1.00	< 5.00
	6/2/2021	< 1.00	< 1.00	< 1.00	< 10.0 C3	< 10.0	< 10.0	< 50.0 C3	0.158 B J	< 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
MW-23-D2R	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
	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	

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	1.8	< 1.0	< 1.0	< 1.0
	8/19/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.407 J	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/18/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.110 J	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	0.0948 BJ	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.134 J	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.0984 J	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.124 J	<1.00	<1.00	<5.00
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
	8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 50	< 25	< 25	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	5.4	< 4.0	< 4.0	< 4.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	4.1	< 1.0	< 1.0	< 1.0
	10/26/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	4.9	< 1.0	< 1.0	< 1.0
	10/26/2016	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 8.0	< 8.0	< 8.0	< 80	< 40	< 40	< 80	11	< 8.0	< 8.0	< 8.0
	10/16/2018	< 5.0	< 5.0	< 5.0	< 250	< 50	< 50	< 130	8.3	< 5.0	< 5.0	< 5.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	1.5	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 5.0 [<5.0]	< 5.0 [<5.0]	13 [13]	< 1.0 [<1.0]	< 1.0* [<1.0 *]	< 1.0 [<1.0]
	12/5/2019	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 5.0 [<5.0]	9.4	5.7 [11]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	2/11/2020	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 5.0 [<5.0]	< 5.0 [<5.0]	< 5.0 [<5.0]	6[<5.0]	8.9 [13]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]
	6/9/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	10.3 [11.7]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	8/19/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	10.2 [9.74]	<5.00 [<5.00]	<5.00 [<5.00]	<25.0 [<25.0]
	11/5/2020	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	<50.0 [<50.0]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]	10.9 [8.99]	<5.00 [<5.00]	<5.00 C3 [<5.00 C3]	<25.0 C3 [<25.0 C3]
	3/19/2021	<1.00 [<5.00]	<1.00 [<5.00]	<1.00 [<5.00]	<10.0 [<50.0]	<10.0 [<50.0]	0.587 J[<50.0]	<50.0 [<250]	11.3 [11.5]	<1.00 [<5.00]	<1.00 [<5.00]	<5.00 [<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 C	<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]
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

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2 (cont.)	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.367 J	<1.00	<1.00	<5.00
	8/18/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.227 J	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.581 J	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	1.08	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.662 J	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	0.681 BJ	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.406 J	<1.00	<1.00	<5.00
	2/2/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.259 J	<1.00	<1.00	<5.00
	5/4/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	0.559 J	<1.00	<1.00	<5.00
	8/24/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	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
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 4.0	< 40	< 20	< 20	< 40	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 50	< 10	< 10	< 25	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	2.4	< 1.0	< 1.0 *	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	5.5	7.2	< 1.0	< 1.0 *	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/18/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/5/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/19/2021	<1.00	<1.00	<1.00	<10.0	<10.0	2.68 J	139	<1.00	<1.00	<1.00	<5.00
	6/1/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	0.126 BJ	<1.00	<1.00	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	0.125 J	<1.00	<1.00	<5.00
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	3/10/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	5/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/30/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
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

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

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

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/19/2020	<1.00	<1.00 J4	<1.00 J4	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	11/6/2020	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00 C3
	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	0.263 BJ	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/17/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	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
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
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

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

Location ID	Date Sampled	Volatile Organics										
		1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (Methyl ethyl ketone)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform	Bromomethane (Methyl bromide)
NYSDEC TOGS 1.1.1		1	3	3	50	50	NE	50	1	50	50	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	3/20/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	6/2/2021	<1.00	<1.00	<1.00	<10.0 C3	<10.0	<10.0	<50.0 C3	0.174 BJ	<1.00	<1.00	<5.00
	8/12/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00 C3	<5.00
	11/16/2021	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00
	2/2/2022	<1.00 J4	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00 C3
	5/5/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	8/25/2022	<1.00	<1.00	<1.00	<10.0	<10.0 C3 J4	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00 C3
	11/29/2022	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00	<5.00
	3/9/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 J4	<1.00	<1.00	<1.00	<5.00
	6/1/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0 C3	<1.00	<1.00	<1.00	<5.00 C3
8/31/2023	<1.00	<1.00	<1.00	<10.0	<10.0	<10.0	<50.0	<1.00	<1.00	<1.00 C3	<5.00	
MW-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
	MW-29-D2	1/14/2016	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 5.0	< 10	< 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 August 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	12	< 5.0	< 5.0	< 5.0
AMW-13-D1	6/24/2016	2.7	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	< 1.0	< 1.0	< 1.0	2.4	< 1.0	< 1.0
	7/27/2016	2.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.82 J	< 1.0	1.8
AMW-13-D2	6/23/2016	0.66 J	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	< 1.0	< 1.0	< 1.0	2.6	< 1.0	< 1.0
	7/27/2016	12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	< 1.0	< 1.0
AMW-13-VD	6/23/2016	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	< 1.0
	7/27/2016	7.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-14-D1	6/24/2016	2.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2	< 1.0	< 1.0
	7/26/2016	2.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1	< 1.0	1.9	< 1.0	< 1.0	3.6
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	1.3 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3	< 2.0	< 2.0	7.2
	7/12/2018	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	7.5 J
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	1
	5/10/2019	0.79 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	< 1.0	5.9
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.43 J
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.3 J	< 1.0 *	0.88 J	< 1.0 *	< 1.0	2.7
	6/10/2020	0.294 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.427 J	< 1.00	< 1.00	< 1.00	< 5.00	0.486 J
	8/19/2020	0.615 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	6.29
	11/4/2020	< 1.00	< 1.00 C3	< 1.00	< 5.00	< 5.00	< 2.50	0.221 J	< 1.00	2.02	< 1.00	< 5.00	6.53
	3/19/2021	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50 C3	0.214 J	< 1.00	1.33	< 1.00	< 5.00	3.34
	6/2/2021	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50 C3	0.144 J	< 1.00	2.30 C5J4	< 1.00	< 5.00	6.68
	8/12/2021	0.713 J	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50 J4	< 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
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 August 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

[illegible]

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
AMW-15-D1 (cont.)	2/1/2022	0.394 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.168 J	<1.00	1.10	<1.00	<5.00	5.05
	5/5/2022	<1.00 C3	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	1.61
	8/24/2022	1.30	<1.00	<1.00	<5.00	<5.00	<2.50	0.542 J	<1.00	0.665 J	<1.00	<5.00	2.63
	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
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
	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
6/23/2016		4.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7/27/2016		1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
8/27/2017		1.8 J	<4.0	<4.0	<4.0	<4.0	<4.0	19	<4.0	<4.0	<4.0	<4.0	3.4 J
10/11/2017		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
7/13/2018		0.70 J	<2.0	<2.0	<2.0	<2.0	<2.0	3.1	<2.0	<2.0	<2.0	<2.0	<2.0
10/17/2018		0.42 J	<1.0	<1.0	<1.0	<1.0	<1.0	0.44 J	<1.0	<5.0	<1.0	<1.0	<1.0
5/10/2019		0.29 J	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
9/13/2019		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
12/5/2019		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2/11/2020		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.99 J	<1.0*	<1.0	<1.0	<1.0	<1.0
6/9/2020		0.318 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
8/19/2020		1.93	<1.00	<1.00	<5.00	<5.00	<2.50	1.73	<1.00	<1.00	<1.00	<5.00	0.161 J
11/4/2020		<1.00	<1.00 C3	<1.00	<5.00	<5.00	<2.50	0.951 J	<1.00	<1.00	<1.00	<5.00	<1.00
3/19/2021		1.23	<1.00	<1.00	<5.00	<5.00	<2.50	13.0	<1.00	0.672 J	<1.00	<5.00	1.97
6/1/2021		1.29	<1.00	<1.00	<5.00	<5.00	<2.50 C3	3.81	<1.00	0.193 J J4	<1.00	<5.00	0.562 B J
8/12/2021		5.26	<1.00	<1.00	<5.00	<5.00	<2.50	14.3	<1.00	0.639 J	<1.00	<5.00	2.22 B
11/16/2021		2.96	<1.00	<1.00	<5.00	<5.00	<2.50	12.1	<1.00	0.861 J	<1.00	<5.00	1.57

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

Location ID	Date Sampled	Volatile Organics												
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
AMW-15-D3 (cont.)	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	<1.00	<5.00 C3	<5.00	<2.50	<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	
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	<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	<1.00	<5.00	<5.00	<2.50	9.33 C3	<1.00	0.566 J	<1.00	<5.00	1.28
AMW-3	1/13/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	57	<5.0	<5.0	29	
	6/21/2016	0.51 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
AMW-7R	1/12/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/21/2016	0.43 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	18	<1.0	<1.0	<1.0	
	7/11/2018	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	16	<2.0	<2.0	<2.0	
	10/17/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	29	<1.0	<1.0	0.19 J	
	5/10/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	19	<1.0	<1.0	0.39 J	
	9/14/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	16	<1.0	<1.0	<1.0	
	12/6/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	<1.0	0.49 J	
	2/12/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 *	17	<1.0	<1.0	0.49 J	
	6/9/2020	<1.00	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	13.5	<1.00	<5.00	0.805 J	
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	14.6	<1.00	<5.00	0.331 J	
	11/6/2020	0.271 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	11.6	<1.00	<5.00	<1.00	
	3/19/2021	0.140 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	2.77	<1.00	<5.00	<1.00	
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	11.9 C5 J4	<1.00	<5.00	0.892 B J	
	8/12/2021	1.06 B	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	4.00	<1.00	<5.00	<1.00	
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	4.88	<1.00	<5.00	<1.00	
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	2.01	<1.00	<5.00	<1.00	
	11/29/2022	0.157 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	5.97 C5	<1.00	<5.00	0.461 J	
	3/10/2023	0.564 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	2.86	<1.00	<5.00	0.992 J	
6/1/2023	<1.00	<1.00	<1.00	<5.00 C3	<5.00	<2.50	<1.00	<1.00	1.74	<1.00	<5.00	<1.00		
8/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	3.65 C3	<1.00	<5.00	<1.00		
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	

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ASB-5	6/2/2016	0.53 J	< 1.0	< 1.0	< 1.0	19	< 1.0	2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ASB-7	6/2/2016	1.1 J	< 2.0	< 2.0	< 2.0	21	< 2.0	67	< 2.0	< 2.0	0.65 J	< 2.0	< 2.0
MW-18R	6/22/2016	< 10	< 10	< 10	< 10	< 10	< 10	14	< 10	20	< 10	< 10	< 10
	7/11/2018	6.2 J	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	10/17/2018	2.4 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	8.3 J	< 5.0	< 5.0	1.2 J
	9/14/2019	3.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	6.7	< 1.0	< 1.0	1.4
	12/5/2019	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	7.2	< 1.0	< 1.0	1.6
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	0.66 J	< 1.0	< 1.0	< 1.0
	6/9/2020	1.26 J	<5.00	<5.00 J4	<25.0	<25.0	<12.5	<5.00	<5.00	2.51 J	<5.00	<25.0	1.27 J
	3/19/2021	1.28	<1.00	<1.00	<5.00	<5.00	<2.50	0.268 J	<1.00	4.84	<1.00	<5.00	0.672 J
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	1.44 C5 J4	<1.00	<5.00	0.274 B J
	8/12/2021	2.58	<1.00	<1.00	<5.00	<5.00	<2.50 J4	<1.00	<1.00	3.32	<1.00	<5.00	0.916 J
	11/16/2021	1.98	<1.00	<1.00	<5.00	<5.00	<2.50	0.357 J	<1.00	6.05	<1.00	<5.00	1.35
	2/2/2022	1.21	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	2.95	<1.00	<5.00	0.658 J
	5/5/2022	0.804 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	3.77	<1.00	<5.00	0.826 J
	8/25/2022	1.76	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	1.81	<1.00	<5.00	0.537 J
	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
MW-23-D1R	10/26/2016	0.53 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.40 J	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	0.29 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.72 J	< 1.0	0.41 J	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.35 J	< 1.0 *	< 1.0	< 1.0	< 1.0 *	< 1.0
	6/10/2020	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.382 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	8/19/2020	0.671 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.517 J	< 1.00	0.267 J	< 1.00	< 5.00	< 1.00
	11/5/2020	0.400 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.267 J	< 1.00	0.259 J	< 1.00	< 5.00	< 1.00
	3/19/2021	0.142 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.196 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	6/2/2021	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50 C3	0.245 J	< 1.00	< 1.00 J4	< 1.00	< 5.00	< 1.00
	8/12/2021	8.06	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.388 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	11/16/2021	1.06	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.529 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	2/2/2022	0.202 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.388 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	5/5/2022	< 1.00 C3	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.215 C3 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	8/25/2022	0.296 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50 C3	0.582 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	11/29/2022	< 1.00	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	0.137 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	3/9/2023	0.112 J	< 1.00	< 1.00	< 5.00	< 5.00 C3	< 2.50	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	6/1/2023	0.593 J	< 1.00	< 1.00	< 5.00 C3	< 5.00	< 2.50	0.308 J	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00
	8/31/2023	0.740 J	< 1.00	< 1.00	< 5.00	< 5.00	< 2.50	< 1.00 C3	< 1.00	< 1.00 C3	< 1.00	< 5.00	< 1.00
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	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	

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

Location ID	Date Sampled	Volatile Organics												
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene	
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	8/19/2020	0.253 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	11/5/2020	0.447 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	3/18/2021	0.119 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00	
	8/12/2021	4.96	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	8/25/2022	0.342 J	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
	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	
MW-24-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
	6/21/2016	1.6 J	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	4.9	< 4.0	1.9 J	< 4.0	< 4.0	3.1 J	
	10/26/2016	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4	< 1.0	1.6	< 1.0	< 1.0	2.3	
	10/26/2016	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.1	< 1.0	1.4	< 1.0	< 1.0	2.2	
	10/26/2016	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	
	7/12/2018	2.1 J	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	7.1 J	
	10/16/2018	1.4 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	6.1	
	5/9/2019	0.62 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	
	9/13/2019	3.2 [1.8]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	1.1	< 1.0 [1.0]	< 1.0 [1.0]	< 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]	< 1.0 [1.0]	2.4 [7.2]
	2/11/2020	1.5 [1.4]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 [1.0]	< 1.0 * [1.0]	0.65 J [1.]	< 1.0 * [1.0]	< 1.0 [1.0]	5.7 [8.9]
	6/9/2020	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	<25.0 [25.0]	<12.5 [12.5]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	8.28 [8.90]
	8/19/2020	8.28 [3.68 J]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	<25.0 [25.0]	<12.5 [12.5]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	6.80 [6.57]
	11/5/2020	2.27 J [2.18 J]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	<25.0 [25.0]	<12.5 [12.5]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<5.00 [5.00]	<25.0 [25.0]	7.18 [5.76]
	3/19/2021	0.811 J [5.00]	<1.00 [5.00]	<1.00 [5.00]	<5.00 [25.0]	<5.00 [25.0]	<2.50 [12.5 C3]	0.131 J [5.00]	<1.00 [5.00]	0.766 J [5.00]	<1.00 [5.00]	<5.00 [25.0]	<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]	<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]	<5.00 [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]	<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]	<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]	<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]	<5.00 [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]	<5.00 [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]	<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]	<5.00 [50.0]	6.04 [5.16 J]
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	

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24-D2 (cont.)	6/9/2020	0.167 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	0.467 J	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/18/2020	0.266 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.364 J	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	0.931 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.809 J	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	0.376 J	<1.00	<1.00	<5.00	0.197 J	<2.50	0.652 J	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<5.00	0.122 J	<2.50 C3	0.514 J	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	11/16/2021	1.19	<1.00	<1.00	<5.00	<5.00	<2.50	0.555 J	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	0.358 J	<1.00	<1.00	<1.00	<5.00	<1.00
	5/4/2022	0.415 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.464 J	<1.00	<1.00	<1.00	<5.00	<1.00
	8/24/2022	0.166 J	<1.00 J4	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	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
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	0.64 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/9/2019	0.30 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	0.347 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	0.206 J	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/18/2020	0.394 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.140 J	<1.00	<1.00	<1.00	<5.00	<1.00
	11/5/2020	0.423 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.218 J	<1.00	<1.00	<1.00	<5.00	<1.00
	3/19/2021	0.150 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/1/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	0.141 J	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	11/16/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/29/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/10/2023	0.115 J	<1.00	<1.00	<5.00	<5.00 C3	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/31/2023	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/30/2023	0.168 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00	<1.00	<5.00	<1.00
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

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-26-D2	1/12/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/22/2016	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.86 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/25/2016	0.60 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/25/2016	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/5/2017	0.37 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
	10/11/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	0.39 J
	5/9/2019	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	0.44 J
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	0.254 J	<1.00	<1.00	<1.00	<5.00	<1.00
	8/19/2020	0.204 J	<1.00	<1.00	<5.00	<5.00	<2.50	0.398 J	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	0.770 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/22/2016	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MW-27-D1R	1/13/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	0.66 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	8/27/2017	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	0.64 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/18/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/10/2019	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.80 J	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J
	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.95 J	< 1.0	< 1.0	< 1.0	< 1.0	0.48 J
	8/19/2020	0.852 J	<5.00	<5.00	<25.0	<25.0	<12.5	0.855 J	<5.00	<5.00	<5.00	<25.0	<5.00
	11/6/2020	1.74 J	<5.00	<5.00	<25.0	<25.0	<12.5	1.13 J	<5.00	<5.00	<5.00	<25.0	<5.00
	3/20/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	0.751 J	<1.00	<1.00	<1.00	<5.00	0.263 J
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	0.790 J	<1.00	<1.00 J4	<1.00	<5.00	0.387 B J
	8/12/2021	10.7	<1.00	<1.00	<5.00	<5.00	<2.50	0.635 J	<1.00	<1.00	<1.00	<5.00	0.322 B J
	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	<5.00 C3	<2.50	<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
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

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27-D2 (cont.)	12/5/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	0.133 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	3/20/2021	0.155 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	0.193 B J
	8/12/2021	0.421 B J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/17/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/25/2022	0.143 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	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
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	< 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	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
MW-28-D2R	6/24/2016	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/28/2016	0.52 J	< 1.0	< 1.0	< 1.0	0.51 J	< 1.0	< 1.0	< 1.0	< 1.0	3.2	< 1.0	< 1.0
	7/5/2017	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/11/2017	0.95 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/13/2018	1.0 J	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
	5/9/2019	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0*	< 1.0
	9/13/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	0.781 J	<1.00	<1.00 J4	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00 J4
	8/19/2020	0.404 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/6/2020	0.424 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00

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

Location ID	Date Sampled	Volatile Organics											
		Carbon disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroethane	Chloroform	Chloromethane (Methyl chloride)	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-difluoromethane (Freon 12)	Ethylbenzene
NYSDEC TOGS 1.1.1		60	5	5	5	7	5	5	0.4	NE	50	5	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28-D2R (cont.)	3/20/2021	0.102 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	6/2/2021	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50 C3	<1.00	<1.00	<1.00 J4	<1.00	<5.00	<1.00
	8/12/2021	1.48 B	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	11/16/2021	1.57	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	2/2/2022	1.12	<1.00	<1.00	<5.00	<5.00	<2.50 J3	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	5/5/2022	<1.00	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	8/25/2022	0.323 J	<1.00	<1.00	<5.00	<5.00	<2.50	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
	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	<1.00	<5.00	<5.00	<2.50	<1.00 C3	<1.00	<1.00 C3	<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
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	< 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	< 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	< 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
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 August 2023
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)
NYSDEC TOGS 1.1.1		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	
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		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	
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	
AMW-15-D1	6/23/2016	< 1.0	< 2.5	29	< 1.0	9.9	< 1.0	0.43 J	3	< 1.0	< 1.0	5.5
	7/27/2016	< 5.0	< 13	51	< 5.0	140	< 5.0	< 5.0	7.5	< 5.0	< 5.0	73
	10/26/2016	< 10	< 25	110	3.3 J	8.9 J	< 10	< 10	18	< 10	< 10	48
	10/26/2016	< 4.0	< 10	180	0.87 J	4.1	< 4.0	< 4.0	6.6	< 4.0	< 4.0	18
	7/5/2017	< 4.0	< 10	170	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	200	< 4.0	2.2 J	< 4.0	< 4.0	17	28	< 4.0	< 4.0
	10/11/2017	< 2.0	< 5.0	300 E	< 2.0	< 2.0	< 2.0	< 2.0	5.9	13	< 2.0	< 2.0
	10/17/2018	< 5.0	< 50	170	1.2 J	< 25	< 5.0	< 5.0	1.5 J	21	< 5.0	< 5.0
	5/9/2019	< 1.0	< 5.0	120	0.50 J	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	100	0.51 J	< 1.0	< 1.0	< 1.0	< 1.0	6.7	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	120	< 1.0	0.41 J	< 1.0	< 1.0	0.43 J	7.1	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	37	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0
	6/10/2020	0.535 J	<100	171	<5.00	<25.0	<5.00	<5.00	<5.00	5.47	<5.00	<5.00
	8/19/2020	<5.00	<100	94.3	<5.00	<25.0	<5.00	<5.00	<5.00	4.20 J	<5.00	<5.00
	11/4/2020	0.216 J	<20.0	76.7	<1.00	<5.00	<1.00	<1.00	<1.00	2.53	<1.00	<1.00
	3/19/2021	<5.00	<100	127	<5.00	<25.0	<5.00	<5.00	<5.00	5.63	<5.00	<5.00
	6/2/2021	0.160 J	<20.0	40.2	<1.00	<5.00	<1.00	<1.00	<1.00	1.46	<1.00	<1.00
	11/16/2021	0.709 J	<20.0	149	<1.00	<5.00	<1.00	<1.00	0.392 J	5.81	<1.00	0.265 J

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		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.)	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
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
AMW-15-D3	6/23/2016	< 1.0	< 2.5	2.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/23/2016	< 1.0	< 2.5	2.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/27/2016	< 1.0	< 2.5	23	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/27/2017	< 4.0	< 10	64	< 4.0	2.4 J	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	140
	10/11/2017	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	7/13/2018	< 2.0	< 5.0	22	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	20
	10/17/2018	< 1.0	< 10	10	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.5
	5/10/2019	< 1.0	< 5.0	16	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.39 J
	9/13/2019	< 1.0	< 5.0	14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.54 J
	12/5/2019	< 1.0	< 5.0	7.7	< 1.0	0.32 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	51	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.3
	6/9/2020	<1.00 J4	<20.0	10.1	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<20.0	72.8	<1.00	<5.00	<1.00	<1.00	<1.00	0.226 J	<1.00	8.84
	11/4/2020	<1.00	<20.0	80.6	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.31
	3/19/2021	0.672 J	<20.0	63.6	<1.00	<5.00	0.147 J	<1.00	2.41	0.435 J	<1.00	51.1
	6/1/2021	0.155 J	<20.0 C3	69.7	<1.00	<5.00	<1.00	<1.00	0.448 J	0.213 J	<1.00	15.3
8/12/2021	0.564 J	<20.0	68.5	<1.00	<5.00	<1.00	<1.00	2.49	0.533 J	<1.00	56.8	
11/16/2021	0.435 J	<20.0	61.7	<1.00	<5.00	<1.00	<1.00	1.99	0.499 J	<1.00	45.7	

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	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	
AMW-15-D3 (cont.)	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
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
AMW-3	1/13/2016	65	< 13	< 5.0	27	15	< 5.0	< 5.0	6.9	< 5.0	< 5.0	< 5.0
	6/21/2016	< 1.0	< 2.5	0.40 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
AMW-7R	1/12/2016	< 5.0	< 13	1.4 J	1.5 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	2.8	< 2.5	0.23 J	9.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/11/2018	7.1	< 5.0	< 2.0	29	1.1 J	< 2.0	< 2.0	1.0 J	< 2.0	< 2.0	< 2.0
	10/17/2018	4.9	< 10	< 1.0	50	< 5.0	< 1.0	< 1.0	0.60 J	< 1.0	< 1.0	< 1.0
	5/10/2019	4.2	< 5.0	< 1.0	31	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/14/2019	4.4	< 5.0	< 1.0	29	0.53 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/6/2019	1.9	< 5.0	< 1.0	7.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/12/2020	3.9	< 5.0	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	4	<20.0	<1.00	14.9	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4
	8/19/2020	3.11	<20.0	<1.00	25.1	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/6/2020	3.27	<20.0	<1.00	18.9	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/19/2021	0.968 J	<20.0	<1.00	7.03	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/2/2021	2.37	<20.0 C3	<1.00	12.6	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/12/2021	1.31	<20.0	<1.00	6.97	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/16/2021	1.62	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	5/5/2022	0.786 J	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2022	1.76	<20.0	<1.00	5.63	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	1.33	<20.0	0.103 J	3.73	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2023	0.910 J	<20.0	<1.00 C3	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/31/2023	1.54	<20.0	<1.00	4.93	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	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	
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
MW-23-D1R	10/26/2016	< 2.0	< 5.0	140	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	10/26/2016	< 5.0	< 13	180	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1/12/2016	< 5.0	< 13	210	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/20/2016	< 1.0	< 2.5	30	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	7/5/2017	< 4.0	< 10	140	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	8/27/2017	< 4.0	< 10	130	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/12/2017	< 4.0	< 10	150	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 4.0	< 10	91	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	0.56 J	< 10	94	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	0.35 J	< 5.0	92	< 1.0	0.53 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	0.44 J	< 5.0	83	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	0.439 J	< 20.0	106	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	8/19/2020	0.414 J	< 20.0	85.5	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	11/5/2020	0.314 J	< 20.0	98.5	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	3/19/2021	0.163 J	< 20.0	38.7	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	6/2/2021	0.141 J	< 20.0 C3	39.0	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	8/12/2021	0.312 J	< 20.0	106	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
11/16/2021	0.368 J	< 20.0	95.3	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
2/2/2022	0.179 J	< 20.0	48.2	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
5/5/2022	0.170 J	< 20.0	64.9	< 1.00	< 5.00	< 1.00	< 1.00 C3	< 1.00	< 1.00	< 1.00	< 1.00	
8/25/2022	0.307 J	< 20.0	66.0	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 J4	
11/29/2022	< 1.00	< 20.0	3.67	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
3/9/2023	0.186 J	< 20.0	44.7	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
6/1/2023	0.184 J	< 20.0	54.4 C3	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
8/31/2023	< 1.00	< 20.0	2.80	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
MW-23-D2R	1/12/2016	< 5.0	< 13	130	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	5	5	5	5	5	0.4	5
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-23-D2R (cont.)	9/13/2019	< 1.0	< 5.0	63	< 1.0	0.47 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	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
MW-24-D1R	1/13/2016	< 5.0	< 13	220	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	6/21/2016	< 4.0	< 10	160	1.3 J	< 4.0	< 4.0	< 4.0	< 4.0	11	< 4.0	< 4.0
	10/26/2016	< 1.0	< 2.5	140 E	0.64 J	< 1.0	< 1.0	< 1.0	0.68 J	6.5	< 1.0	< 1.0
	10/26/2016	< 1.0	< 2.5	120 E	0.66 J	< 1.0	< 1.0	< 1.0	0.64 J	6.8	< 1.0	< 1.0
	10/26/2016	< 4.0	< 10	81	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	7/12/2018	< 8.0	< 20	290	< 8.0	< 8.0	< 8.0	< 8.0	23	22	< 8.0	< 8.0
	10/16/2018	< 5.0	< 50	270	< 25	< 25	< 5.0	< 5.0	17	12	< 5.0	< 5.0
	5/9/2019	< 1.0	< 5.0	65	< 1.0	< 1.0	< 1.0	< 1.0	1.5	2.0	< 1.0	< 1.0
	9/13/2019	0.97 J [0.86 J]	<5.0 [<5.0]	210 [200]	0.63 J [0.57]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	7.2 [6.4]	16	< 1.0 [<1.0]	< 1.0 [<1.0]
	12/5/2019	1.0	<5.0 [<5.0]	180 [210]	0.56 J	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	1.4 [2.3]	7.0 [16]	< 1.0 [<1.0]	< 1.0 [<1.0]
	2/11/2020	0.61 J [1.0]	<5.0 [<5.0]	210 [220]	< 1.0 [0.57 J]	< 1.0 [<1.0]	< 1.0 [<1.0]	< 1.0 [<1.0]	0.9 J [2.5]	9.5 [14]	< 1.0 [<1.0]	< 1.0 [<1.0]
	6/9/2020	0.954 J [1.08 J]	<100 [<100]	195 [255]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	1.62 J [<5.00]	12.2 [13.8]	<5.00 [<5.00]	<5.00 [<5.00]
	8/19/2020	0.712 J [0.681 J]	<100 [<100]	220 [206]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	12.9 [13.2]	<5.00	<5.00 [<5.00]
	11/5/2020	0.771 J [0.560 J]	<100 [<100]	207 [180]	<5.00 [<5.00]	<25.0 [<25.0]	<5.00 [<5.00]	<5.00 [<5.00]	<5.00 [<5.00]	12.8 [9.50]	<5.00 [<5.00]	<5.00 [<5.00]
	3/19/2021	1.04 [0.940 J]	<20.0 [<100]	201 [213]	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<1.00 [<5.00]	1.42 [<5.00]	12.6 [11.4]	<1.00 [<5.00]	<1.00 [<5.00]
	6/1/2021	0.925 J [0.888 J]	<20.0 C3 [<100 C3]	195 [174]	<1.00 [<5.00]	<5.00 [<25.0]	<1.00 [<5.00]	<1.00 [<5.00]	0.944 J [<5.00]	12.9 [10.5]	<1.00 [<5.00]	0.214 J [<5.00]
	11/16/2021	0.729 J [0.703 J]	<20.0 [<20.0]	199 [185]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	0.583 J [0.620 J]	10.9 [9.11]	<1.00 [<1.00]	<1.00 [<1.00]
	2/2/2022	0.534 J [0.604 J]	<20.0 [<20.0]	170 [182]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	0.598 J [0.677 J]	8.30 [8.83]	<1.00 [<1.00]	<1.00 [<1.00]
	5/4/2022	0.851 J [0.815 J]	<20.0 [<20.0]	180 [196]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	1.5 [1.63]	12 [11.9]	<1.00 [<1.00]	0.271 J [0.281 J]
	8/24/2022	0.866 J [0.795 J]	<20.0 [<20.0]	186 [182]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 C3 J4 [<1.00 C3 J4]	<1.00 [<1.00]	0.869 J [0.860 J]	11.8 [9.85]	<1.00 J4 [<1.00 J4]	0.283 J [0.202 J]
	11/29/2022	0.587 J [0.547 J]	<20.0 [<20.0]	125 [128]	<1.00 [<1.00]	<5.00 [<5.00]	<1.00 [<1.00]	<1.00 [<1.00]	0.625 J [0.582 J]	8.21 [7.53]	<1.00 [<1.00]	0.252 J [0.234 J]
	3/10/2023	0.543 J [<10.0]	<20.0 [<20.0]	136 [127]	<1.00 [<1.00]	<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 [<20.0]	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 [<20.0]	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]
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	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	
MW-24-D2 (cont.)	6/9/2020	<1.00 J4	<20.0	136	<1.00	<5.00	<1.00	<1.00 J4	<1.00	0.716 J	<1.00	<1.00 J4
	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
MW-24-VDR	7/12/2018	< 4.0	< 10	4.2	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	10/17/2018	< 1.0	< 10	2.9	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	5/9/2019	< 1.0	< 5.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	9/13/2019	< 1.0	< 5.0	0.75 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	12/5/2019	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/9/2020	<1.00 J4	<20.0	0.998 J	<1.00	<5.00	<1.00	<1.00 J4	<1.00	<1.00	<1.00	<1.00 J4
	8/18/2020	<1.00	<20.0	1.16	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/5/2020	<1.00	<20.0	0.944 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/19/2021	<1.00	<20.0	1.01	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	6/1/2021	<1.00	<20.0 C3	0.782 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<20.0	0.249 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/29/2022	<1.00	<20.0	0.165 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	3/10/2023	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	5/31/2023	<1.00	<20.0	0.533 J	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/30/2023	<1.00	<20.0	0.214 J	<1.00	<5.00	<1.00 C3	<1.00	<1.00	<1.00	<1.00	<1.00
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

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Chevron Facility #6518040
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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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	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	
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	
	6/22/2016	< 1.0	< 2.5	59	< 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	
	10/25/2016	< 2.0	< 5.0	43	< 2.0	81	< 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	
	8/27/2017	< 8.0	< 20	< 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	
	10/17/2018	< 1.0	< 10	76	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	5/9/2019	< 1.0	< 5.0	84	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.90 J	< 1.0	0.50 J
	9/13/2019	< 1.0	< 5.0	60	< 1.0	0.44 J	< 1.0	< 1.0	< 1.0	0.56 J	< 1.0	< 1.0
	12/6/2019	< 1.0	< 5.0	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2/11/2020	< 1.0	< 5.0	52	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	6/10/2020	<1.00	<20.0	105	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	8/19/2020	<1.00	<20.0	64.4	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	11/16/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26-VD	1/13/2016	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
	6/22/2016	< 1.0	< 2.5	0.96 J	< 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	
	6/21/2016	< 1.0	< 2.5	10	< 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	
	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
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	
	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	
	8/27/2017	< 1.0	< 2.5	< 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	
	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

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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)
NYSDEC TOGS 1.1.1		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.)	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
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
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		5	NE	10	NE	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	
MW-28-D2R (cont.)	3/20/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	6/2/2021	<1.00	<20.0 C3	<1.00	<1.00	<5.00	<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	
	11/16/2021	<1.00	<20.0	<1.00	<1.00	<5.00	<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	
	5/5/2022	<1.00	<20.0	0.418 J	<1.00	<5.00	<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	
	11/29/2022	<1.00	<20.0	0.107 J	<1.00	<5.00	<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	
	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	
8/31/2023	<1.00	<20.0	0.165 J	<1.00	<5.00	<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	
	6/21/2016	5.4	< 2.5	23	3.8	< 1.0	< 1.0	< 1.0	1	< 1.0	< 1.0	
	10/26/2016	16	< 2.5	44	10	< 1.0	< 1.0	< 1.0	3.1	< 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	
	7/5/2017	7.7	< 5.0	71	1.8 J	< 2.0	< 2.0	< 2.0	2.3	< 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	
	10/12/2017	5.8	< 10	20	1.5 J	< 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	
	10/18/2018	16	< 10	33	11	< 5.0	< 1.0	< 1.0	2.8	< 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	
	9/14/2019	2.2	< 5.0	18	1.2	0.48 J	< 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	
	2/12/2020	< 1.0	< 5.0	3.1	< 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 J4	
	8/19/2020	<1.00	<20.0	29.5	<1.00	<5.00	<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	
	3/20/2021	<1.00	<20.0	26.4	<1.00	<5.00	<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	
	8/12/2021	0.105 J	<20.0	20.9	<1.00	<5.00	<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	
	11/29/2022	<1.00	<20.0	15.9	<1.00	<5.00	<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	
	6/1/2023	<1.00	<20.0	14.1 C3	<1.00	<5.00	<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	
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	
	6/21/2016	< 1.0	< 2.5	51	< 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	
	6/21/2016	< 1.0	< 2.5	0.42 J	< 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	
	6/22/2016	< 1.0	< 2.5	53	< 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	
	1/14/2016	< 2.0	< 5.0	8.1	< 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	
MW-30-VD	1/14/2016	< 10	< 25	< 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	
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	
	6/22/2016	< 1.0	< 2.5	3.3	< 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	
	6/22/2016	< 1.0	< 2.5	0.32 J	< 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 August 2023
Chevron Facility #6518040
Former Gulf Oil Terminal
Oceanside, Township of Hempstead, New York

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		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	< 1.0	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
	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	< 5.0	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	< 5.0	4.74	4.86	42,500 T8	378	176	3,340	8,480	131	1,930,000	NA
	11/4/2020	< 5.0	6.16	3.95	28.2 T8	816	225	5,990	3,130	22.0	986,000	NA
	3/19/2021	< 5.0	25.3	3.77	61.8 P1 T8	110	661	5,200	12,500	150	1,950,000	NA
	6/2/2021	< 5.0	7.18	3.61	36.4 T8	831	171	6,810	3,040	70.9	1,890,000	NA
	8/12/2021	< 5.0	< 1.00 J4	3.90	56.1 B T8	437	445	4,350	5,080	88.3	2,060,000	NA
	11/16/2021	< 5.0	10.4	2.95 J	60.8 BT8	14.6	102	777	4,560	38.6	1,180,000	NA
	2/2/2022	< 5.0	< 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	< 5.0	9.17	2.71 J	< 20 J T8	325	251	3,850	5,910	109	2,020,000	NA
	8/24/2022	< 5.0	5.48	1.14 J	84.9 B T8	250	120	3,660	5,400	76.2	1,620,000	NA
	11/29/2022	< 5.0	4.80	2.89 J	67.7 B T8	381	118	5,180	2,090	19.5	1,100,000	NA
	3/9/2023	< 5.0	< 1.00	0.436 J	30,500 B T8	316	< 13.0	3,400	672	14.4	962,000	NA
	5/31/2023	< 5.0	< 1.00	0.448 J	31.2 B T8	453	< 13.0	6,320	1190	13.0	899,000	NA
9/1/2023	< 5.00 C3	< 1.00 C3	0.340 J	22.8 B T8	141	< 13.0	2,060	1,010	16.6	956,000	NA	
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	< 5.0	< 10.0	4.00 J	69.7 T8	< 13.0	< 13.0	2,070	5,070	119	1,990,000	NA
	8/19/2020	< 5.0	< 10.0	< 30.0	55,800 T8	< 13.0	< 13.0	1670	17,800	340	2,510,000	NA
	11/5/2020	< 5.0	< 1.00	< 3.00	26.3 T8	< 13.0	< 13.0	1,970	3,290	104	1,950,000	NA
	3/19/2021	< 5.0	< 1.00	< 3.00	44.6 T8	< 13.0	< 13.0	1,820	28,300	506	2,530,000	NA
	6/2/2021	< 5.0	6.49	< 3.00	47.6 T8	< 13.0	< 13.0	2,330	4,590	137	2,340,000	NA

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

Location ID	Date Sampled	Trichloro-fluoro-methane (Freon 11)	Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium		
NYSDEC TOGS 1.1.1		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	2,130,000	NA
AMW-14-VD	9/1/2023	< 1.0	< 1.0	0.79 J	NA	<13.0	<13.0	1,820	28,300	506	2,530,000	427
	9/1/2023	< 1.0	< 1.0	< 2.0	NA	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	120	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	100	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	9/1/2023	< 1.0	< 1.0	3.2	82	<13.0	<13.0	1,820	28,300	506	2,530,000	NA
	9/1/2023	< 1.0	< 1.0	< 2.0	120	< 7.5	< 7.0	27	18,400	410 B	8,660,000	NA
	9/1/2023	< 1.0	< 1.0	< 3.0	110 B	< 7.5	< 7.0	24	18,500	390 B	9,100,000	NA
	9/1/2023	<1.0	<1.0	<2.0	130	<7.5 H	<7.0 H	12 H	14,700	387	71,50,000 B	NA
	9/1/2023	<1.0	<1.0	<2.0	140	<7.5	<7.0	20	15,200	376	6,810,000	NA
	9/1/2023	<1.0	<1.0	<2.0	130	< 4.0	<3.0	33	18,800	432	8,960,000	NA
	9/1/2023	<1.0	<1.0	<2.0	100 B	< 4.0	< 3.0	28 B	12,800	339	5,740,000	NA
	9/1/2023	<5.00	<1.00	<3.00	88.9 T8	<13.0	<13.0	467	17,600	381	8,070,000	NA
	9/1/2023	<5.00	<1.00	<3.00	82,100 T8	<13.0	<13.0	26.4	16700	389	8,790,000	NA
	9/1/2023	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	48.6	18,000	396	7,940,000	NA
	9/1/2023	<5.00	<1.00	<3.00	82.5 T8	<13.0	<13.0	51.9	18,500	395	8,320,000	NA
	9/1/2023	<5.00	<1.00	<3.00	99.3 T8	<13.0	<13.0	52.7	18,900	396	8,510,000	NA
	9/1/2023	<5.00	<1.00	<3.00	148 T8	<13.0	<13.0	61.1	19,400	393	8,190,000	NA
	9/1/2023	<5.00	<1.00	<3.00	112 T8	<13.0	<13.0	18.4	20,000	383	8,670,000	NA
	9/1/2023	<5.00	<1.00	<3.00	138 T8	<13.0	<13.0	9.62 J	18,200	411	8,690,000	NA
	9/1/2023	<5.00 C3J4	<1.00	<3.00	112 B T8	<13.0	<13.0	31.7	18,600	401	8,720,000	NA
	9/1/2023	<5.00	<1.00	<3.00	100 B T8	<13.0	<13.0	15.9	18,500	375	7,850,000	NA
	9/1/2023	<5.00	<1.00	<3.00	87.3 B T8	<13.0	<13.0	26.3	16,900	379	8,400,000	NA
	9/1/2023	<5.00	<1.00	<3.00	116,000 B T8	<13.0	<13.0	25.4	18,700	399	9,190,000	NA
	09/01/2023	<5.00	<1.00	<3.00	203 T8	<13.0	<13.0	<10.0	17,900	411	8,270,000	NA
9/1/2023	<5.00 C3	<1.00 C3	<3.00	180 T8	<13.0	<13.0	7.80 B J P1	11,000	261	5,120,000	NA	
AMW-15-D1	6/23/2016	< 1.0	70	< 2.0	NA	NA	NA	NA	2,200	500 B	NA	602
	7/27/2016	< 5.0	410	6.5 J	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	< 10	600 F1	15 J	NA	NA	NA	NA	1,900 B	70 B	NA	130
	10/26/2016	< 4.0	240	5.5 J	NA	NA	NA	NA	95 B	110 B	NA	528
	7/5/2017	< 4.0	10	< 8.0	110	< 150	< 140	400	2,100	84	17,50,000 ^	NA
	8/27/2017	< 4.0	76	17	27	92 J	830	4,000	12,400	170 B	1,520,000	NA
	10/11/2017	< 2.0	24	12	34	< 330	470	2,400	6,900	100 B	17,10,000 ^	NA
	10/17/2018	< 5.0	< 5.0	19	40	< 660	< 620	5,100	3,900	320	989,000	NA
	5/9/2019	< 1.0*	1.1	6.3	52	<830	<770	3,200	3,340	335	1,170,000	NA
	9/13/2019	< 1.0	2	5.1	47	290 J	150 J	4,000	3,740	311	1,160,000	NA
	12/5/2019	< 1.0	2.2	5.8	39	490	550	6,200	3,550	243	1,200,000	NA
	2/11/2020	< 1.0	< 1.0	1.6 J	20 B	89	49	700 B	4,740	303	1,050,000	NA
	6/10/2020	<25.0	<5.00	6.20 J	<20.0 T8	775	165	6,590	512	150	1,050,000	NA
	8/19/2020	<25.0	<5.00	2.96 J	<20.0 T8	550	27.5	4,380	1,320	126	1,460,000	NA
	11/4/2020	<5.00	<1.00	1.61 J	<20 T8	722	<13.0	5,200	800	80.5	1,030,000	NA
	3/19/2021	<25.0	<5.00	5.23 J	23 T8	1,370	90.7	9,900	13,700	113	1,210,000	NA
	6/2/2021	<5.00	<1.00	1.14 J	<20 T8	298	<13.0	1,970	597	55.6	1,040,000	NA
	11/16/2021	<5.00	<1.00	2.26 J	25.2 BT8	198	<13.0	1,380	612	17.9	1,230,000	NA

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		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.)	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
AMW-15-D2	6/23/2016	< 1.0	1.8	< 2.0	NA	NA	NA	NA	110	5.8 B	NA	50 B
	6/23/2016	< 1.0	1.7	< 2.0	NA	NA	NA	NA	120	6.3 B	NA	185
	7/27/2016	< 1.0	3.5	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	< 1.0	4.7	< 2.0	NA	NA	NA	NA	50 B	85 B	NA	99.9
	10/26/2016	< 1.0	30	< 2.0	NA	NA	NA	NA	< 50	98 B	NA	600
	7/5/2017	< 4.0	< 4.0	< 8.0	98	< 150	< 140	430	700	110	20,90,000 ^	NA
	8/27/2017	< 4.0	300	12	94	< 170	37 J	880	3,500	140 B	2,200,000	NA
	10/11/2017	< 4.0	25	< 8.0	68	< 170	< 150	280	4,500	130 B	21,50,000 ^	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	110	< 330	< 310	560	750	55	2,130,000	NA
	5/10/2019	< 1.0	< 1.0	< 2.0	130	< 170	< 150	520	328	72	2,030,000	NA
	9/13/2019	< 1.0	0.39 J	< 2.0	140	< 170	< 150	680	493	54.6	2,030,000	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	120	1.3 J	3 U	800	739	62.7	1,870,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	97 B	1.9 J	< 3.0	690 B	978	69.9	1,820,000	NA
	6/9/2020	< 5.00	< 1.00	0.225 J	39.8 T8	< 13.0	< 13.0	920	595	75.7	1,580,000	NA
	8/19/2020	< 5.00	< 1.00	< 3.00	46,600 T8	< 13.0	< 13.0	409	10,500	150	2,230,000	NA
	11/4/2020	< 5.00	< 1.00	< 3.00	21.5 T8	6.37 J	< 13.0	809	963	76.6	1,940,000	NA
	3/19/2021	< 5.00	7.82	< 3.00	36.2 T8	< 13.0	< 13.0	19.3	14,800	258	2,220,000	NA
	6/2/2021	< 5.00	< 1.00	< 3.00	< 20 T8	< 13.0	< 13.0	1,100	10,100	97.9	2,220,000	NA
	8/12/2021	< 5.00	< 1.00	< 3.00	46.8 B T8	< 13.0	< 13.0	< 10.0	1,850	100	2,010,000	NA
	11/16/2021	< 5.00	< 1.00	< 3.00	46 T8	< 13.0	< 13.0	156	362	166	1,450,000	NA
	2/1/2022	< 5.00	< 1.00	< 3.00	70.9 T8	< 13.0	< 13.0	118	1,450	102	1,880,000	NA
	5/4/2022	< 5.00	< 1.00	< 3.00	< 20 T8	< 13.0	< 13.0	763	4,130	69	1,220,000	NA
	8/24/2022	< 5.00	< 1.00	< 3.00	96.7 B T8	< 13.0	< 13.0	418	4,560	69.6	1,180,000	NA
	11/29/2022	< 5.00	< 1.00	< 3.00	70.6 B T8	< 13.0	< 13.0	652	511	75.0	1,610,000	NA
	3/10/2023	< 5.00	< 1.00	< 3.00	47,500 B T8	< 13.0	< 13.0	359	1,410	65.5	1,570,000	NA
	6/1/2023	< 5.00 C3	< 1.00	< 3.00	94.5 B T8	< 13.0	< 13.0	779	240	56.2	1,810,000	NA
	8/31/2023	< 5.00 J3	< 1.00 C3	< 3.00	< 20 T8	< 13.0	< 13.0	19.3 B	557	30.6	985,000	NA
AMW-15-D3	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	98	250 B	NA	2,980,000 ^
	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	120	240 B	NA	< 5
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	< 4.0	16	17	5.1	< 330	< 310	2,400	2,300	450 B	29,80,000 ^	NA
	10/11/2017	< 2.0	< 2.0	< 4.0	< 5	< 170	< 150	610	450	99 B	25,00,000 ^	NA
	7/13/2018	< 2.0	< 2.0	< 4.0	7.6	< 330	< 310	1,500	3,100	1,100 B	3,870,000	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	100	< 170	< 150	2,800	260	200	2,610,000	NA
	5/10/2019	< 1.0	< 1.0	< 2.0	140	< 330	< 310	1,600	301	222	2,730,000	NA
	9/13/2019	< 1.0	< 1.0	< 2.0	130	< 170	< 150	1,400	612	231	2,720,000	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	100	< 4.0	< 3.0	1,400	349	97.4	1,550,000	NA
	2/11/2020	< 1.0	0.57 J	< 2.0	85 B	3.1 J	< 3.0	1,100 B	3,631	106	1,330,000	NA
	6/9/2020	< 5.00	< 1.00	< 3.00	29.8 T8	< 13.0	< 13.0	1,340	1,130	138	1,690,000	NA
	8/19/2020	< 5.00	< 1.00	0.376 J	52,200 T8	19.0	< 13.0	2,800	3,030	871	3,930,000	NA
	11/4/2020	< 5.00	< 1.00	0.174 J	23.4 T8	< 13.0	< 13.0	2,010	795	131	1,660,000	NA
	3/19/2021	< 5.00	7.44	4.59	< 20 T8	76.3	6.25 J	6,270	439	484	2,960,000	NA
	6/1/2021	< 5.00	1.29	0.930 J	< 20 T8	36.7	< 13.0	4,700	657	628	3,350,000	NA
	8/12/2021	< 5.00	4.44	5.08	< 20 T8	49.4	< 13.0	6,110	92.4 J	1.65 J	462,000	NA
	11/16/2021	< 5.00	5.59	3.66	< 20 T8	16.5	< 13.0	1,910	584	8.71 J	479,000	NA

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Oceanside, Township of Hempstead, New York

Location ID	Date Sampled	Trichloro-fluoro-methane (Freon 11)	Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3	
		Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium			
NYSDEC TOGS 1.1.1		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.)	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	
AMW-15-VD	6/23/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	4,200	200 B	NA	303	
	7/27/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	
	8/27/2017	< 1.0	< 1.0	< 2.0	31	< 7.5	< 7.0	24	11,800	350 B	8,910,000	NA	
	10/11/2017	< 1.0	< 1.0	3	40	< 7.5	< 7.0	8	11,700	340 B	91,80,000 ^	NA	
	7/13/2018	< 1.0	< 1.0	< 2.0	41	< 7.5	< 7.0	37	10,600	320 B	8,290,000	NA	
	10/17/2018	< 1.0	< 1.0	< 3.0	37	< 7.5	< 7.0	27	10,700	310	8,770,000	NA	
	5/10/2019	< 1.0	< 1.0	<2.0	17	<7.5 H	<7.0 H	25 H	3,600	287	8,560,000	NA	
	9/13/2019	< 1.0	< 1.0	<2.0	49	<7.5	<7.0	22	7,650	192	5,240,000	NA	
	12/5/2019	< 1.0	< 1.0	<2.0	22	< 4.0	< 3.0	51	5,150	220	6,360,000	NA	
	2/11/2020	< 1.0	< 1.0	<2.0	11 B	< 4.0	< 3.0	38 B	2,850	157	4,770,000	NA	
	6/9/2020	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	54.9	5,330	213	6,680,000	NA	
	8/19/2020	<5.00	<1.00	<3.00	29,500 T8	<13.0	<13.0	44.9	6,080	230	6,370,000	NA	
	11/4/2020	<5.00	<1.00	<3.00	<20 T8	<13.0	<13.0	63.3	4,530	280	8,440,000	NA	
	3/19/2021	<5.00	<1.00	<3.00	21.7 T8	<13.0	<13.0	64.5	10,200	288	8,660,000	NA	
	6/2/2021	<5.00	<1.00	<3.00	7.310 J T8	<13.0	<13.0	76.2	663	12.8	204,000	NA	
	8/12/2021	<5.00	<1.00	<3.00	53.2 B T8	<13.0	<13.0	<10.0	5,030	538	31,600	NA	
	11/16/2021	<5.00	<1.00	<3.00	53.3 T8	<13.0	<13.0	42.7	13,300	281	8,640,000	NA	
	2/1/2022	<5.00	<1.00	<3.00	27.6 T8	<13.0	<13.0	17.1	6,990	264	8,650,000	NA	
	5/5/2022	<5.00 C3 J4	<1.00	<3.00	25.9 B T8	<13.0	<13.0	<10.0	18,800	363	8,030,000	NA	
	8/24/2022	<5.00	<1.00	<3.00	38.6 B T8	<13.0	<13.0	20.5	15,100	307	8,330,000	NA	
	11/28/2022	<5.00	<1.00	<3.00	30.3 B T8	<13.0	<13.0	39.5	8,060	300	4,360,000	NA	
	3/10/2023	<5.00	<1.00	<3.00	31,100 B T8	<13.0	<13.0	37.3	5,470	310	8,520,000	NA	
	6/1/2023	<5.00 C3	<1.00	<3.00	44.0 B T8	<13.0	<13.0	38.9	8,550	311	8,410,000	NA	
	8/31/2023	<5.00 J3	<1.00 C3	2.94 J	<20 T8	52.5	5.67 J	6,770	1,050	76.0	666,000	NA	
	AMW-3	1/13/2016	< 5.0	< 5.0	20	NA	NA	NA	NA	NA	NA	NA	NA
		6/21/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	16,200	1,400 B	NA	351
	AMW-7R	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
		6/21/2016	< 1.0	< 1.0	0.79 J	NA	NA	NA	NA	170	74 B	NA	2,900 B
		7/11/2018	< 2.0	< 2.0	< 4.0	82	< 330	< 310	3,500	20,000	2,500 B	199,000	NA
		10/17/2018	< 1.0	< 1.0	0.61 J	94 B	< 330	< 310	5,800	12,500	2,900 B	168,000	NA
		5/10/2019	< 1.0	< 1.0	1.3 J	94	< 330 UH	< 310 UH	3,100 H	8,080	2,770	105,000	NA
		9/14/2019	< 1.0	< 1.0	< 2.0	110	<170	<150	3,600	6,840	2,770	95,700	NA
12/6/2019		< 1.0	< 1.0	0.73 J	47	1.6 J	< 3.0	6,200	4,790	1,420	93,300	NA	
2/12/2020		< 1.0	< 1.0	0.86 J	52 B	2.4 J	< 3.0	5,500 B	24,900	2,730	86,900	NA	
6/9/2020		<5.00	<1.00	1.66 J	38.1 T8	<13.0	<13.0	9,370	16,000	2,270	93,200	NA	
8/19/2020		<5.00	<1.00	0.990 J	46.3 T8	<13.0	<13.0	3550	94900	3080	113,000	NA	
11/6/2020		<5.00	<1.00	0.241 J	44.3 T8	4.44 J	<13.0	7,880	33,200	3,500	111,000	NA	
3/19/2021		<5.00	<1.00	<3.00	32.1 T8	<13.0	<13.0	7,700	35,500	2,390	234,000	NA	
6/2/2021		<5.00	<1.00	2.53 J	36.4 T8	<13.0	<13.0	10,100	21,800	2,160	168,000	NA	
8/12/2021		<5.00	<1.00	<3.00	71.3 T8	<13.0	<13.0	4,930	8,720	2,450	193,000	NA	
11/16/2021		<5.00	<1.00	<3.00	65.1 T8	<13.0	<13.0	2,830	3,360	1,640	108,000	NA	
5/5/2022		<5.00 C3J4	<1.00	0.285 J	46.3 B T8	<13.0	<13.0	4,220	3,990	2,400	92,300	NA	
11/29/2022		<5.00	<1.00	1.22 J	<20.0 T8	<13.0	<13.0	6,830	10,700	2,000	97,800	NA	
3/10/2023		<5.00	<1.00	2.98 J	23,000 B T8	<13.0	<13.0	5,390	5,490	1,320	91,000	NA	
6/1/2023	<5.00 C3	<1.00	<3.00	55.4 B T8	<13.0	<13.0	1,790	4,270	1,150	99,700	NA		
8/31/2023	<5.00 C3	<1.00 C3	0.342 J	51.5 B T8	<13.0	<13.0	6,250	2,250	1,960	87,200	NA		
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	

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3	
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium		
NYSDEC TOGS 1.1.1		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	
ASB-5	6/2/2016	< 1.0	11	0.89 J	NA	NA	NA	NA	NA	NA	NA	NA	
ASB-7	6/2/2016	< 2.0	31	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	
MW-18R	6/22/2016	< 10	< 10	< 20	NA	NA	NA	NA	11,500 B	470 B	NA	20,000 B	
	7/11/2018	< 20	< 20	< 40	2.2 J	< 660	< 620	3,800	1,400	17 B	161,000	NA	
	10/17/2018	< 5.0	< 5.0	5.2 J	11 B	< 660	< 620	9,700	450	26 B	193,000	NA	
	9/14/2019	< 1.0	< 1.0	7.1	32	<660	<620	13,000	11,700	110	310,000	NA	
	12/5/2019	< 1.0	< 1.0	5.2	3 J	21	0.81 J	16,000	3,100	30.8	323,000	NA	
	2/12/2020	< 1.0	< 1.0	< 2.0	3.9 J B	< 4.0	< 3.0	89	9,770	49.9	45,100	NA	
	6/9/2020	<25.0	<5.00	5.52 J	<20.0 T8	8.80 J	<13.0	5,640	5,240	28.9	204,000	NA	
	3/19/2021	<5.00	<1.00	4.41	<20 T8	19	<13.0	8,840	1,450	11.7	191,000	NA	
	6/2/2021	<5.00	<1.00	1.50 J	<20 T8	<13.0	<13.0	5,700	1,270	18.5	362,000	NA	
	8/12/2021	<5.00	<1.00 J4	5.64	42.3 B T8	13.5	<13.0	12,300	1,250	59.9	609,000	NA	
	11/16/2021	<5.00	<1.00	7.81	30.8 BT8	<13.0	<13.0	2,660	553	42.6	507,000	NA	
	2/2/2022	<5.00	<1.00	3.73	--	<13.0	<13.0	1,630	--	--	--	NA	
	5/5/2022	<5.00 C3J4	<1.00	5.55	<20 T8	<13.0	<13.0	8,600	2,780	21.9	245,000	NA	
	8/25/2022	<5.00	<1.00	2.60 J	NA	NA	NA	NA	NA	NA	NA	NA	
	11/29/2022	<5.00	<1.00	5.73	<20.0 T8	<13.0	<13.0	11,600	631	19.4	442,000	NA	
	3/9/2023	<5.00	<1.00	5.85	<20,000 T8	14.5	<13.0	10,400	NA	NA	NA	NA	
	5/31/2023	<5.00	<1.00	2.41 J	NA	<13.0	<13.0	3,600	932	9.38 J	115,000	NA	
	8/31/2023	<5.00 C3	<1.00 C3	5.60	91.5 B T8	11.5 J	<13.0	12,400	2,200	47.6	280,000	NA	
	MW-23-D1R	10/26/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	< 50	21 B	NA	555
		10/26/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	240 B	670 B	NA	525
		1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
		6/20/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	660	690 B	NA	485
		7/5/2017	< 4.0	< 4.0	< 8.0	82	< 150	< 140	150	17,100	3,100	11,90,000 ^	NA
		8/27/2017	< 4.0	< 4.0	< 8.0	75	< 83	< 77	1,500	33,900	2200 B	11,90,000 ^	NA
		10/12/2017	< 4.0	< 4.0	< 8.0	55	< 170	< 150	1,300	3,800	1000 B	12,30,000 ^	NA
		7/12/2018	< 4.0	< 4.0	< 8.0	64	< 330	< 310	4,800	4,300	810 B	1,360,000	NA
10/17/2018		< 1.0	1	< 3.0	63	< 660	< 620	3,600	1,900	930	1,220,000	NA	
9/13/2019		< 1.0	0.26 J	< 2.0	68	<83	<77	1,400	1,460	636	971,000	NA	
12/5/2019		< 1.0	< 1.0	< 2.0	660	8.2	< 3.0	2,100	2,020	852	389,000	NA	
2/11/2020		< 1.0	< 1.0	< 2.0	10 B	3.3 J	< 3.0	770 B	2,650	191	474,000	NA	
6/10/2020		<5.00	<1.00	0.190 J	29.6 T8	6.78 J	<13.0	1,560	1,430	511	1,240,000	NA	
8/19/2020		<5.00	<1.00	<3.00	41,200 T8	6.95 J	<13.1	1,780	6,320	1,260	1,300,000	NA	
11/5/2020		<5.00	<1.00	<3.00	23.9 T8	7.51 J	<13.0	2,040	3,260	1,050	1,300,000	NA	
3/19/2021		<5.00	<1.00	<3.00	29.3 T8	<13.0	<13.0	303	105,000	4,350	1,310,000	NA	
6/2/2021		<5.00	<1.00	<3.00	22.3 T8	<13.0	<13.0	876	5,830	1,660	1,280,000	NA	
8/12/2021		<5.00	<1.00	<3.00	30.8 B T8	<13.0	<13.0	944	2,970	973	1,320,000	NA	
11/16/2021		<5.00	<1.00	<3.00	39.1 BT8	<13.0	<13.0	225	3,070	1,120	770,000	NA	
2/2/2022		<5.00	<1.00	<3.00	48.6 T8	<13.0	<13.0	195	11,400	1,090	1,340,000	NA	
5/5/2022		<5.00	<1.00	<3.00	47.1 B T8	<13.0	<13.0	328	5,870	926	1,390,000	NA	
8/25/2022		<5.00	<1.00	<3.00	21.9 B T8	9.18 J	<13.0	1,160	1,450	1,270	1,170,000	NA	
11/29/2022		<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	189	1,730	120	34,000	NA	
3/9/2023		<5.00	<1.00	<3.00	58,200 B T8	<13.0	<13.0	676	5,640	472	1,430,000	NA	
6/1/2023		<5.00 C3	<1.00	<3.00	21.8 B T8	<13.0	<13.0	938	426	346	818,000	NA	
8/31/2023		<5.00 C3	<1.00 C3	<3.00	41.5 B T8	<13.0	<13.0	65.6	267	554	1,200,000	NA	
MW-23-D2R	1/12/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	
	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	

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-23-D2R (cont.)	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
MW-24-D1R	1/13/2016	< 5.0	99	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 4.0	35	9.3	NA	NA	NA	NA	32 J	60 B	NA	550 J
	10/26/2016	< 1.0	33	7.2	NA	NA	NA	NA	< 50	49 B	NA	526
	10/26/2016	< 1.0	15	6.6	NA	NA	NA	NA	58 B	8.9 B	NA	324
	10/26/2016	< 4.0	< 4.0	< 8.0	NA	NA	NA	NA	24 J B	59 B	NA	577
	7/12/2018	< 8.0	160	29	67	130 J	1,100	5,900	10,100	120 B	2,140,000	NA
	10/16/2018	< 5.0	22	25	59	< 660	550 J	6,000	2,900	91	1,070,000	NA
	5/9/2019	< 1.0	1.5	3.6	98	< 330	< 310	1,600	4,120	79.6	1,720,000	NA
	9/13/2019	< 1.0 [≤ 1.0]	8.0 [9.2]	33 [30]	36 [51]	750 [730]	100 J [99 J]	7,300 [7,700]	2,140 [4,060]	32.1 [56.5]	13,20,000 [15,20,000]	NA
	12/5/2019	< 1.0 [≤ 1.0]	3.4 [5.4]	11 [29]	30 [60]	320 [880]	88 [280]	2,400 [8,400]	1,540 [1,410]	40.6 [38.3]	13,40,000 [11,70,000]	NA
	2/11/2020	< 1.0 [≤ 1.0]	2.3 [7.9]	24 [37]	57 B [57 B]	520 [520]	110 [270]	4,500 B [5900]	196 [426]	13.1 J [15]	13,70,000 [15,40,000]	NA
	6/9/2020	<25.0 [≤ 25.0]	2.86 J [≤ 5.00]	31.1 [34.4]	47.8 T8 [38.3 T8]	419 [549]	230 [147]	5,930 [6,460]	1,290 [2,340]	22.6 [40.8]	15,50,000 [16,50,000]	NA
	8/19/2020	<25.0 [≤ 25.0]	<5.00 [≤ 5.00]	26.9 [26.3]	47,000 T8 [46,300 T8]	589 [566]	116 [111]	6,530 [6,280]	674 [819]	9.41 J [14.6]	14,40,000 [14,70,000]	NA
	11/5/2020	<25.0 [≤ 25.0]	<5.00 [≤ 5.00]	24.1 [18.6]	57.2 T8 [48.7 T8]	794 [609]	274 [219]	12,600 [9,970]	486 [631]	9.69 J [10.4]	1,430,000 [1,420,000]	NA
	3/19/2021	<5.00 [≤ 25.0]	<1.00 [≤ 5.00]	23.8 [22.7]	<20 T8 [38 T8]	647 [752]	209 [219]	10,400 [11,100]	415 [4,070]	7.67 J [42.5]	1,430,000 [1,330,000]	NA
	6/1/2021	<5.00 [≤ 25.0 C3]	1.06 [2.21 C3 J]	20.2 [18.0]	38.9 T8 [26.2 T8]	480 [451]	145 [139]	7,940 [6,890]	722 [2,570]	12.4 [39.2]	1,480,000 [1,560,000]	NA
	11/16/2021	<5.00 [≤ 5.00]	<1.00 [≤ 1.00]	12.6 [12.3]	<20 B J T8 [32.3 B T8]	70.5 [78.5]	20.2 [21.8]	1,280 [1,390]	3,390 [15,100]	294 [290]	1,370,000 [1,390,000]	NA [NA]
	2/2/2022	<5.00 [≤ 5.00]	0.242 J [≤ 1.00]	8.44 [9.73]	58.5 T8 [59.3 T8]	38.9 [56.8]	12.7 J [23.0]	872 [1,030]	2,270 [6,490]	333 [290]	1,360,000 [1,390,000]	NA [NA]
	5/4/2022	<5.00 [≤ 5.00 C3 J4]	0.623 J [≤ 1.00]	15.5 [15.1]	38.7 T8 [42.1 B T8]	251 [236]	127 [122]	6,520 [6,430]	18,700 [25,800]	40.9 [48]	1,510,000 [1,430,000]	NA [NA]
	8/24/2022	<5.00 [≤ 5.00]	0.909 J [≤ 1.00]	13.7 [13.8]	116 T8 [124 T8]	286 [242]	134 [91.2]	2,380 [5,530]	4,490 [7,810]	70.9 [80.6]	1,500,000 [1,460,000]	NA [NA]
	11/29/2022	<5.00 [≤ 5.00]	5.16 [≤ 1.00]	7.14 [6.65]	49.2 B T8 [48.6 B T8]	245 [203]	75.8 [53.3]	5,770 [4,490]	3,410 [5,450]	34.4 [56.6]	1,360,000 [1,340,000]	NA
	3/10/2023	<5.00 [≤ 50.0]	<1.00 [≤ 10.0]	7.30 [5.77 J]	59,100 B T8 [57,400 B T8]	225 [209]	99.8 [93.8]	5,990 [5,460]	2,770 [8,930]	50.8 [115]	1,500,000 [1,550,000]	NA
	5/31/2023	<5.00 [≤ 50.0]	<1.00 [≤ 10.0]	10.6 [8.45 J]	64.1 B T8 [56.3 B T8]	229 [159]	104 [117]	6,450 [5,350]	510 [714]	15.2 [24.1]	1,720,000 [1,610,000]	NA [NA]
	8/30/2023	<5.00 J3 [≤ 50.0 J3]	1.00 C3 [≤ 10.0 C]	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
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

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
Units		ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-24-D2 (cont.)	6/9/2020	<5.00	0.269 J	<3.00	<20.0 T8	25.3	<13.0	2,180	380	24.8	471,000	NA
	8/18/2020	<5.00	<1.00	<3.00	<20,000 T8	13.7	<13.0	1,200	436	32.8	518,000	NA
	11/5/2020	<5.00	<1.00	<3.00	<20 J T8	57.4	<13.0	5,720	491	36.4	819,000	NA
	3/19/2021	<5.00	<1.00	<3.00	24.7 T8	44.7	<13.0	4,500	1,960	51.9	1,210,000	NA
	6/1/2021	<5.00	<1.00	<3.00	22.5 T8	24.8	<13.0	1,920	1,480	56.0	1,470,000	NA
	11/16/2021	<5.00	<1.00	0.180 J	<20 JT8	<13.0	<13.0	1,400	556	22.4	453,000	NA
	2/2/2022	<5.00	<1.00	<3.00	22.8 T8	6.08 J	<13.0	350	355	60.2	1,680,000	NA
	5/4/2022	<5.00 C3 J4	<1.00	<3.00	51.2 B T8	27.6	<13.0	2,540	387	65.2	2,200,000	NA
	8/24/2022	<5.00	<1.00 J4	<3.00	89.7 B T8	<13.0	<13.0	267	1,850	61.7	1,870,000	--
	11/29/2022	<5.00	<1.00	<3.00	90.6 B T8	<13.0	<13.0	1,310	830	62.8	2,010,000	NA
	3/10/2023	<5.00	<1.00	<3.00	103,000 B T8	<13.0	<13.0	1,320	828	65.0	2,110,000 V	NA
	5/31/2023	<5.00	<1.00	<3.00	87.2 B T8	<13.0	<13.0	1,180	1,840	65.7	1,870,000	NA
	8/30/2023	<5.00 J3	<1.00 C3	<3.00	110 T8	8.16 J	<13.0	1,460	1,990	62.6	2,020,000	NA
MW-24-VDR	7/12/2018	< 4.0	< 4.0	< 8.0	89	2.1 J	2.3 J	160	37900	910 B	8,960,000	NA
	10/17/2018	< 1.0	0.55 J	< 3.0	79	< 7.5	< 7.0	120	26,100	740	8,730,000	NA
	5/9/2019	< 1.0	0.40 J	< 2.0	92	< 83	< 77	13 J	25,200	597	6,100,000	NA
	9/13/2019	< 1.0	0.35 J	< 2.0	92	< 7.5	< 7.0	26	8,910	235	2,520,000	NA
	12/5/2019	< 1.0	< 1.0	< 2.0	3.8 J	< 4.0	1.7 J	28	36,500	694	9,030,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	85 B	< 4.0	< 3.0	40 B	31,500	523	7,000,000	NA
	6/9/2020	<5.00	<1.00	<3.00	57.7 T8	<13.0	<13.0	77.0	37,100	454	7,320,000	NA
	8/18/2020	<5.00	<1.00	<3.00	75,500 T8	<13.0	<13.0	55.8	44,900	578	8,910,000	NA
	11/5/2020	<5.00	<1.00	<3.00	28.5 T8	<13.0	<13.0	68.1	45,100	588	8,850,000	NA
	3/19/2021	<5.00	<1.00	<3.00	81.7 T8	<13.0	<13.0	87.1	63,900	687	8,250,000	NA
	6/1/2021	<5.00	<1.00	<3.00	45.7 T8	<13.0	<13.0	56.0	53,700	574	8,160,000	NA
	11/16/2021	<5.00	<1.00	<3.00	<20 JT8	<13.0	<13.0	47.1	1,130	7.12 J	47,300	NA
	11/29/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	27.8	403	6.13 J	178,000	NA
	3/10/2023	<5.00	<1.00	<3.00	<20,000 T8	<13.0	<13.0	<10.0	3,290	25.2	293,000	NA
	5/31/2023	<5.00	<1.00	<3.00	51.5 B T8	<13.0	<13.0	36.6	26,100	369	8,300,000	NA
	8/30/2023	<5.00 J3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	<10.0	5,380	91.1	1,820,000	NA
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	152 B	15.9	1,340,000	NA
	5/5/2022	<5.00	4.64	6.03	89.2 B T8	19.8	16.3	4,490	166	25.4	1,340,000	NA
	8/25/2022	<5.00	3.05	5.51	34.6 B T8	34.5	17.2	6,040	181	39.0	1,320,000	NA
	11/29/2022	<5.00	2.12	3.19	53.0 B T8	35.2	<13.0	9,050	510	111	1,270,000	NA
	3/10/2023	<5.00	<1.00	4.18	69,500 B T8	<13.0	<13.0	4,120	502	43.3	1,260,000	NA
	6/1/2023	<5.00 C3	2.21	6.87	88.1 B T8	41.8	<13.0	7,310	1,230	229	1,330,000	NA
	9/1/2023	<5.00 C3	<1.00 C3	6.09	85.4 B T8	21.1	<13.0	5,830	2,950	244	1,030,000	NA

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

Location ID	Date Sampled	Trichloro-fluoro-methane (Freon 11)	Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
			Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		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-D2	1/12/2016	< 5.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	1.2	< 2.0	NA	NA	NA	NA	490 B	700 B	NA	344
	10/25/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	55	63	NA	NA
	10/25/2016	< 2.0	< 2.0	< 4.0	NA	NA	NA	NA	< 50	140	NA	653
	7/5/2017	< 1.0	< 1.0	< 2.0	130	< 7.5	< 7.0	76	970	420	39,30,000 ^	NA
	8/27/2017	< 8.0	< 8.0	< 16	110	< 83	< 77	92	970	310 B	3,370,000	NA
	10/11/2017	< 1.0	< 1.0	< 2.0	55	< 170	< 150	670	1,100	160 B	2,770,000	NA
	10/17/2018	< 1.0	< 1.0	< 3.0	110 B	< 170	< 150	1,100	150	52 B	2,190,000	NA
	5/9/2019	< 1.0	1.5	< 2.0	130	< 660	< 620	750	466	75.2	2,420,000	NA
	9/13/2019	1.0 U	< 1.0	< 2.0	150	< 83	< 77	1,000	207	65.6	2,270,000	NA
	12/6/2019	< 1.0	< 1.0	< 1.0	140	1.1 J	< 3.0	1,300	54.4 J	59.8	2,340,000	NA
	2/11/2020	< 1.0	< 1.0	< 2.0	83 B	0.8 J	< 3.0	710 B	348	88.8	2,500,000	NA
	6/10/2020	< 5.00	< 1.00	0.218 J	57.8 T8	< 13.0	< 13.0	1,340	84.3 J	68.3	2,190,000	NA
	8/19/2020	< 5.00	< 1.00	< 3.00	47.9 T8	< 13.0	< 13.0	360	402	99.5	2,280,000	NA
	11/16/2021	< 5.00	< 1.00	< 3.00	< 20 J T8	< 13.0	< 13.0	35	1,310	1,300	2,320,000	NA
MW-26-VD	1/13/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	74,000 B	2,600 B	NA	61 B
MW-27-D1R	1/13/2016	< 5.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	0.97 J	< 2.0	NA	NA	NA	NA	430	200 B	NA	51,600
	7/5/2017	< 2.0	28	< 4.0	26	< 380	< 350	550	2,800	56	11,30,000 ^	NA
	8/27/2017	< 2.0	110	< 4.0	100	< 170	< 150	1,100	1,300	330 B	960,000	NA
	7/13/2018	< 2.0	88	< 4.0	140	< 660	< 620	3,700	8,200	170 B	1,690,000	NA
	10/18/2018	< 1.0	70	< 3.0	150 B	< 170	< 150	3,900	2,100	61 B	1,770,000	NA
	5/10/2019	< 1.0	17	< 2.0	97	< 83	< 77	1,600	51,600	456	1,900,000	NA
	9/14/2019	< 1.0	25	1.2 J	170	< 330	< 310	1,600	12,800	161	2,090,000	NA
	12/5/2019	1.0 U	61	1.6 J	170	5.5	40	2,600	1,310	51.9	1,920,000	NA
	8/19/2020	< 25.0	33.6	1.12 J	55,300 T8	< 13.0	19.9	1,530	10,600	156	2,710,000	NA
	11/6/2020	< 25.0	26.0 C5	< 15.0	83.4 T8	< 13.0	27.8	2,010	10,900	176	2,140,000	NA
	3/20/2021	< 5.00	26.9	0.593 J	56.6 T8	9.14 J	39.4	3,920	8,780	150	2,160,000	NA
	6/2/2021	< 5.00	45.5	1.05 J	88.9 T8	< 13.0	46.0	2,310	59,600	622	2,230,000	NA
	8/12/2021	< 5.00	23.9	0.820 J	103 T8	6.78 J	42.1	2,260	6,400	138	2,120,000	NA
	11/17/2021	< 5.00	43.7	1.67 J	94.5 B T8	< 13.0	10.7 J	361	684	57.9	2,270,000	NA
	2/2/2022	< 5.00	27.1	0.515 J	109 T8	< 13.0	6.14 J	376	3,770	100	2,150,000	NA
	5/5/2022	< 5.00	27.9	0.846 J	80 B T8	6.43 J	34.9	1,540	3,380	94.5	2,230,000	NA
	11/29/2022	< 5.00	< 1.00	< 3.00	93.2 B T8	< 13.0	< 13.0	684	3,650	343	2,510,000	NA
	3/9/2023	< 5.00	11.1	0.489 J	124,000 B T8	< 13.0	20.3	1,340	371	50.1	2,290,000	NA
	5/31/2023	< 5.00	22.2	0.643 J	96.9 B T8	< 13.0	22.5	1,110	79.4 J	46.1	2,160,000	NA
	8/31/2023	< 5.00 C3	15.5 C3	0.829 J	122 B T8	4.99 J	14.3	705	135	48.0	2,120,000	NA
MW-27-D2	1/13/2016	< 5.0	< 5.0	< 1.0	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

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		5	2	5	NE	NE	NE	NE	300	300	20,000	NE
MW-27-D2 (cont.)	Units	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
	12/5/2019	< 1.0	< 1.0	< 2.0	150	< 4.0	< 3.0	1,600	1,190	174	1,620,000	NA
	2/12/2020	< 1.0	< 1.0	< 2.0	110 B	< 4.0	< 3.0	910 B	1,920	230	1,940,000	NA
	6/10/2020	<5.00	<1.00	0.181 J	98.7 T8	<13.0	<13.0	1,100	887	97.6	1,880,000	NA
	8/19/2020	<5.00	<1.00	<3.00	75,400 T8	<13.0	<13.0	876	747	199	2,470,000	NA
	11/6/2020	<5.00	<1.00	<3.00	60.9 T8	<13.0	<13.0	408	1,360	996	3,260,000	NA
	3/20/2021	<5.00	<1.00	<3.00	93.9 T8	<13.0	<13.0	907	10,600	1,610	4,090,000	NA
	6/2/2021	<5.00	<1.00	<3.00	56.2 T8	<13.0	<13.0	794	12,700 O1	1,600 O1	4,510,000	NA
	8/12/2021	<5.00	<1.00	<3.00	127 T8	<13.0	<13.0	180	9,250	1,600	4,250,000	NA
	11/17/2021	<5.00	<1.00	<3.00	141 T8	<13.0	<13.0	88.7	5,380	1,280	3,690,000	NA
	2/2/2022	<5.00	<1.00	<3.00	134 T8	<13.0	<13.0	104	12,200	1,680	4,350,000	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	85.5 B T8	<13.0	<13.0	411	14,300	1,710	4,710,000	NA
	8/25/2022	<5.00	<1.00	<3.00	60.9 B T8	<13.0	<13.0	412	8,410	1,540	3,560,000	NA
	11/29/2022	<5.00	17.4	0.817 J	47.0 B T8	<13.0	27.6	1,870	431	46.5	2,120,000	NA
	3/9/2023	<5.00	<1.00	<3.00	153,000 T8	<13.0	<13.0	389	9,230	1,560	4,010,000	NA
	5/31/2023	<5.00	<1.00	<3.00	149 T8	<13.0	<13.0	240	2,020	1,170	3,430,000	NA
8/31/2023	<5.00 C3	<1.00 C3	<3.00	111 T8	<13.0	<13.0	6.85 B J	3,550	928	2,550,000	NA	
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	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	< 1.0	< 1.0	< 2.0	51	< 150	< 140	290	3,600	67	418,000 ^	NA
	8/27/2017	< 4.0	< 4.0	< 8.0	15	< 170	< 150	1,000	740	19 B	10,40,000 ^	NA
	10/11/2017	< 4.0	< 4.0	< 8.0	3.8 J	< 170	< 150	520	950	27 B	998,000	NA
	10/17/2018	< 1.0	< 1.0	2.6 J	8.9 B	< 330	< 310	1,500	980	22 B	386,000	NA
	5/9/2019	< 1.0	< 1.0	0.47 J	120	< 660	< 620	1,300	2,480	89	1,940,000	NA
	9/13/2019	< 1.0	1.0	2.2	160	<170	<150	1,600	511	63.1	1,970,000	NA
	12/5/2019	< 1.0	0.68 J	1.9 J	75	33	15	2,500	169	10.4 J	874,000	NA
	2/11/2020	< 1.0	1.7	3	73 B	25	11	1,800 B	253	49.4	1,160,000	NA
	6/9/2020	<5.00	0.625 J	3.11	26.5 T8	12.2 J	<13.0	1,140	226	47.8	1,360,000	NA
	8/19/2020	<5.00	<1.00	1.02 J	23,000 T8	<13.0	<13.0	361	167	57.7	1,410,000	NA
	11/6/2020	<5.00	<1.00	4.11	73.8 T8	46.5	<13.0	4,740	54.8 J	51.3	1,540,000	NA
	6/2/2021	<5.00	<1.00	1.72 J	35.7 T8	<13.0	<13.0	788	88.9 J	40.0	1,340,000	NA
	8/12/2021	<5.00	<1.00	1.62 J	41.9 B T8	<13.0	<13.0	1,380	101	36.0	867,000	NA
	11/16/2021	<5.00	<1.00	1.75 J	<20 JT8	<13.0	<13.0	249	820	43.1	108,000	NA
	2/2/2022	<5.00	<1.00	<3.00	<20.0 J T8	5.09 J	<13.0	805	240 B	14.3	129,000	NA
	5/5/2022	<5.00 C3 J4	<1.00	1.65 J	41.9 B T8	<13.0	<13.0	277	230	32.5	387,000	NA
	8/25/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	23.5	958	60.7	335,000	NA
	11/29/2022	<5.00	<1.00	<3.00	37.3 B T8	<13.0	<13.0	1,700	399	75.6	425,000	NA
	3/9/2023	<5.00	<1.00	0.636 J	105,000 B T8	<13.0	<13.0	1,250	530	76.9	1,850,000	NA
	6/1/2023	<5.00 C3	<1.00	0.541 J	118 B T8	<13.0	<13.0	1,640	381	75.8	2,010,000	NA
	8/31/2023	<5.00 C3	<1.00 C3	0.191 J	105 B T8	<13.0	<13.0	977	2,630	200	1,440,000	NA
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

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

Location ID	Date Sampled		Volatile Organics		GC Volatiles - RSK-175				Inorganics			Alkalinity, Bicarbonate as CaCO3
		Trichloro-fluoro-methane (Freon 11)	Vinyl Chloride (Chloroethene)	Xylene (total)	Carbon Dioxide	Ethane	Ethene	Methane	Iron	Manganese	Sodium	
NYSDEC TOGS 1.1.1		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.)	3/20/2021	<5.00	<1.00	<3.00	68 T8	<13.0	<13.0	416	4,220	1,190	5,210,000	NA
	6/2/2021	<5.00	<1.00	<3.00	68.1 T8	<13.0	<13.0	465	7,120	1,290	5,370,000	NA
	8/12/2021	<5.00	<1.00	<3.00	125 T8	<13.0	<13.0	191	7,560	2,180	4,570,000	NA
	11/16/2021	<5.00	<1.00	<3.00	136 T8	<13.0	<13.0	83.7	6,620	2,020	4,550,000	NA
	2/2/2022	<5.00	<1.00	<3.00	153 T8	<13.0	<13.0	<10.0	5,270	2,120	4,370,000	NA
	5/5/2022	<5.00 C3J4	<1.00	<3.00	123 B T8	<13.0	<13.0	666	1,600	244	2,210,000	NA
	8/25/2022	<5.00	<1.00	<3.00	59.6 B T8	<13.0	<13.0	537	1,270	356	2,100,000	NA
	11/29/2022	<5.00	<1.00	<3.00	33.3 B T8	<13.0	<13.0	226	950	137	973,000	NA
	3/9/2023	<5.00	<1.00	<3.00	125,000 T8	<13.0	<13.0	456	258	287	2,390,000	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	40.1 B T8	<13.0	<13.0	434	453	174	1,130,000	NA
8/31/2023	<5.00 C3	<1.00 C3	<3.00	93.7 T8	<13.0	<13.0	396	191	252	1,890,000	NA	
MW-29-D1	1/14/2016	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	< 1.0	< 1.0	2	NA	NA	NA	NA	520	270 B	NA	4.3 J
	10/26/2016	< 1.0	< 1.0	9.7	NA	NA	NA	NA	220 B	250 B	NA	540
	10/26/2016	< 1.0	< 1.0	4	NA	NA	NA	NA	< 50	5.2 B	NA	547
	7/5/2017	< 2.0	< 2.0	3.7 J	180	< 300	< 280	680	460	350	9,51,000 ^	NA
	8/27/2017	< 2.0	< 2.0	4.3	150	< 660	< 620	11,000	2,400	150 B	24,70,000 ^	NA
	10/12/2017	< 4.0	< 4.0	4.3 J	140	< 170	< 150	5,200	3,400	300 B	8,93,000 ^	NA
	7/13/2018	< 4.0	< 4.0	5.5 J	180	< 660	< 620	15,000	1,300	340 B	988,000	NA
	10/18/2018	< 1.0	< 1.0	8.1	210 B	< 1700	< 1500	19,000	1,500	270 B	960,000	NA
	5/10/2019	< 1.0	< 1.0	3.3	190	< 83	< 77	9,300 E	1,450	470	839,000	NA
	9/14/2019	< 1.0	< 1.0	< 2.0	40	<170	<150	3,200	4,370	58.4	23,500	NA
	12/6/2019	< 1.0	< 1.0	< 2.0	28	1 J	< 3.0	1,100	673	32.1	75,900	NA
	2/12/2020	< 1.0	< 1.0	< 2.0	15 B	< 4.0	< 3.0	340 B	2,040	131	105,000	NA
	6/10/2020	<5.00	<1.00	<3.00	53.4 T8	5.33 J	<13.0	10,700	741	161	643,000	NA
	8/19/2020	<5.00	<1.00	<3.00	39,600 T8	<13.0	<13.0	6,710	1,360	172	574,000	NA
	11/6/2020	<5.00	<1.00	<3.00	31.7 T8	10.6 J	<13.0	10,700	199	146	460,000	NA
	3/20/2021	<5.00	<1.00	<3.00	30.9 T8	9.15 J	<13.0	6,640	8,750	205	524,000	NA
	6/2/2021	<5.00	<1.00	<3.00	27.3 T8	<13.0	<13.0	660	42,600	484	437,000	NA
	8/12/2021	<5.00	<1.00 J4	<3.00	51.4 B T8	<13.0	<13.0	4,950	5,200	272	446,000	NA
	5/5/2022	<5.00	<1.00	<3.00	73.3 B T8	<13.0	<13.0	5,410	35,100	311	577,000	NA
	11/29/2022	<5.00	<1.00	<3.00	<20.0 T8	<13.0	<13.0	4,660	1,510	12.3	17,400	NA
	3/10/2023	<5.00	<1.00	<3.00	98,000 B T8	<13.0	<13.0	1,800	12,500	152	229,000	NA
	6/1/2023	<5.00 C3	<1.00	<3.00	31.6 B T8	<13.0	<13.0	3,130	3,240	83.8	96,400	NA
	9/1/2023	<5.00 C3	<1.00 C3	<3.00	<20 T8	<13.0	<13.0	161	1,750	52.4	63,800	NA
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	< 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	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	< 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	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 August 2023
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)
NYSDEC TOGS 1.1.1		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
AMW-12	1/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D1	6/24/2016	5,69,000 B	NA	NA	NA	NA	NA	NA	170,000	11,900	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-D2	6/23/2016	7,32,000 B	NA	NA	NA	NA	NA	NA	250,000	2,600	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-13-VD	6/23/2016	7,32,000 B	NA	NA	NA	NA	NA	NA	1,860,000	< 100	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMW-14-D1	6/24/2016	8,86,000 B	NA	NA	NA	NA	NA	NA	103,000	48,000	NA
	7/26/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/5/2017	7,16,000 B	3,060	4.5	170 HF	< 50	< 0.050	NA	140,000	38,000	13,100 B
	8/27/2017	5,63,000 B	3,130	5.2	< 100	< 50	< 0.050	NA	251,000	56,400	10,600 B
	10/11/2017	563,000	1,860	4.4	< 100	< 50	< 0.050	NA	1,24,000 B	50,400	23,600 B
	7/12/2018	6,23,000 B	2,970	1.5	120 HF	< 50	< 0.050	NA	172,000	50,800	NA
	10/17/2018	673,000	3,620	4.7	260 HF	< 50	< 0.050	NA	1,98,000 B	48,400	NA
	5/10/2019	805,000	3,700	5.8	< 100 HF	80 J	<0.10	NA	98,000	52,700	45,400 B
	9/13/2019	779,000	3,000	3.1	570 HF	14 J B	<0.10	NA	240,000	64,600	22,100
	12/5/2019	582,000	2,100	6.9	< 100 HF	<100	<0.10	NA	130,000	62,600	21,100
	2/12/2020	386,000	2,400	5	150 HF	17 J H	< 0.1	NA	280,000	64,700	18,400
	6/10/2020	613,000	2,750	0.334 T8	1,470 T8	--	--	<1,000	219,000	<50.0	19,200
	8/19/2020	678	2,950	6.97 T8	1,500 T8	NA	NA	<2,000	131,000	4.16	26,900
	11/4/2020	581,000	3,030	2.71 T8	418 T8	NA	NA	<100	127,000	458	39,000
	3/19/2021	808,000	3,950	10.1 T8	2,440 T8	NA	NA	<2,000	112,000	182	20,000 B
	6/2/2021	719,000	3,180	2.53	513 T8	NA	NA	<2,000	266,000	341	18,900
	8/12/2021	637,000	2,480	2.53	513 T8	NA	NA	<2,000	266,000	341	18,900
	11/16/2021	674,000	3,010	2.53	513 T8	NA	NA	<2,000	266,000	341	18,900
	2/2/2022	541,000	3,090	3,840	1,380 T8	NA	NA	<500	114,000	11,000	34,000
	5/5/2022	409,000	1,900	3,840	1,380 T8	NA	NA	<500	114,000	11,000	34,000
	8/24/2022	391,000	2,450	0.303	5,100 T8	NA	NA	<1,000	133,000	63.0 Q	25,900 B
	11/29/2022	669,000	3,450	1.52	574 T8	NA	NA	<5,000	120,000	12,300	25,600
	3/9/2023	279,000	1,340	0.018 J	654 T8	NA	NA	NA	235,000	3,400	38,800
	5/31/2023	315,000	1,330	0.637	555 T8	NA	NA	<100	108,000	3,490	46,000
	9/1/2023	375,000	1,600	0.631	377 T8	NA	NA	<1,000	52,800	4,200	39,200
AMW-14-D2	6/23/2016	7,40,000 B	NA	NA	NA	NA	NA	NA	263,000	22,500	NA
	7/26/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	4,39,000 B	4,930	< 0.10	< 100	< 50	< 0.050	NA	507,000	4,200	7,800 B
	10/11/2017	830,000	4,070	17.3	< 100	< 50	< 0.050	NA	2,10,000 B	27,200	11,600 B
	7/12/2018	7,85,000 B	4,380	2.5	< 100	< 50	< 0.050	NA	315,000	56,000	NA
	10/17/2018	4,85,000 B	4,510	2.7	< 100	< 50	< 0.050	NA	3,27,000 B	58,800	NA
	5/10/2019	822,000	4,200	<0.10	1,100 HF	49 J	<0.10	NA	84,000	71,600	18,500 B
	9/13/2019	823,000	3,400	1.3	550 HF	<100	0.0092 J B	NA	120,000	60,800	19,200
	12/5/2019	727,000	4,200	6.5	290 HF	<100	<0.10	NA	260,000	51,200	18,300
	2/12/2020	810,000	4,500	4.7	850 HF	< 100	<0.1	NA	310,000	59,700	16,700
	6/10/2020	744,000	4,190	2.71 T8	2,360 T8	NA	NA	<1,000	270,000	<50.0	14,500
	8/19/2020	832	4,380	16.9 T8	847 T8	NA	NA	<2,000	182,000	1.01	16,200
	11/5/2020	692,000	4,330	2.96 T8	322 T8	NA	NA	<100	176,000	8,060	16,800
	3/19/2021	750,000	5,310	27.4 T8	904 T8	--	--	<2,000	321,000	79	15,300
	6/2/2021	473,000	3,020	4.02	563 T8	NA	NA	<2,000	272,000	1,180	2,990 B

Table 3
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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)
NYSDEC TOGS 1.1.1		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	
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	
AMW-15-D1	6/23/2016	602,000	NA	NA	NA	NA	NA	NA	166,000	20,500	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2016	130,000	NA	NA	NA	NA	NA	NA	63,100	8,000	NA
	10/26/2016	528,000	NA	NA	NA	NA	NA	NA	164,000	36,000	NA
	7/5/2017	597,000	73	2.1	< 100	< 50	< 0.050	NA	1,640,000	42,000	9,400 B
	8/27/2017	4,71,000 B	2,480	12.4	< 500	< 50	< 0.050	NA	156,000	53,200	53,400 B
	10/11/2017	641,000	2,760	6.9	< 200	< 50	< 0.050	NA	1,89,000 B	41,600	36,200 B
	10/17/2018	442,000	1,910	3.8	120 HF	79	< 0.050	NA	188,000	56,000	NA
	5/9/2019	422,000	2,500	3.3	<100 HF	430 J	0.38 J	NA	200,000	41,400	36,800 B
	9/13/2019	254,000	1,700	1.5	2,200 HF	< 100	0.029 J	NA	380,000	31,100	38,500
	12/5/2019	424,000	2,000	3.2	340 HF	< 100	<0.10	NA	180,000	30,700	40,800
	2/11/2020	206,000	1,800	3.3	1,400 HF	17 J H	0.017 J H	NA	380,000	11,500	26,300
	6/10/2020	393,000	2,010	<0.050 T8	662 T8	NA	NA	<1,000	331,000	51.0	31,800
	8/19/2020	442	1,990	0.836 T8	481 T8	NA	NA	<10000	202,000	25.6	40,600
	11/4/2020	425,000	2,250	0.142 T8	658 T8	NA	NA	<100	138,000	514	32,100
	3/19/2021	598,000	2,590	13.4 T8	324 T8	NA	NA	<2,000	115,000	1,630	27,400
	6/2/2021	466,000	2,050	<0.100	20,100 T8	NA	NA	<2,000	290,000	1,380 Q	31,900
	11/16/2021	494,000	2,140	<0.100	20,100 T8	NA	NA	<2,000	290,000	1,380 Q	31,900

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Chevron Facility #6518040
Former Gulf Oil Terminal
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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)
NYSDEC TOGS 1.1.1		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.)	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
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
AMW-15-D3	6/23/2016	6,17,000 B	NA	NA	NA	NA	NA	NA	1,790,000	NA	NA
	6/23/2016	12,200 B	NA	NA	NA	NA	NA	NA	784,000	NA	NA
	7/27/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2017	4,08,000 B	4,230	2.3	< 500	< 50	< 0.050	NA	495,000	16,400	34,300 B
	10/11/2017	508,000	7,530	0.45	< 100	< 50	< 0.050	NA	897,000 B	39,200	7,200 B
	7/13/2018	5,18,000 B	4,670	3.1	< 100	< 50	< 0.050	NA	482,000	22,800	NA
	10/17/2018	108,000	7,380	0.26	< 100	< 50	< 0.050	NA	916,000	35,600	NA
	5/10/2019	616,000	8,800	0.30	< 100	42 J	0.056 J	NA	980,000	41,400	14,400 B
	9/13/2019	646,000	4,400	0.40	210 HF	< 100	< 0.10	NA	300,000	55,100	11,000
	12/5/2019	594,000	5,300	0.35	< 100	< 100	< 0.10	NA	470,000	58,800	12,300
	2/11/2020	626,000	2,600	3.10	470 HF	< 500 H	< 0.5 H	NA	290,000	23,200	13,700
	6/9/2020	676,000	4,630	0.605 T8	526 T8	NA	NA	<1,000	534,000	<50.0	13,700
	8/19/2020	479	8,160	2.8 T8	229 T8	NA	NA	<500	919,000	6.8	20,100
	11/4/2020	649,000	4,790	0.447 T8	348 T8	NA	NA	<100	337,000	1,050	13,500
	3/19/2021	310,000	3,000	<0.100 T8	5,440 T8	NA	NA	<500	275,000	27.0 J	8,250
	6/1/2021	493,000	683	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900
8/12/2021	567,000	639	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900	
11/16/2021	350,000	621	<0.100	18,000 T8	NA	NA	<500	50,500	56.0 Q	13,900	

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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)
NYSDEC TOGS 1.1.1		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.)	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
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
AMW-3	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	351,000	NA	NA	NA	NA	NA	NA	970,000	5,300	NA
AMW-7R	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	1,99,000 B	NA	NA	NA	NA	NA	NA	82,300	5,200	NA
	7/11/2018	8,81,000 B	253	19.7	320 HF	< 50	< 0.050	NA	41,900	3,800	NA
	10/17/2018	997,000	192	12.5	< 100	< 50	< 0.050	NA	22,600 B	1,600	NA
	5/10/2019	558,000	120 F1	8.1	< 100 HF	< 100	0.023 J	NA	82,000 F1	<1000	19,800
	9/14/2019	651,000	62	6	840 HF	<100	0.015 J B	NA	49,000	1,200	20,800
	12/6/2019	462,000	80	4.7	100 HF	25 J B	0.017 J	NA	84,000	1,900	88,400
	2/12/2020	597,000	85	23.2	1700 HF	23 J B	0.02 J B	NA	75,000	10,400	19,800
	6/9/2020	516,000	100	4.63 T8	11,300 T8	NA	NA	<100	68,600	<50.0	20,500
	8/19/2020	656	86.6	83.6 T8	11200 T8	NA	NA	<500	96,200	0.062	28,900
	11/6/2020	723,000	78.2	17.2 T8	16,000 T8	NA	NA	<100	37,600	<50	23,500
	3/19/2021	615,000	547	23.4 T8	12,100 T8	NA	NA	<100	115,000	<50	24,300
	6/2/2021	514,000	262	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	8/12/2021	708,000	181	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	11/16/2021	640,000	77	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	5/5/2022	457,000	137	<0.100	26,600 T8	NA	NA	<100 J6	62,200	55.0	20,600
	11/29/2022	533,000	128	<0.10	20,300 T8	NA	NA	<500	47,500	<50.0	23,500
	3/10/2023	370,000	126	<0.1	8,590 T8	NA	NA	<500	57,200	<50.0	21,400
	6/1/2023	516,000	75.7	1.840	2,430 T8	NA	NA	172	163,000	<50.0	13,400
	8/31/2023	681,000	74.6	<0.1	7,700 T8	NA	NA	<100	62,900	<50.0	17,300
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

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		Alkalinity, Total as CaCO3	Chloride	Ferric Iron	Ferrous Iron	Nitrogen, Nitrate as N	Nitrogen, Nitrite	Nitrate-Nitrite	Sulfate (SO4)	Sulfide	Total Organic Carbon (TOC)
NYSDEC TOGS 1.1.1		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
ASB-5	6/2/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASB-7	6/2/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18R	6/22/2016	5,15,000 B	NA	NA	NA	NA	NA	NA	27,800	< 100	NA
	7/11/2018	1,84,000 B	367	1.3	110 HF	< 50	< 0.050	NA	120,000	12,200	NA
	10/17/2018	365,000	259	0.45	< 100	< 50	< 0.050	NA	20,000 B	11,600	NA
	9/14/2019	386,000	480	8.2	3,500 HF	<100	0.024 J B	NA	86,000	14,800	95,400
	12/5/2019	225,000	400	2.8	0.28 HF	30 JB	0.029 J	NA	74,000	15,900	123,000
	2/12/2020	24,400	77	9.6	150 H F	160 B	0.053 J B	NA	14,000	910 J	55,000
	6/9/2020	101,000	269	<0.100 T8	5,360 T8	NA	NA	<1,000	87,100	70.0	57,700
	3/19/2021	131,000	223	0.907 T8	547 T8	NA	NA	<2,000	48,700	55.0	61,100
	6/2/2021	83,300	835	0.106	1,170 T8	NA	NA	<100	36,700	38.0 J	29,200
	8/12/2021	206,000	1,340	0.106	1,170 T8	NA	NA	<100	36,700	38.0 J	29,200
	11/16/2021	199,000	853	0.106	1,170 T8	NA	NA	<100	36,700	38.0 J	29,200
	2/2/2022	--	--	--	--	NA	NA	<500	--	--	--
	5/5/2022	142,000	289	--	--	NA	NA	<500	--	--	--
	8/25/2022	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/2022	231,000	634	NA	NA	NA	NA	<500	90,200	NA	NA
	3/9/2023	245,000	213	NA	NA	NA	NA	NA	68,600	NA	12,200
	5/31/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW-23-D1R	8/31/2023	368,000	204	<0.1	4,040 T8	NA	NA	<500	91,600	<50.0
10/26/2016		555,000	NA	NA	NA	NA	NA	NA	148,000	6,400	NA
10/26/2016		525,000	NA	NA	NA	NA	NA	NA	156,000	13,600	NA
1/12/2016		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/20/2016		485,000	NA	NA	NA	NA	NA	NA	180,000	16,900 F1	NA
7/5/2017		500,000	1,970	17.1	< 100	< 50	< 0.050	NA	259,000	8,400	16,100 B
8/27/2017		5,12,000 B	2,190	31.9	2,000 HF	23 J H	< 0.050	NA	173,000	15,400	17,300 B
10/12/2017		562,000	2,270	3.8	< 100	< 50	< 0.050	NA	1,78,000 B	26,800	15,400 B
7/12/2018		4,95,000 B	2,250	4	260 HF	< 50	< 0.050	NA	149,000	28,800	NA
10/17/2018		360,000	2,260	1.9	< 100	< 50	< 0.050	NA	177,000	25,200	NA
9/13/2019		467,000	2,000	1.1	330 HF	26 J B	0.017 J B	NA	190,000	10,300	20,800
12/5/2019		309,000	1,300	1.8	260 HF	37 JB	0.018 J	NA	130,000	3,500	22,300
2/11/2020		173,000	730	2.5	120 HF	99 J H	0.018 J H	NA	130,000	8,800	7,500
6/10/2020		320,000	1,690	<0.050 T8	1,460 T8	NA	NA	<1,000	213,000	39.0 J	18,200
8/19/2020		543	2,340	1.44 T8	4,880 T8	NA	NA	<2,000	111,000	<0.05	21,600
11/5/2020		401,000	2,030	<0.1 T8	3,600 T8	NA	NA	405	121,000	<50	20,200
3/19/2021		469,000	2,470	103 T8	2,600 T8	NA	NA	275	234,000	414 J6	15,200
6/2/2021		583,000	2,310	2.22	3,620 T8	NA	NA	<100	179,000	27.0 J	15,000
8/12/2021		516,000	2,330	2.22	3,620 T8	NA	NA	<100	179,000	27.0 J	15,000
11/16/2021		275,000	1,390	2.22	3,620 T8	NA	NA	<100	179,000	27.0 J	15,000
2/2/2022		357,000	1,920	10,200	1,180 T8	NA	NA	<1,000	118,000	62.7 J J4	15,200
5/5/2022		448,000	2,810	10,200	1,180 T8	NA	NA	<1,000	118,000	62.7 J J4	15,200
8/25/2022		348,000	2,350	<0.1	4,800 T8	NA	NA	<1,000	183,000	<50.0 Q	16,100
11/29/2022		101,000	43.3	0.689	1,040 T8	NA	NA	1,970	23,600	<50.0	4,960 B
3/9/2023		558,000	2,670	4.82	823 T8	NA	NA	<1,000	213,000	204	7,150
6/1/2023		215,000	1,130	0.053	373 T8	NA	NA	58.2 J	154,000	27.0 J	15,700
8/31/2023	556,000	2,650	<0.05	928 T8	NA	NA	<1,000	107,000 J	16,100	18,100	
MW-23-D2R	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)	
NYSDEC TOGS 1.1.1		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE	
MW-23-D2R (cont.)	Units	ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	
	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		
MW-24-D1R	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/21/2016	6,42,000 B	NA	NA	NA	NA	NA	NA	189,000	79,300	NA	
	10/26/2016	526,000	NA	NA	NA	NA	NA	NA	217,000	64,000 F1	NA	
	10/26/2016	324,000	NA	NA	NA	NA	NA	NA	248,000	60,000	NA	
	10/26/2016	577,000	NA	NA	NA	NA	NA	NA	219,000	56,000	NA	
	7/12/2018	8,75,000 B	4,220	10.1	< 100	< 50	< 0.050	NA	200,000	66,400	NA	
	10/16/2018	583,000	2,370	2.9	< 100	< 50	< 0.050	NA	75,300	56,400	NA	
	5/9/2019	572,000	3,900	3.3	860 HF	63 J	0.014 J	NA	250,000	41,400	15,400 B	
	9/13/2019	4,11,000	1,800 [3,000]	1.9 [3.5]	230 HF	<100 [<100]	0.015 J	NA	3,20,000 [2,00,000]	29,200 [75,900]	36,100 [34,900]	
	12/5/2019	3,01,000	1,900 [2,000]	1.3 [1.3]	290 HF	150 B [< 100]	0.17 B	NA	3,50,000 [1,30,000]	22,400 [92,800]	50,900 [25,900]	
	2/11/2020	3,78,000 [5,30,000]	2,300 [2,500]	0.2 [0.26]	< 100 [170 H F]	16 J H [< 50]	< 0.1 [< 0.5]	NA	3,80,000 [3,40,000]	43,300 [66,900]	35,500 [29,600]	
	6/9/2020	6,03,000 [6,05,000]	2,910 [3,200]	1.02 T8 [1.67 T8]	270 T8 [669 T8]	NA	NA	<1,000 [<1,000]	2,16,000 [2,73,000]	129 [<50.0]	31,100 [21,600]	
	8/19/2020	423 [485]	2,360 [2,390]	0.454 T8 [0.576 T8]	220 T8 [243 T8]	NA	NA	<10,000 [<2,000]	2,04,000 [1,61,000]	0.58 [1.53]	36,000 [29,600]	
	11/5/2020	290,000 [287,000]	2,380 [2,310]	0.302 T8 [0.247 T8]	184 T8 [384 T8]	NA	NA	<100 [<100]	189,000 [248,000]	160 [<50]	36,700 [35,000]	
	3/19/2021	461,000 [523,000]	2,640 [2,750]	0.159 T8 [3.73 T8]	256 T8 [345 T8]	NA	NA	<2,000 [<2,000]	191,000 [165,000]	77.0 [193]	36,300 [37,800]	
	6/1/2021	475,000 [586,000]	2,730 [2,840]	<0.050 [1.560]	905 T8 [1,000 T8]	NA	NA	<2,000 [<100]	372,000 [310,000]	784 Q [230 Q]	35,600 [24,100]	
	11/16/2021	413,000 [313,000]	2,300 [2,500]	<0.050 [1.560]	905 T8 [1,000 T8]	NA	NA	<2,000 [<100]	372,000 [310,000]	784 Q [230 Q]	35,600 [24,100]	
	2/2/2022	298,000 [359,000]	2,350 [2,350]	522 [998]	1,750 T8 [5,500 T8]	NA [NA]	NA [NA]	<1,000 [<1,000]	337,000 [252,000]	33.3 J J4 [80.6 J4]	38,000 [32,100]	
	5/4/2022	522,000 [488,000]	2,610 [2,720]	522 [998]	1,750 T8 [5,500 T8]	NA [NA]	NA [NA]	<1,000 [<1,000]	337,000 [252,000]	33.3 J J4 [80.6 J4]	38,000 [32,100]	
	8/24/2022	326,000 [392,000]	2,420 [2,660]	2.60 [0.758]	1,890 T8 [7,050 T8]	NA	NA	<1,000 [<1,000]	267,000 [160,000]	<50.0 Q [<50.0 Q]	29,600 B [<1,000]	
	11/29/2022	415,000 [375,000]	1,960 [2,040]	0.287 T8 [0.790 T8]	3,130 T8 [4,660 T8]	NA	NA	<5,000 [<5,000]	290,000 [357,000]	56.0 [<50.0]	26,200 [32,100]	
	3/10/2023	563,000 [519,000]	2,560 [2,550]	2.08 [8.47]	692 T8 [458 T8]	NA	NA	<1,000 [<1,000]	154,000 [166,000]	6,210 [5,440]	6,530 [30,200]	
	5/31/2023	518,000 [556,000]	2,300 [2,460]	0.261 [0.218]	249 T8 [496 T8]	NA [NA]	NA [NA]	<100 [<100]	185,000 [151,000]	<50.0 [7,970]	31,400 [32,000]	
	8/30/2023	361,000 [575,000]	2,430 [2,730]	<0.1 [1.02]	3,860 T8 [562 T8]	NA	NA	<100 [<500]	284,000 [144,000]	31,200 [36,800]	35,200 [34,200]	
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	

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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)	
NYSDEC TOGS 1.1.1		NE	250	NE	NE	10,000	1	10,000	NE	NE	NE	
Units		ug/L	mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	
MW-24-D2 (cont.)	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	
	MW-24-VDR	7/12/2018	4,54,000 B	16,000	37.8	100 HF	< 50	< 0.050	NA	1,640,000	< 1,000	NA
		10/17/2018	416,000	13,100	26.1	< 100	< 50	< 0.050	NA	1,300,000	< 1,000	NA
5/9/2019		461,000	16,000	25.2	< 100 HF	10 J	0.063 J	NA	1,700,000	<1,000	7,700 B	
9/13/2019		295,000	7,300	8.2	700 HF	<100	0.010 J	NA	720,000	1,200	7,700	
12/5/2019		446,000	17,000	36.5	< 100 HF	< 100	< 0.10	NA	3,100,000	< 1,000	4,800	
2/11/2020		474,000	15,000	29.5	2000 HF	36 J H	0.013 J	NA	2,000,000	< 1,000	8,200	
6/9/2020		337,000	13,700	<0.100 T8	43,100 T8	NA	NA	<100	1,580,000	<50.0	7,030	
8/18/2020		332	12,800	12.8 T8	32,100 T8	NA	NA	<100	1,510,000	<0.05	8,400	
11/5/2020		388,000	15,800	2.71 T8	42,400 T8	NA	NA	<100	1,770,000	<50	6,760 B	
3/19/2021		459,000	17,300	31.6 T8	32,400 T8	NA	NA	<100	2,020,000	<50	11,300	
6/1/2021		413,000	15,500	<0.100	216,000 T8	NA	NA	<100	1,810,000	<50 Q	9,370 B	
11/16/2021		18,900 J	172	<0.100	216,000 T8	NA	NA	<100	1,810,000	<50 Q	9,370 B	
11/29/2022		71,300	273	<0.10	899 T8	NA	NA	<100	32,900	<50.0 J6	1,620 B	
3/10/2023		176,000	3,500	1.65	1,640 T8	NA	NA	371	407,000	<50.0	2,800 B	
5/31/2023		307,000	8,870	4.140	21,900 T8	NA	NA	<100	994,000	<50.0	2,580	
8/30/2023	128,000	1,230	4.9	478 T8	NA	NA	100 J	150,000	<50.0 J6	7,860		
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	

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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)
NYSDEC TOGS 1.1.1		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-D2	1/12/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	344,000	NA	NA	NA	NA	NA	NA	1,200,000	1,700	NA
	10/25/2016	NA	NA	NA	NA	NA	NA	NA	NA	40,000	NA
	10/25/2016	653,000	NA	NA	NA	NA	NA	NA	382,000	36,000	NA
	7/5/2017	348,000	9,010	0.97	< 100	< 50	< 0.050	NA	1,580,000	24,400	4,300 B
	8/27/2017	379,000	7,980	0.97	< 100	< 50	< 0.050	NA	1,100,000	16,000	4,800 B
	10/11/2017	435,000	8,600	1.1	< 100	28 J	< 0.050	NA	1,100,000	26,800	8,800 B
	10/17/2018	509,000	3,820	0.15	< 100	< 50	< 0.050	NA	3,61,000 B	25,600	NA
	5/9/2019	684,000	5,000	0.47	< 100 HF	21 J	< 0.10	NA	350,000	54,600	14,600 B
	9/13/2019	702,000	4,000	0.21	<100 HF	<100	0.0071 J B	NA	280,000	57,000	14,900
	12/6/2019	628,000	4,000	< 0.1	270 HF	<100	< 0.10	NA	280,000	45,600	13,700
	2/11/2020	588,000	3,900	0.35	< 100 HF	18 J H	< 0.1	NA	420,000	28,200	15,400
	6/10/2020	671,000	4,390	<0.050 T8	279 T8	NA	NA	<1,000	368,000	282	13,200 B
	8/19/2020	638	4,160	0.242 T8	160 T8	NA	NA	<500	288,000	6.6	17,800
	11/16/2021	168,000	5,590	0.242 T8	160 T8	NA	NA	<500	288,000	6.6	17,800
MW-26-VD	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/22/2016	1,76,000 B	NA	NA	NA	NA	NA	NA	497,000	6,000	NA
MW-27-D1R	1/13/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/21/2016	7,95,000 B	NA	NA	NA	NA	NA	NA	290,000	97,300	NA
	7/5/2017	3,94,000 B	2,860	2.8	< 100	< 50	< 0.050	NA	308,000	14,400	13,700 B
	8/27/2017	884,000	5,640	1.3	< 100	< 50	< 0.050	NA	699,000	1,400	14,400 B
	7/13/2018	5,26,000 B	2,770	8	170 HF	< 50	< 0.050	NA	157,000	63,200	NA
	10/18/2018	725,000	3,890	2	91 J HF	< 50	< 0.050	NA	183,000	63,200	NA
	5/10/2019	579,000	3,500	50.7	910 HF	19 J	0.010 J	NA	260,000	37,600	17,600
	9/14/2019	724,000	3,400	12.4	420 HF	<100	0.0084 J B	NA	160,000	53,200	17,600
	12/5/2019	762,000	3,800	1.3	< 100	45 JB	< 0.10	NA	200,000	45,600	16,600
	8/19/2020	945	5,060	0.178 T8	10,400 T8	NA	NA	<2,000	310,000	93.7	18,700
	11/6/2020	652,000	3,870	10.4 T8	552 T8	NA	NA	<100	170,000	<50	14,400 B
	3/20/2021	788,000	4,300	8.07 T8	703 T8	NA	NA	<2,000	171,000	79.0	18,800 B
	6/2/2021	795,000	4,330	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	8/12/2021	839,000	3,970	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	11/17/2021	764,000	4,260	59.2	327 T8	NA	NA	<2,000	314,000	3,640 Q	15,300 B
	2/2/2022	675,000	4,100	3,020	751 T8	NA	NA	<2,000	177,000	4,520	14,400
	5/5/2022	842,000	4,230	3,020	751 T8	NA	NA	<2,000	177,000	4,520	14,400
	11/29/2022	389,000	4,690	<0.10	5,480 T8	NA	NA	<100	525,000	<50.0	6,990 B
	3/9/2023	765,000	3,680	0.113	258 T8	NA	NA	22,600	174,000	17,200	2,970 B
	5/31/2023	768,000	3,460	<0.05	118 T8	NA	NA	<100	177,000	9,030	13,600
	8/31/2023	772,000	3,730	<0.05	622 T8	NA	NA	<1,000	137,000 J	21,000	13,600
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		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.)	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
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
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

Table 3
Summary of Historical Groundwater VOC Analytical Results – 2016 through August 2023
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)
NYSDEC TOGS 1.1.1		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.)	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
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	
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

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



Notes:

ID = Identification

NYSDEC = New York State Department of Environmental Conservation

TOGS = NYSDEC Technical and Operational Guidance Series ambient water quality standards and guidance values of June 1998

ug/L = micrograms per liter

Bolded values = compound was detected

Shaded cells = concentration was above the TOGS

< = Less than indicated reporting limit

NE = Not established

CaCO₃ = calcium carbonate

J = Analyte detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit. Concentrations within this range are estimated.

J0 = The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration method criteria.

J4 = The associated batch QC was outside the established quality control range for accuracy.

J6 = The sample matrix interfered with the ability to make any accurate determination; spike value is low

T8 = Sample(s) received past/too close to holding time expiration.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

H = Sample was prepped or analyzed beyond the specified holding time.

B = Compound was found in the blank and sample.

F1 = Matrix spike and/or matrix spike duplicate recovery was outside acceptance limits.

E = Result exceeded calibration range

C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

C5 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.

[] = Duplicate analysis results

D = Sample was diluted due to high concentration of target analytes.

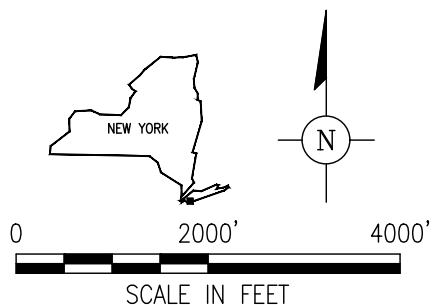
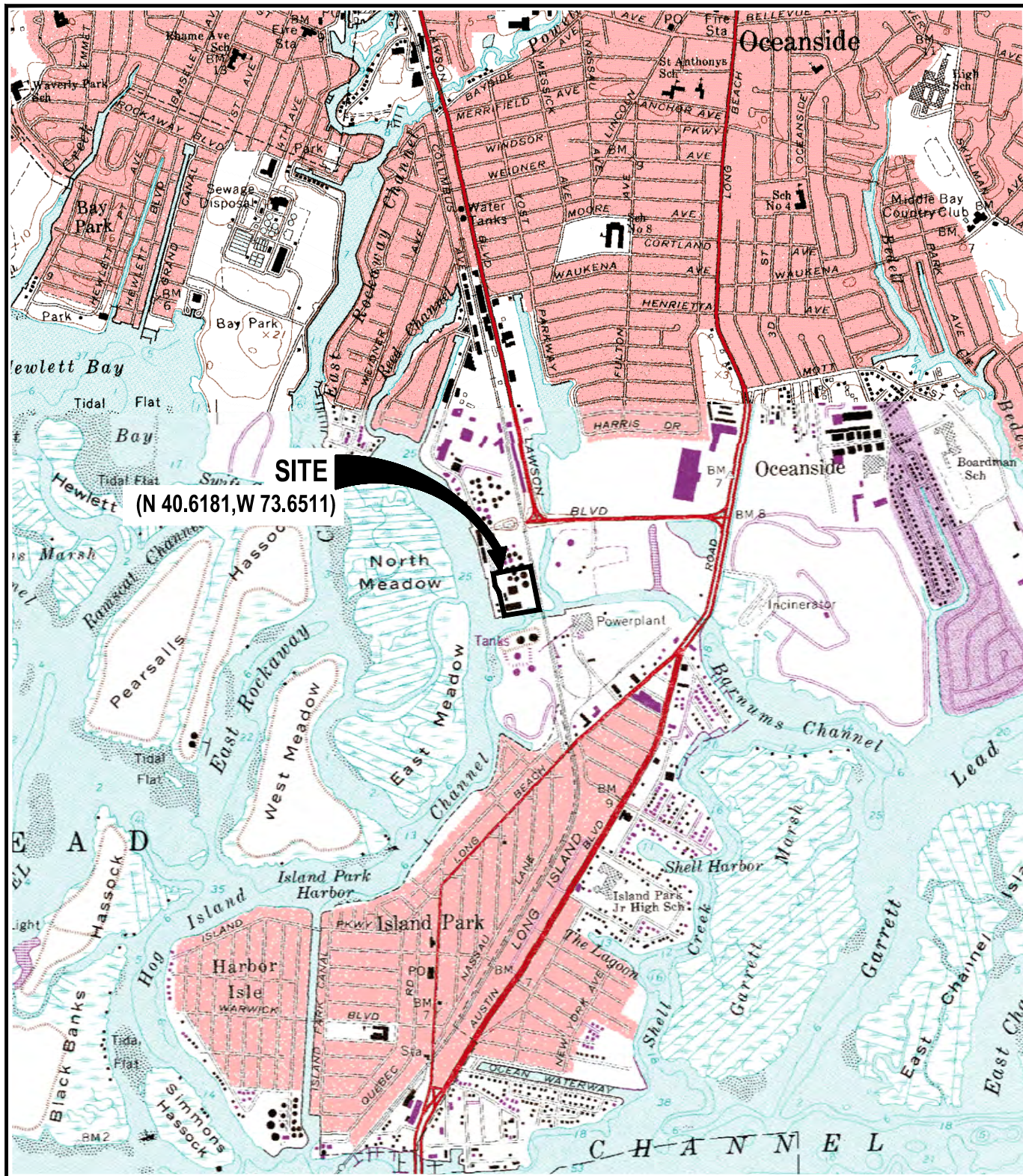
O1 = The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

* = LCS or LCSD was above the control limits.

^ = Instrument related QC was outside acceptance limits.

-- = Not available

Figures



CHEVRON FACILITY 6518040
 3705 HAMPTON RD
 OCEANSIDE, NY

SITE LOCATION MAP



FIGURE
1

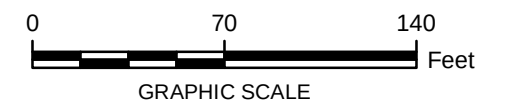
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SITE LOCATION

LEGEND:

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



NOTE:

- 2017 IMAGERY OBTAINED FROM GOOGLE EARTH.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

SITE PLAN



City: SYR Div/Group: IMDV Created By: J.Rapp Last Saved By: avi00976
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SITE LOCATION

LEGEND:

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

NOTE:

1. THE WELLS WERE GAUGED DURING HIGH TIDE.

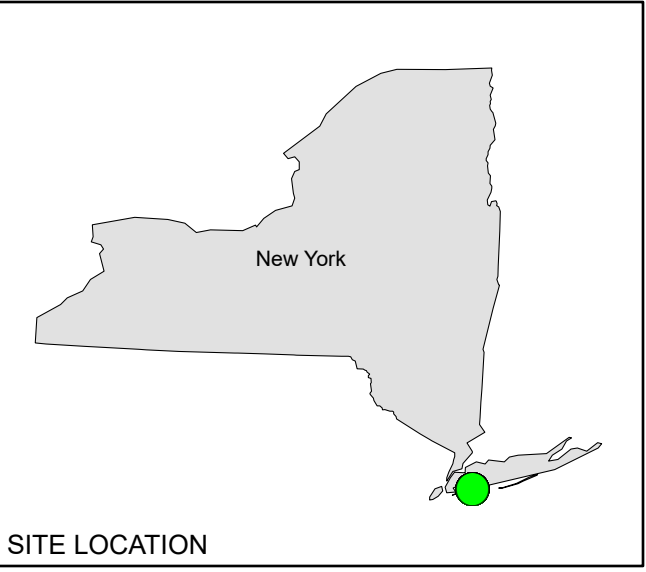
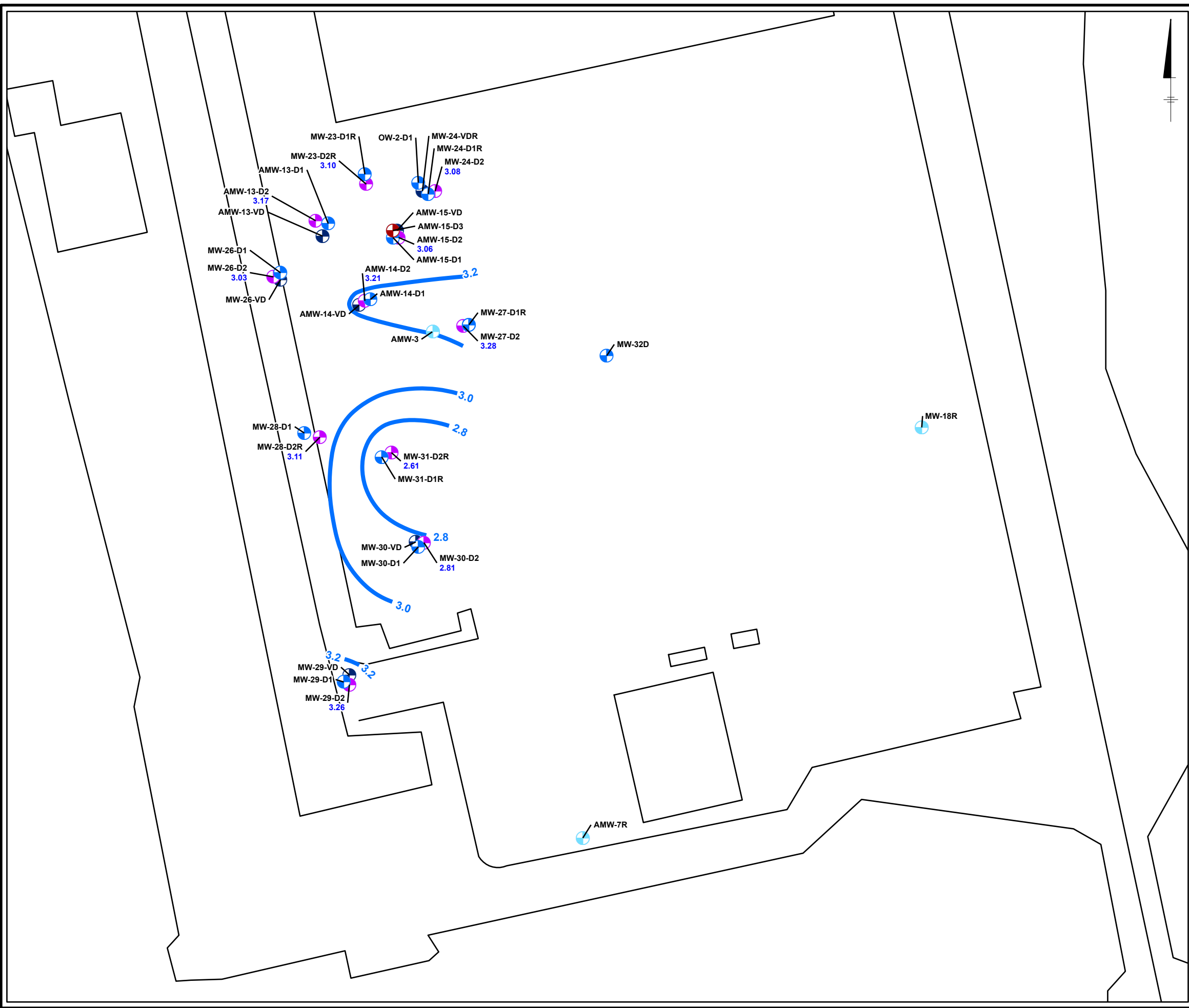
CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

**D1 HORIZON GROUNDWATER
CONTOUR MAP
AUGUST 30, 2023**

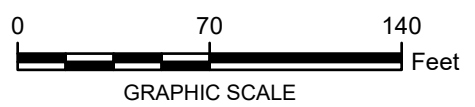
ARCADIS

**FIGURE
3**

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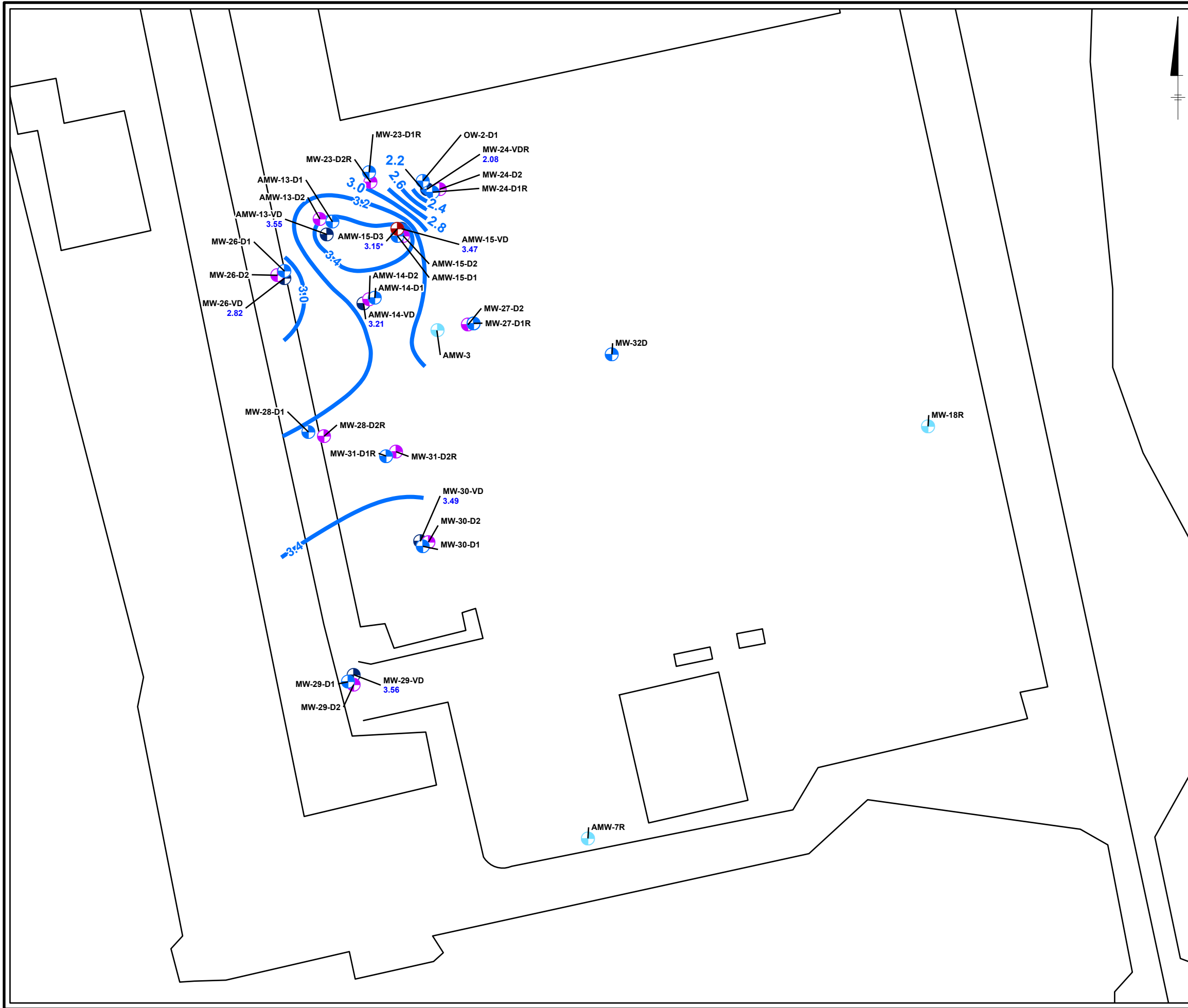


- LEGEND:
- SHALLOW FILL UNIT MONITORING WELLS
 - D1 HORIZON MONITORING WELLS
 - D2 HORIZON MONITORING WELLS
 - D3 HORIZON MONITORING WELLS
 - VD HORIZON MONITORING WELLS
 - GROUNDWATER ELEVATION CONTOUR (NAVD 88)
 - GROUNDWATER ELEVATION IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
 - NOT USED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



NOTE:
1. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040 3705 HAMPTON RD OCEANSIDE, NY	
D2 HORIZON GROUNDWATER CONTOUR MAP AUGUST 30, 2023	
	FIGURE 4



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)
- GROUNDWATER ELEVATION CONTOUR (NAVD 88)
- NOT USED TO GENERATE CONTOURS

0 70 140 Feet
GRAPHIC SCALE

NOTE:

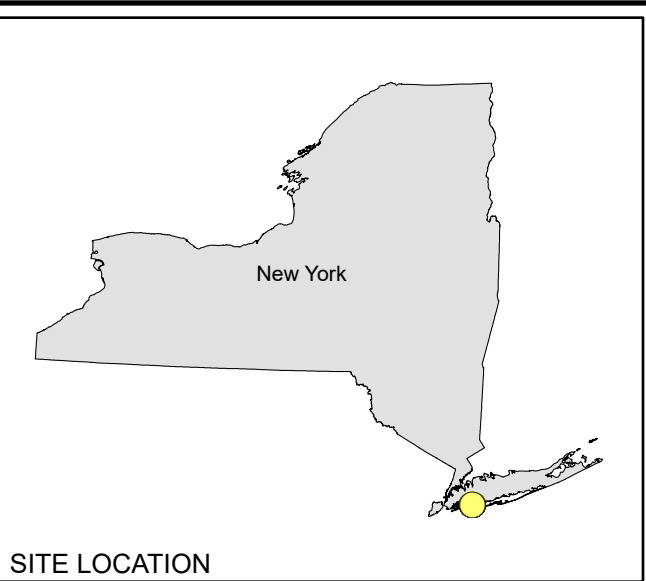
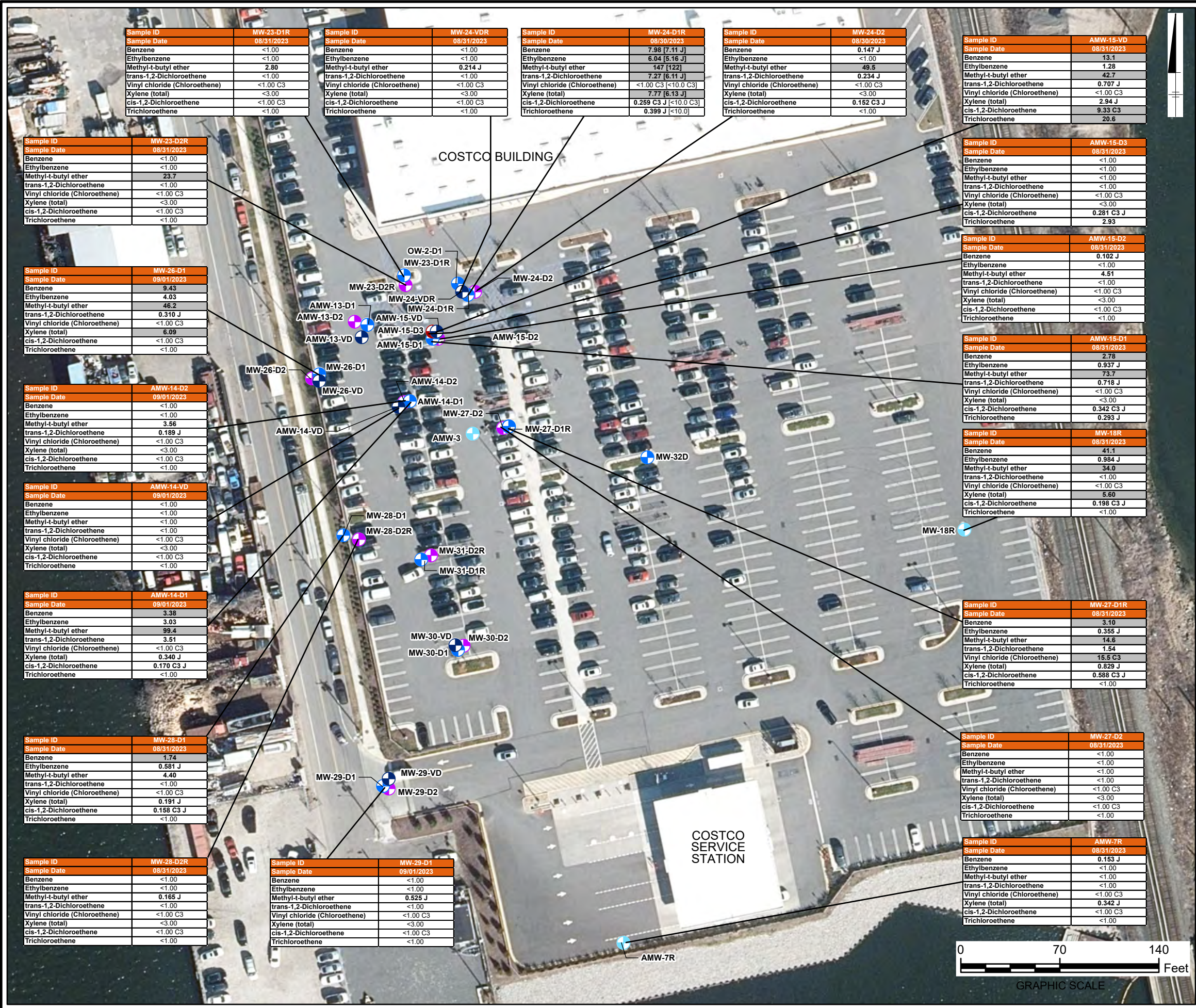
1. THE WELLS WERE GAUGED DURING HIGH TIDE.

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

**VD HORIZON GROUNDWATER
CONTOUR MAP
AUGUST 30, 2023**

FIGURE
5

City: SYR Div/Group: MDV Created By: J.Rapp Last Saved By: av00976
T:\ENV\Chevron_Oceanside_NY\302023\Report\Pro\Chevron_Oceanside_302023.aprx 10/11/2023 5:36 PM



SITE LOCATION

LEGEND:

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

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

NOTES:

SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY
CONCENTRATIONS ARE IN MICROGRAMS PER LITER (UG/L)
ID = IDENTIFICATION
NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
TOGS = NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES OF JUNE 1998
BOLDED VALUES = COMPOUND DETECTED
GREY SHADED CELLS = CONCENTRATION ABOVE THE TOGS
J = THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE;
THE REPORTED VALUE IS AN ESTIMATE.
C3 = THE REPORTED CONCENTRATION IS AN ESTIMATE.
THE CONTINUING CALIBRATION STANDARD ASSOCIATED WITH THIS DATA RESPONDED LOW.
METHOD SENSITIVITY CHECK IS ACCEPTABLE.
[] = DUPLICATE ANALYSIS RESULTS
< = LESS THAN INDICATED REPORTING LIMIT

CHEVRON FACILITY 6518040
3705 HAMPTON RD
OCEANSIDE, NY

GROUNDWATER ANALYTICAL RESULTS
AUGUST 30, 31 AND SEPTEMBER 01, 2023

FIGURE
6

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):		08/30/2023						
Sampler(s):		Shekhar Gahlod						
Gauging Equipment:		Water Level Meter						
Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft bmp)	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
OW-2-D1	08/30/2023	20:37	6.92	ND	33.65	--	--	--
AMW-3	08/30/2023	20:40	6.44	ND	12.39	--	--	--
AMW-7R	08/30/2023	21:04	6.12	ND	13.88	--	--	--
AMW-13-D1	08/30/2023	20:43	6.54	ND	32.79	--	--	--
AMW-13-D2	08/30/2023	20:45	6.59	ND	42.68	--	--	--
AMW-13-VD	08/30/2023	20:48	6.22	ND	70.47	--	--	--
AMW-14-D1	08/30/2023	21:57	6.49	ND	32.66	--	--	--
AMW-14-D2	08/30/2023	21:14	6.16	ND	42.70	--	--	--
AMW-14-VD	08/30/2023	21:16	6.04	ND	74.33	--	--	--
AMW-15-D1	08/30/2023	21:28	6.68	ND	35.76	--	--	--
AMW-15-D2	08/30/2023	21:23	6.65	ND	40.85	--	--	--
AMW-15-D3	08/30/2023	21:24	6.66	ND	71.06	--	--	--
AMW-15-VD	08/30/2023	21:06	6.35	ND	48.59	--	--	--
MW-18R	08/30/2023	21:54	4.58	ND	9.92	--	--	--
MW-23-D1R	08/30/2023	21:27	6.69	ND	26.23	--	--	--
MW-23-D2R	08/30/2023	21:22	7.42	ND	45.94	--	--	--
MW-24-D1R	08/30/2023	21:59	6.89	ND	31.35	--	--	--
MW-24-D2	08/30/2023	20:58	6.92	ND	41.76	--	--	--
MW-24-VDR	08/30/2023	21:09	7.64	ND	65.89	--	--	--
MW-26-D1	08/30/2023	20:13	6.89	ND	20.18	--	--	--
MW-26-D2	08/30/2023	20:20	6.37	ND	8.36	--	--	--
MW-26-VD	08/30/2023	20:11	7.17	ND	64.98	--	--	--
MW-27-D1R	08/30/2023	21:31	5.94	ND	32.34	--	--	--



Groundwater Gauging Log

Project Number		30062947						
Client:		Chevron						
Site ID:		6518040						
Site Location:		Oceanside, New York						
Measuring Point:		Top of Casing						
Date(s):		08/30/2023						
Sampler(s):		Shekhar Gahlod						
Gauging Equipment:		Water Level Meter						
Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft bmp)	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
MW-27-D2	08/30/2023	20:52	5.81	ND	46.27	--	--	--
MW-28-D1	08/30/2023	21:19	5.04	ND	30.18	--	--	--
MW-28-D2R	08/30/2023	20:54	5.29	ND	46.45	--	--	--
MW-29-D1	08/30/2023	21:43	2.09	ND	21.84	--	--	--
MW-29-D2	08/30/2023	21:40	2.12	ND	37.71	--	--	--
MW-29-VD	08/30/2023	21:48	1.71	ND	59.66	--	--	--
MW-30-D1	08/30/2023	19:49	6.13	ND	29.81	--	--	--
MW-30-D2	08/30/2023	19:48	5.91	ND	40.29	--	--	--
MW-30-VD	08/30/2023	19:50	5.21	ND	82.52	--	--	--
MW-31-D1R	08/30/2023	19:55	5.64	ND	29.97	--	--	--
MW-31-D2R	08/30/2023	19:56	5.74	ND	45.79	--	--	--
MW-32D	08/30/2023	19:12	6.38	ND	36.71	--	--	--

ft-bmp = feet below measuring point

ND = Not Detected

PID = Photoionization Detector Reading

ppm = parts per million

-- = Not Recorded



Project Name: Chevron Oceanside
Field Personnel: **SG + FB**

Date: **8/30 - 9/11/23**
Weather:

Well ID	Time	pH	Temp (deg C)	Cond (Ms/cm3)	DO (mg/L)	ORP (mv)	Notes
MW-24-D2	22410	7.02	20.66	10.53	1.09	-241.9	01B 41.70
MW-24-D1R	2330	7.16	19.67	7.511	0.66	-3065	-BD collected 8/30/23 31.35
MW-24-D1R	20410	8.35	18.15	4.138	2.77	-2145	8/30/23 65.89
AMW-15-D1	20020	7.98	17.33	6.573	2.38	-2489	8/31/23 35.78
AMW-15-D1	20045	11.92	17.01	3.762	2.62	-3705	8/31/23 48.59
AMW-15-D3	200100	3.02 ^{9.12}	17.81	0.720	3.08	-229.8	8/31/23 71.08
AMW-15-D3	20130	9.67	18.12	4.400	4.13	-252.5	8/31/23 40.85
MW-16R	1930	7.29	23.55	2.99	3.00	-276.2	8/31/23 9.92
AMW-7R	2025	7.21	19.59	3.96	3.95	-236.8	8/31/23 13.88
MW-28-D1	2100	7.03	18.75	1.17	1.16	-280.2	8/31/23 30.18
MW-28-D1A	2100	6.91	17.67	1.65	1.63	-258.1	8/31/23 41.45
MW-27-D1R	2210	7.02	17.53	0.95	10.36	-274.5	8/31/23 32.34
MW-27-D2	2205	7.57	19.61	1.018	6.31	-208.5	8/31/23 41.6.27
MW-23-D2R	2250	7.14	16.76	7396	1.93	-25.4	8/31/23 45.94
MW-23-D1R	2255	7.10	18.02	0.785 ₁₀₀	0.28	-8.4	8/31/23 26.23
MW-26-D1	2005	7.07	18.48	5.757	0.59	-200.3	9/1/23 20.18
AMW-14-VN	0005	2.11	17.79	6.836	1.12	-283.9	9/1/23 74.33
AMW-14-D1	0045	7.41	16.78	4.824	0.75	-316.9	9/1/23 32.66
AMW-14-D2	0100	7.37	16.41	7.505	1.05	-252.9	9/1/23 42.70
MW-29-D1	0135	8.22	20.49	0.284	3.22	-218.7	9/1/23 21.84

Hydrostatic pressure fell down well
while attached to top metal cuff.
well needed to be finished after

Attachment 2

Laboratory Analytical Report

Arcadis - Chevron - NY

Sample Delivery Group: L1652408
Samples Received: 09/02/2023
Project Number: 30062947.19.45
Description: POD 4 - Oceanside 6518040
Site: 6518040
Report To: Max Mansilla

Entire Report Reviewed By:



Chris McCord
Project Manager

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

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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

SAMPLE SUMMARY

MW-27-D2-W-230831 L1652408-01 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 22:05

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 19:57	09/07/23 19:57	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2128096	1	09/11/23 10:24	09/11/23 10:24	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2128096	1	09/11/23 10:24	09/11/23 10:24	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	10	09/03/23 11:26	09/03/23 11:26	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:10	09/02/23 23:10	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	1	09/03/23 13:46	09/03/23 13:46	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 17:13	09/06/23 17:13	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/14/23 22:15	09/14/23 22:15	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 19:57	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:15	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:24	09/12/23 14:24	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 14:25	09/06/23 14:25	JHH	Mt. Juliet, TN



MW-28-D2R-W-230831 L1652408-02 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 21:00

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:08	09/07/23 20:08	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2128096	1	09/11/23 09:57	09/11/23 09:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2128096	1	09/11/23 09:57	09/11/23 09:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:27	09/03/23 11:27	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:11	09/02/23 23:11	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	1	09/03/23 13:44	09/03/23 13:44	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 17:54	09/06/23 17:54	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/14/23 22:37	09/14/23 22:37	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:08	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:18	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:26	09/12/23 14:26	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 14:46	09/06/23 14:46	JHH	Mt. Juliet, TN

AMW-7R-W-230831 L1652408-03 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 20:25

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:10	09/07/23 20:10	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2128096	1	09/11/23 10:01	09/11/23 10:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2128096	1	09/11/23 10:01	09/11/23 10:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	10	09/03/23 11:28	09/03/23 11:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:12	09/02/23 23:12	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	1	09/03/23 13:47	09/03/23 13:47	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	1	09/06/23 18:07	09/06/23 18:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/14/23 23:02	09/14/23 23:02	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:10	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:28	09/12/23 14:28	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 15:08	09/06/23 15:08	JHH	Mt. Juliet, TN

AMW-14-VD-W-230901 L1652408-04 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:05

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:13	09/07/23 20:13	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2128096	1	09/11/23 10:06	09/11/23 10:06	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2128096	1	09/11/23 10:06	09/11/23 10:06	BJM	Mt. Juliet, TN

SAMPLE SUMMARY

AMW-14-VD-W-230901 L1652408-04 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:05

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3500Fe B-2011	WG2126052	10	09/03/23 11:28	09/03/23 11:28	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:14	09/02/23 23:14	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	1	09/03/23 13:49	09/03/23 13:49	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 18:35	09/06/23 18:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132327	1	09/14/23 12:39	09/14/23 12:39	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:13	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	10	09/06/23 20:15	09/08/23 10:21	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:39	09/12/23 14:39	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 15:30	09/06/23 15:30	JHH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

AMW-14-D2-W-230901 L1652408-05 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 01:00

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:16	09/07/23 20:16	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:01	09/10/23 11:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:01	09/10/23 11:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:29	09/03/23 11:29	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	5	09/02/23 23:15	09/02/23 23:15	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	100	09/03/23 13:49	09/03/23 13:49	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 18:48	09/06/23 18:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/14/23 23:26	09/14/23 23:26	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:16	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:23	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:44	09/12/23 14:44	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 15:52	09/06/23 15:52	JHH	Mt. Juliet, TN

MW-28-D1-W-230831 L1652408-06 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 21:00

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:25	09/07/23 20:25	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:10	09/10/23 11:10	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:10	09/10/23 11:10	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:31	09/03/23 11:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	10	09/02/23 23:16	09/02/23 23:16	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	1	09/03/23 13:49	09/03/23 13:49	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 19:02	09/06/23 19:02	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/14/23 23:54	09/14/23 23:54	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:25	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:26	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:47	09/12/23 14:47	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 16:14	09/06/23 16:14	JHH	Mt. Juliet, TN

MW-23-D2R-W-230831 L1652408-07 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 22:50

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:27	09/07/23 20:27	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:22	09/10/23 11:22	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:22	09/10/23 11:22	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:31	09/03/23 11:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:18	09/02/23 23:18	AEC	Mt. Juliet, TN

SAMPLE SUMMARY

MW-23-D2R-W-230831 L1652408-07 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 22:50

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2126060	1	09/03/23 13:49	09/03/23 13:49	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	20	09/06/23 19:29	09/06/23 19:29	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	5	09/06/23 19:15	09/06/23 19:15	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 00:16	09/15/23 00:16	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:27	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:50	09/12/23 14:50	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 16:36	09/06/23 16:36	JHH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW-23-D1R-W-230831 L1652408-08 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 22:56

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:30	09/07/23 20:30	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:27	09/10/23 11:27	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:27	09/10/23 11:27	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:31	09/03/23 11:31	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	10	09/02/23 23:25	09/02/23 23:25	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	25	09/03/23 13:47	09/03/23 13:47	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 19:43	09/06/23 19:43	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	2	09/15/23 01:42	09/15/23 01:42	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:30	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:29	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:53	09/12/23 14:53	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 16:57	09/06/23 16:57	JHH	Mt. Juliet, TN

MW-27-D1R-W-230831 L1652408-09 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 22:10

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:33	09/07/23 20:33	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:32	09/10/23 11:32	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:32	09/10/23 11:32	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:32	09/03/23 11:32	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	10	09/02/23 23:26	09/02/23 23:26	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126060	100	09/03/23 13:50	09/03/23 13:50	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	100	09/06/23 19:56	09/06/23 19:56	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 02:07	09/15/23 02:07	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:33	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:38	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130341	1	09/12/23 14:56	09/12/23 14:56	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 17:19	09/06/23 17:19	JHH	Mt. Juliet, TN

MW-26-D1-W-230901 L1652408-10 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:05

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:36	09/07/23 20:36	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:36	09/10/23 11:36	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:36	09/10/23 11:36	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:33	09/03/23 11:33	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	10	09/02/23 23:28	09/02/23 23:28	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	25	09/03/23 13:47	09/03/23 13:47	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	20	09/06/23 20:50	09/06/23 20:50	GEB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-26-D1-W-230901 L1652408-10 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:05

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2127361	5	09/06/23 20:37	09/06/23 20:37	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 03:34	09/15/23 03:34	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:36	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	5	09/06/23 20:15	09/08/23 10:41	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130925	1	09/13/23 11:49	09/13/23 11:49	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 17:41	09/06/23 17:41	JHH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW-29-D1-W-23091 L1652408-11 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 01:35

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:39	09/07/23 20:39	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:40	09/10/23 11:40	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:40	09/10/23 11:40	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	10	09/03/23 11:34	09/03/23 11:34	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:29	09/02/23 23:29	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	25	09/03/23 13:48	09/03/23 13:48	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127361	1	09/06/23 15:51	09/06/23 15:51	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 03:59	09/15/23 03:59	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:39	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130925	1	09/13/23 11:59	09/13/23 11:59	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 18:03	09/06/23 18:03	JHH	Mt. Juliet, TN

AMW-14-D1-W-23091 L1652408-12 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:45

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:42	09/07/23 20:42	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:44	09/10/23 11:44	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:44	09/10/23 11:44	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:34	09/03/23 11:34	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	10	09/02/23 23:30	09/02/23 23:30	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	25	09/03/23 13:48	09/03/23 13:48	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127948	20	09/07/23 13:31	09/07/23 13:31	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127948	5	09/07/23 13:18	09/07/23 13:18	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 04:30	09/15/23 04:30	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:42	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130925	1	09/13/23 12:08	09/13/23 12:08	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 18:24	09/06/23 18:24	JHH	Mt. Juliet, TN

MW-18R-W-230831 L1652408-13 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 19:30

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:44	09/07/23 20:44	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:49	09/10/23 11:49	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:49	09/10/23 11:49	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	2	09/03/23 11:38	09/03/23 11:38	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	5	09/02/23 23:32	09/02/23 23:32	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	1	09/03/23 13:47	09/03/23 13:47	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127948	5	09/07/23 13:44	09/07/23 13:44	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 05:03	09/15/23 05:03	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:44	CCE	Mt. Juliet, TN

SAMPLE SUMMARY

MW-18R-W-230831 L1652408-13 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 19:30

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2130925	1	09/13/23 13:15	09/13/23 13:15	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2131703	10	09/14/23 11:17	09/14/23 11:17	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 18:46	09/06/23 18:46	JHH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

FB-W-230901 L1652408-14 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 02:00

Received date/time
09/02/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2126512	1	09/07/23 20:47	09/07/23 20:47	CCE	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2129550	1	09/10/23 11:53	09/10/23 11:53	BJM	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG2129550	1	09/10/23 11:53	09/10/23 11:53	BJM	Mt. Juliet, TN
Wet Chemistry by Method 3500Fe B-2011	WG2126052	1	09/03/23 11:39	09/03/23 11:39	SJA	Mt. Juliet, TN
Wet Chemistry by Method 353.2	WG2125891	1	09/02/23 23:33	09/02/23 23:33	AEC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2126102	1	09/03/23 13:49	09/03/23 13:49	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2127948	1	09/07/23 14:22	09/07/23 14:22	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2132169	1	09/15/23 05:20	09/15/23 05:20	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2126512	1	09/06/23 20:15	09/07/23 20:47	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2130925	1	09/13/23 13:17	09/13/23 13:17	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 12:14	09/06/23 12:14	JHH	Mt. Juliet, TN

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

TB-W-230901 L1652408-15 GW

Collected by
Shekhar Gahlod

Collected date/time
08/31/23 00:00

Received date/time
09/02/23 09:00

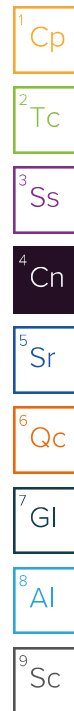
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG2127260	1	09/06/23 11:53	09/06/23 11:53	JHH	Mt. Juliet, TN

CASE NARRATIVE

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
WG2126052	3500Fe B-2011	L1652408-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14
WG2128096	4500CO2 D-2011	L1652408-01, 02, 03, 04
WG2129550	4500CO2 D-2011	L1652408-05, 06, 07, 08, 09, 10, 11, 12, 13, 14

Wet Chemistry by Method 3500Fe B-2011

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

Batch	Lab Sample ID	Analytes
WG2126052	(MS) R3968764-4, L1652408-10	Ferrous Iron

Wet Chemistry by Method 4500S2 D-2011

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

Batch	Lab Sample ID	Analytes
WG2126060	(MS) R3968771-3, (MSD) R3968771-4	Sulfide

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2127361	(MS) R3970205-7	Chloride
WG2127948	(MS) R3971248-4, (MSD) R3971248-5	Chloride

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2126512	(MS) R3970535-4, (MSD) R3970535-5	Sodium

CASE NARRATIVE

Volatile Organic Compounds (GC) by Method RSK175

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2130341	Methane	L1652408-01, 04

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

Batch	Lab Sample ID	Analytes
WG2130341	(DUP) R3972102-3, L1652408-04	Methane

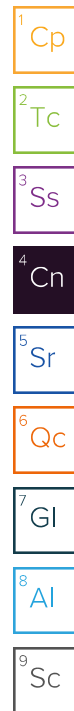
The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2130925	(MS) R3972611-5, (MSD) R3972611-6	Methane
WG2131703	(MS) R3973169-5	Methane

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

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

Batch	Lab Sample ID	Analytes
WG2127260	L1652408-01	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-02	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-03	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-04	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-05	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-06	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-07	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-08	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-09	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-10	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-11	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-12	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-13	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-14	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride
WG2127260	L1652408-15	Bromoform, cis-1,2-Dichloroethene, Cyclohexane, Trichlorofluoromethane and Vinyl chloride



Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		18.0	100	1	09/07/2023 19:57	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	326000		20000	1	09/11/2023 10:24	WG2128096	
Free Carbon Dioxide	111000	T8	20000	1	09/11/2023 10:24	WG2128096	

Sample Narrative:

L1652408-01 WG2128096: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	15500	T8	150	500	10	09/03/2023 11:26	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:10	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:46	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	7340000		37900	100000	100	09/06/2023 17:13	WG2127361
Sulfate	811000		59400	500000	100	09/06/2023 17:13	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	5440		102	1000	1	09/14/2023 22:15	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	3550		18.0	100	1	09/07/2023 19:57	WG2126512
Manganese	928		0.934	10.0	1	09/07/2023 19:57	WG2126512
Sodium	2550000		2520	15000	5	09/08/2023 10:15	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	6.85	B J	2.91	10.0	1	09/12/2023 14:24	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:24	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:24	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 14:25	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 14:25	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 14:25	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 14:25	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 14:25	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 14:25	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 14:25	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 14:25	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 14:25	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 14:25	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 14:25	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 14:25	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 14:25	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 14:25	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 14:25	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 14:25	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 14:25	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 14:25	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 14:25	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 14:25	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 14:25	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 14:25	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 14:25	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 14:25	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 14:25	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 14:25	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 14:25	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 14:25	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 14:25	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 14:25	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 14:25	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 14:25	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 14:25	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 14:25	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 14:25	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 14:25	WG2127260
Methyl tert-butyl ether	U		0.101	1.00	1	09/06/2023 14:25	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 14:25	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 14:25	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 14:25	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 14:25	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 14:25	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 14:25	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 14:25	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 14:25	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 14:25	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 14:25	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 14:25	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 14:25	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 14:25	WG2127260
(S) Toluene-d8	110			80.0-120		09/06/2023 14:25	WG2127260
(S) 4-Bromofluorobenzene	90.8			77.0-126		09/06/2023 14:25	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 14:25	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	15.3	J	15.0	50.0	1	09/07/2023 20:08	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	360000		20000	1	09/11/2023 09:57	WG2128096	
Free Carbon Dioxide	93700	T8	20000	1	09/11/2023 09:57	WG2128096	

Sample Narrative:

L1652408-02 WG2128096: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	176	T8	15.0	50.0	1	09/03/2023 11:27	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:11	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:44	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	3910000		37900	100000	100	09/06/2023 17:54	WG2127361
Sulfate	351000	J	59400	500000	100	09/06/2023 17:54	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	6700		102	1000	1	09/14/2023 22:37	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	191		18.0	100	1	09/07/2023 20:08	WG2126512
Manganese	252		0.934	10.0	1	09/07/2023 20:08	WG2126512
Sodium	1890000		2520	15000	5	09/08/2023 10:18	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	396		2.91	10.0	1	09/12/2023 14:26	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:26	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:26	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 14:46	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 14:46	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 14:46	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 14:46	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 14:46	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 14:46	WG2127260
Carbon disulfide	0.131	U	0.0962	1.00	1	09/06/2023 14:46	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 14:46	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 14:46	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 14:46	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 14:46	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 14:46	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 14:46	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 14:46	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 14:46	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 14:46	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 14:46	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 14:46	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 14:46	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 14:46	WG2127260
1,1-Dichloroethane	0.302	U	0.100	1.00	1	09/06/2023 14:46	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 14:46	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 14:46	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 14:46	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 14:46	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 14:46	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 14:46	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 14:46	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 14:46	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 14:46	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 14:46	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 14:46	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 14:46	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 14:46	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 14:46	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 14:46	WG2127260
Methyl tert-butyl ether	0.165	U	0.101	1.00	1	09/06/2023 14:46	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 14:46	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 14:46	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 14:46	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 14:46	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 14:46	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 14:46	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 14:46	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 14:46	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 14:46	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 14:46	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 14:46	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 14:46	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 14:46	WG2127260
(S) Toluene-d8	113			80.0-120		09/06/2023 14:46	WG2127260
(S) 4-Bromofluorobenzene	89.6			77.0-126		09/06/2023 14:46	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 14:46	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		18.0	100	1	09/07/2023 20:10	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	681000		20000	1	09/11/2023 10:01	WG2128096	
Free Carbon Dioxide	51500	B T8	20000	1	09/11/2023 10:01	WG2128096	

Sample Narrative:

L1652408-03 WG2128096: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	7700	T8	150	500	10	09/03/2023 11:28	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:12	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:47	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	74600		379	1000	1	09/06/2023 18:07	WG2127361
Sulfate	62900		594	5000	1	09/06/2023 18:07	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	17300		102	1000	1	09/14/2023 23:02	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	2250		18.0	100	1	09/07/2023 20:10	WG2126512
Manganese	1960		0.934	10.0	1	09/07/2023 20:10	WG2126512
Sodium	87200		504	3000	1	09/07/2023 20:10	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	6250		2.91	10.0	1	09/12/2023 14:28	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:28	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:28	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 15:08	WG2127260
Benzene	0.153	J	0.0941	1.00	1	09/06/2023 15:08	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 15:08	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 15:08	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 15:08	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 15:08	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 15:08	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 15:08	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 15:08	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 15:08	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 15:08	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 15:08	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 15:08	WG2127260
Cyclohexane	3.65	C3	0.188	1.00	1	09/06/2023 15:08	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 15:08	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 15:08	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 15:08	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 15:08	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 15:08	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 15:08	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 15:08	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 15:08	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 15:08	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 15:08	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 15:08	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 15:08	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 15:08	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 15:08	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 15:08	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 15:08	WG2127260
Isopropylbenzene	1.54		0.105	1.00	1	09/06/2023 15:08	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 15:08	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 15:08	WG2127260
Methyl Cyclohexane	4.93		0.660	1.00	1	09/06/2023 15:08	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 15:08	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 15:08	WG2127260
Methyl tert-butyl ether	U		0.101	1.00	1	09/06/2023 15:08	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 15:08	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 15:08	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 15:08	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 15:08	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 15:08	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 15:08	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 15:08	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 15:08	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 15:08	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 15:08	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 15:08	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 15:08	WG2127260
Xylenes, Total	0.342	J	0.174	3.00	1	09/06/2023 15:08	WG2127260
(S) Toluene-d8	104			80.0-120		09/06/2023 15:08	WG2127260
(S) 4-Bromofluorobenzene	89.1			77.0-126		09/06/2023 15:08	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 15:08	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		18.0	100	1	09/07/2023 20:13	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	607000		20000	1	09/11/2023 10:06	WG2128096	
Free Carbon Dioxide	180000	T8	20000	1	09/11/2023 10:06	WG2128096	

Sample Narrative:

L1652408-04 WG2128096: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	16900	T8	150	500	10	09/03/2023 11:28	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:14	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:49	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	16600000		37900	100000	100	09/06/2023 18:35	WG2127361
Sulfate	1700000		59400	500000	100	09/06/2023 18:35	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	30500		102	1000	1	09/14/2023 12:39	WG2132327

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	11000		18.0	100	1	09/07/2023 20:13	WG2126512
Manganese	261		0.934	10.0	1	09/07/2023 20:13	WG2126512
Sodium	5120000		5040	30000	10	09/08/2023 10:21	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	7.80	B J P1	2.91	10.0	1	09/12/2023 14:39	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:39	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:39	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 15:30	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 15:30	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 15:30	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 15:30	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 15:30	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 15:30	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 15:30	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 15:30	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 15:30	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 15:30	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 15:30	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 15:30	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 15:30	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 15:30	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 15:30	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 15:30	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 15:30	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 15:30	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 15:30	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 15:30	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 15:30	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 15:30	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 15:30	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 15:30	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 15:30	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 15:30	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 15:30	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 15:30	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 15:30	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 15:30	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 15:30	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 15:30	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 15:30	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 15:30	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 15:30	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 15:30	WG2127260
Methyl tert-butyl ether	U		0.101	1.00	1	09/06/2023 15:30	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 15:30	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 15:30	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 15:30	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 15:30	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 15:30	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 15:30	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 15:30	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 15:30	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 15:30	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 15:30	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 15:30	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 15:30	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 15:30	WG2127260
(S) Toluene-d8	113			80.0-120		09/06/2023 15:30	WG2127260
(S) 4-Bromofluorobenzene	91.9			77.0-126		09/06/2023 15:30	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 15:30	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/07/2023 20:16	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	768000		20000	1	09/10/2023 11:01	WG2129550	
Free Carbon Dioxide	128000	B T8	20000	1	09/10/2023 11:01	WG2129550	

Sample Narrative:

L1652408-05 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	572	T8	15.0	50.0	1	09/03/2023 11:29	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	550		250	500	5	09/02/2023 23:15	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	24500		2500	5000	100	09/03/2023 13:49	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	3900000		37900	100000	100	09/06/2023 18:48	WG2127361
Sulfate	128000	J	59400	500000	100	09/06/2023 18:48	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13000		102	1000	1	09/14/2023 23:26	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	154		18.0	100	1	09/07/2023 20:16	WG2126512
Manganese	71.3		0.934	10.0	1	09/07/2023 20:16	WG2126512
Sodium	2130000		2520	15000	5	09/08/2023 10:23	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	721		2.91	10.0	1	09/12/2023 14:44	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:44	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:44	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 15:52	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 15:52	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 15:52	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 15:52	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 15:52	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 15:52	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 15:52	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 15:52	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 15:52	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 15:52	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 15:52	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 15:52	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 15:52	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 15:52	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 15:52	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 15:52	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 15:52	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 15:52	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 15:52	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 15:52	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 15:52	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 15:52	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 15:52	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 15:52	WG2127260
trans-1,2-Dichloroethene	0.189	U	0.149	1.00	1	09/06/2023 15:52	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 15:52	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 15:52	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 15:52	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 15:52	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 15:52	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 15:52	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 15:52	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 15:52	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 15:52	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 15:52	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 15:52	WG2127260
Methyl tert-butyl ether	3.56		0.101	1.00	1	09/06/2023 15:52	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 15:52	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 15:52	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 15:52	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 15:52	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 15:52	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 15:52	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 15:52	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 15:52	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 15:52	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 15:52	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 15:52	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 15:52	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 15:52	WG2127260
(S) Toluene-d8	107			80.0-120		09/06/2023 15:52	WG2127260
(S) 4-Bromofluorobenzene	92.2			77.0-126		09/06/2023 15:52	WG2127260
(S) 1,2-Dichloroethane-d4	104			70.0-130		09/06/2023 15:52	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	1650		15.0	50.0	1	09/07/2023 20:25	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	593000		20000	1	09/10/2023 11:10	WG2129550	
Free Carbon Dioxide	105000	B T8	20000	1	09/10/2023 11:10	WG2129550	

Sample Narrative:

L1652408-06 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	981	T8	15.0	50.0	1	09/03/2023 11:31	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		500	1000	10	09/02/2023 23:16	WG2125891

Sample Narrative:

L1652408-06 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	91.0		25.0	50.0	1	09/03/2023 13:49	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	2850000		37900	100000	100	09/06/2023 19:02	WG2127361
Sulfate	206000	J	59400	500000	100	09/06/2023 19:02	WG2127361

Wet Chemistry by Method 9060A

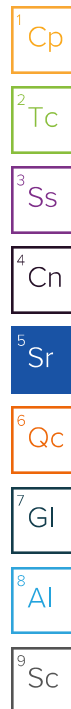
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	25600		102	1000	1	09/14/2023 23:54	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	2630		18.0	100	1	09/07/2023 20:25	WG2126512
Manganese	200		0.934	10.0	1	09/07/2023 20:25	WG2126512
Sodium	1440000		2520	15000	5	09/08/2023 10:26	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	977		2.91	10.0	1	09/12/2023 14:47	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:47	WG2130341

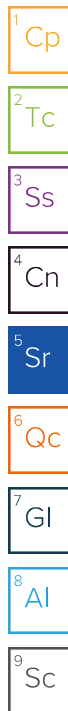


Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	09/12/2023 14:47	WG2130341

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	09/06/2023 16:14	WG2127260
Benzene	1.74		0.0941	1.00	1	09/06/2023 16:14	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 16:14	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 16:14	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 16:14	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 16:14	WG2127260
Carbon disulfide	0.512	U	0.0962	1.00	1	09/06/2023 16:14	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 16:14	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 16:14	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 16:14	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 16:14	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 16:14	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 16:14	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 16:14	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 16:14	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 16:14	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 16:14	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 16:14	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 16:14	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 16:14	WG2127260
1,1-Dichloroethane	0.826	U	0.100	1.00	1	09/06/2023 16:14	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 16:14	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 16:14	WG2127260
cis-1,2-Dichloroethene	0.158	C3 J	0.126	1.00	1	09/06/2023 16:14	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 16:14	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 16:14	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 16:14	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 16:14	WG2127260
Ethylbenzene	0.581	U	0.137	1.00	1	09/06/2023 16:14	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 16:14	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 16:14	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 16:14	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 16:14	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 16:14	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 16:14	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 16:14	WG2127260
Methyl tert-butyl ether	4.40		0.101	1.00	1	09/06/2023 16:14	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 16:14	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 16:14	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 16:14	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 16:14	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 16:14	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 16:14	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 16:14	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 16:14	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 16:14	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 16:14	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 16:14	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 16:14	WG2127260
Xylenes, Total	0.191	J	0.174	3.00	1	09/06/2023 16:14	WG2127260
(S) Toluene-d8	112			80.0-120		09/06/2023 16:14	WG2127260



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	94.9			77.0-126		09/06/2023 16:14	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 16:14	WG2127260

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/07/2023 20:27	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	271000		20000	1	09/10/2023 11:22		WG2129550
Free Carbon Dioxide	25300	B T8	20000	1	09/10/2023 11:22		WG2129550

Sample Narrative:

L1652408-07 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	1590	T8	15.0	50.0	1	09/03/2023 11:31	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:18	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:49	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	1680000		7580	20000	20	09/06/2023 19:29	WG2127361
Sulfate	95000		2970	25000	5	09/06/2023 19:15	WG2127361

Wet Chemistry by Method 9060A

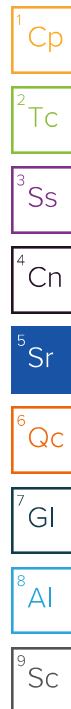
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	8080		102	1000	1	09/15/2023 00:16	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	872		18.0	100	1	09/07/2023 20:27	WG2126512
Manganese	136		0.934	10.0	1	09/07/2023 20:27	WG2126512
Sodium	767000		504	3000	1	09/07/2023 20:27	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	721		2.91	10.0	1	09/12/2023 14:50	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:50	WG2130341
Ethene	U		4.26	13.0	1	09/12/2023 14:50	WG2130341



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	09/06/2023 16:36	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 16:36	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 16:36	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 16:36	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 16:36	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 16:36	WG2127260
Carbon disulfide	0.137	U	0.0962	1.00	1	09/06/2023 16:36	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 16:36	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 16:36	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 16:36	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 16:36	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 16:36	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 16:36	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 16:36	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 16:36	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 16:36	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 16:36	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 16:36	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 16:36	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 16:36	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 16:36	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 16:36	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 16:36	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 16:36	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 16:36	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 16:36	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 16:36	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 16:36	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 16:36	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 16:36	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 16:36	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 16:36	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 16:36	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 16:36	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 16:36	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 16:36	WG2127260
Methyl tert-butyl ether	23.7		0.101	1.00	1	09/06/2023 16:36	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 16:36	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 16:36	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 16:36	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 16:36	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 16:36	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 16:36	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 16:36	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 16:36	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 16:36	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 16:36	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 16:36	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 16:36	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 16:36	WG2127260
(S) Toluene-d8	111			80.0-120		09/06/2023 16:36	WG2127260
(S) 4-Bromofluorobenzene	93.4			77.0-126		09/06/2023 16:36	WG2127260
(S) 1,2-Dichloroethane-d4	106			70.0-130		09/06/2023 16:36	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/07/2023 20:30	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	556000		20000	1	09/10/2023 11:27		WG2129550
Free Carbon Dioxide	41500	B T8	20000	1	09/10/2023 11:27		WG2129550

Sample Narrative:

L1652408-08 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	928	T8	15.0	50.0	1	09/03/2023 11:31	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		500	1000	10	09/02/2023 23:25	WG2125891

Sample Narrative:

L1652408-08 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	16100		625	1250	25	09/03/2023 13:47	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	2650000		37900	100000	100	09/06/2023 19:43	WG2127361
Sulfate	107000	J	59400	500000	100	09/06/2023 19:43	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	18100		204	2000	2	09/15/2023 01:42	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	267		18.0	100	1	09/07/2023 20:30	WG2126512
Manganese	554		0.934	10.0	1	09/07/2023 20:30	WG2126512
Sodium	1200000		2520	15000	5	09/08/2023 10:29	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	65.6		2.91	10.0	1	09/12/2023 14:53	WG2130341
Ethane	U		4.07	13.0	1	09/12/2023 14:53	WG2130341

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-23-D1R-W-230831

Collected date/time: 08/31/23 22:56

SAMPLE RESULTS - 08

L1652408

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	09/12/2023 14:53	WG2130341

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	09/06/2023 16:57	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 16:57	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 16:57	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 16:57	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 16:57	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 16:57	WG2127260
Carbon disulfide	0.740	U	0.0962	1.00	1	09/06/2023 16:57	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 16:57	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 16:57	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 16:57	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 16:57	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 16:57	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 16:57	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 16:57	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 16:57	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 16:57	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 16:57	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 16:57	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 16:57	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 16:57	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 16:57	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 16:57	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 16:57	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 16:57	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 16:57	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 16:57	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 16:57	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 16:57	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 16:57	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 16:57	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 16:57	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 16:57	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 16:57	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 16:57	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 16:57	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 16:57	WG2127260
Methyl tert-butyl ether	2.80		0.101	1.00	1	09/06/2023 16:57	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 16:57	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 16:57	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 16:57	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 16:57	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 16:57	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 16:57	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 16:57	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 16:57	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 16:57	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 16:57	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 16:57	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 16:57	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 16:57	WG2127260
(S) Toluene-d8	107			80.0-120		09/06/2023 16:57	WG2127260

ACCOUNT:

Arcadis - Chevron - NY

PROJECT:

30062947.19.45

SDG:

L1652408

DATE/TIME:

09/20/23 18:42

PAGE:

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	90.3			77.0-126		09/06/2023 16:57	WG2127260
(S) 1,2-Dichloroethane-d4	106			70.0-130		09/06/2023 16:57	WG2127260

1
Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/07/2023 20:33	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	772000		20000	1	09/10/2023 11:32	WG2129550	
Free Carbon Dioxide	122000	B T8	20000	1	09/10/2023 11:32	WG2129550	

Sample Narrative:

L1652408-09 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	622	T8	15.0	50.0	1	09/03/2023 11:32	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		500	1000	10	09/02/2023 23:26	WG2125891

Sample Narrative:

L1652408-09 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	21000		2500	5000	100	09/03/2023 13:50	WG2126060

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	3730000		37900	100000	100	09/06/2023 19:56	WG2127361
Sulfate	137000	J	59400	500000	100	09/06/2023 19:56	WG2127361

Wet Chemistry by Method 9060A

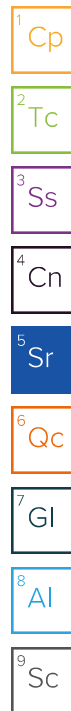
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13600		102	1000	1	09/15/2023 02:07	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	135		18.0	100	1	09/07/2023 20:33	WG2126512
Manganese	48.0		0.934	10.0	1	09/07/2023 20:33	WG2126512
Sodium	2120000		2520	15000	5	09/08/2023 10:38	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	705		2.91	10.0	1	09/12/2023 14:56	WG2130341
Ethane	4.99	J	4.07	13.0	1	09/12/2023 14:56	WG2130341

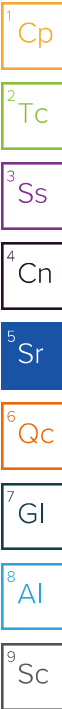


Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	14.3		4.26	13.0	1	09/12/2023 14:56	WG2130341

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	09/06/2023 17:19	WG2127260
Benzene	3.10		0.0941	1.00	1	09/06/2023 17:19	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 17:19	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 17:19	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 17:19	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 17:19	WG2127260
Carbon disulfide	0.303	U	0.0962	1.00	1	09/06/2023 17:19	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 17:19	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 17:19	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 17:19	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 17:19	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 17:19	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 17:19	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 17:19	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 17:19	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 17:19	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 17:19	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 17:19	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 17:19	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 17:19	WG2127260
1,1-Dichloroethane	0.277	U	0.100	1.00	1	09/06/2023 17:19	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 17:19	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 17:19	WG2127260
cis-1,2-Dichloroethene	0.588	C3 J	0.126	1.00	1	09/06/2023 17:19	WG2127260
trans-1,2-Dichloroethene	1.54		0.149	1.00	1	09/06/2023 17:19	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 17:19	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 17:19	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 17:19	WG2127260
Ethylbenzene	0.355	U	0.137	1.00	1	09/06/2023 17:19	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 17:19	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 17:19	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 17:19	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 17:19	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 17:19	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 17:19	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 17:19	WG2127260
Methyl tert-butyl ether	14.6		0.101	1.00	1	09/06/2023 17:19	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 17:19	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 17:19	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 17:19	WG2127260
Toluene	0.370	U	0.278	1.00	1	09/06/2023 17:19	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 17:19	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 17:19	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 17:19	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 17:19	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 17:19	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 17:19	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 17:19	WG2127260
Vinyl chloride	15.5	C3	0.234	1.00	1	09/06/2023 17:19	WG2127260
Xylenes, Total	0.829	U	0.174	3.00	1	09/06/2023 17:19	WG2127260
(S) Toluene-d8	107			80.0-120		09/06/2023 17:19	WG2127260



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	88.9			77.0-126		09/06/2023 17:19	WG2127260
(S) 1,2-Dichloroethane-d4	106			70.0-130		09/06/2023 17:19	WG2127260

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Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Calculated Results

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Ferric Iron	962		15.0	50.0	1	09/07/2023 20:36	WG2126512

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l				
Alkalinity	455000		20000	1	09/10/2023 11:36		WG2129550
Free Carbon Dioxide	85400	B T8	20000	1	09/10/2023 11:36		WG2129550

Sample Narrative:

L1652408-10 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Ferrous Iron	1990	J5 T8	15.0	50.0	1	09/03/2023 11:33	WG2126052

Wet Chemistry by Method 353.2

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Nitrate-Nitrite	U		500	1000	10	09/02/2023 23:28	WG2125891

Sample Narrative:

L1652408-10 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Sulfide	U		625	1250	25	09/03/2023 13:47	WG2126102

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Chloride	1850000		7580	20000	20	09/06/2023 20:50	WG2127361
Sulfate	89700		2970	25000	5	09/06/2023 20:37	WG2127361

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
TOC (Total Organic Carbon)	41300		102	1000	1	09/15/2023 03:34	WG2132169

Metals (ICP) by Method 6010D

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Iron	2950		18.0	100	1	09/07/2023 20:36	WG2126512
Manganese	244		0.934	10.0	1	09/07/2023 20:36	WG2126512
Sodium	1030000		2520	15000	5	09/08/2023 10:41	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l	ug/l			
Methane	5830		2.91	10.0	1	09/13/2023 11:49	WG2130925
Ethane	21.1		4.07	13.0	1	09/13/2023 11:49	WG2130925

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

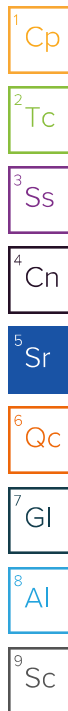
9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	09/13/2023 11:49	WG2130925

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	09/06/2023 17:41	WG2127260
Benzene	9.43		0.0941	1.00	1	09/06/2023 17:41	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 17:41	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 17:41	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 17:41	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 17:41	WG2127260
Carbon disulfide	0.519	U	0.0962	1.00	1	09/06/2023 17:41	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 17:41	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 17:41	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 17:41	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 17:41	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 17:41	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 17:41	WG2127260
Cyclohexane	0.203	C3 J	0.188	1.00	1	09/06/2023 17:41	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 17:41	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 17:41	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 17:41	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 17:41	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 17:41	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 17:41	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 17:41	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 17:41	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 17:41	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 17:41	WG2127260
trans-1,2-Dichloroethene	0.310	U	0.149	1.00	1	09/06/2023 17:41	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 17:41	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 17:41	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 17:41	WG2127260
Ethylbenzene	4.03		0.137	1.00	1	09/06/2023 17:41	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 17:41	WG2127260
Isopropylbenzene	0.705	U	0.105	1.00	1	09/06/2023 17:41	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 17:41	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 17:41	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 17:41	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 17:41	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 17:41	WG2127260
Methyl tert-butyl ether	46.2		0.101	1.00	1	09/06/2023 17:41	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 17:41	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 17:41	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 17:41	WG2127260
Toluene	0.616	U	0.278	1.00	1	09/06/2023 17:41	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 17:41	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 17:41	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 17:41	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 17:41	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 17:41	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 17:41	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 17:41	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 17:41	WG2127260
Xylenes, Total	6.09		0.174	3.00	1	09/06/2023 17:41	WG2127260
(S) Toluene-d8	109			80.0-120		09/06/2023 17:41	WG2127260



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	95.7			77.0-126		09/06/2023 17:41	WG2127260
(S) 1,2-Dichloroethane-d4	103			70.0-130		09/06/2023 17:41	WG2127260

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		18.0	100	1	09/07/2023 20:39	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	34200		20000	1	09/10/2023 11:40	WG2129550	
Free Carbon Dioxide	ND	T8	20000	1	09/10/2023 11:40	WG2129550	

Sample Narrative:

L1652408-11 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	5320	T8	150	500	10	09/03/2023 11:34	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:29	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	5340		625	1250	25	09/03/2023 13:48	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	14000		379	1000	1	09/06/2023 15:51	WG2127361
Sulfate	2680	J	594	5000	1	09/06/2023 15:51	WG2127361

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13600		102	1000	1	09/15/2023 03:59	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	1750		18.0	100	1	09/07/2023 20:39	WG2126512
Manganese	52.4		0.934	10.0	1	09/07/2023 20:39	WG2126512
Sodium	63800		504	3000	1	09/07/2023 20:39	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	161		2.91	10.0	1	09/13/2023 11:59	WG2130925
Ethane	U		4.07	13.0	1	09/13/2023 11:59	WG2130925
Ethene	U		4.26	13.0	1	09/13/2023 11:59	WG2130925

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 18:03	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 18:03	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 18:03	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 18:03	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 18:03	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 18:03	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 18:03	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 18:03	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 18:03	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 18:03	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 18:03	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 18:03	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 18:03	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 18:03	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 18:03	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 18:03	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 18:03	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 18:03	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 18:03	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 18:03	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 18:03	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 18:03	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 18:03	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 18:03	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 18:03	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 18:03	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 18:03	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 18:03	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 18:03	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 18:03	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 18:03	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 18:03	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 18:03	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 18:03	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 18:03	WG2127260
4-Methyl-2-pentanone (MIBK)	0.936	U-1	0.478	10.0	1	09/06/2023 18:03	WG2127260
Methyl tert-butyl ether	0.525	U-1	0.101	1.00	1	09/06/2023 18:03	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 18:03	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 18:03	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 18:03	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 18:03	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 18:03	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 18:03	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 18:03	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 18:03	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 18:03	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 18:03	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 18:03	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 18:03	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 18:03	WG2127260
(S) Toluene-d8	114			80.0-120		09/06/2023 18:03	WG2127260
(S) 4-Bromofluorobenzene	97.1			77.0-126		09/06/2023 18:03	WG2127260
(S) 1,2-Dichloroethane-d4	108			70.0-130		09/06/2023 18:03	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	631		15.0	50.0	1	09/07/2023 20:42	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	375000		20000	1	09/10/2023 11:44		WG2129550
Free Carbon Dioxide	22800	B T8	20000	1	09/10/2023 11:44		WG2129550

Sample Narrative:

L1652408-12 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	377	T8	15.0	50.0	1	09/03/2023 11:34	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		500	1000	10	09/02/2023 23:30	WG2125891

Sample Narrative:

L1652408-12 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	4200		625	1250	25	09/03/2023 13:48	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	1600000		7580	20000	20	09/07/2023 13:31	WG2127948
Sulfate	52800		2970	25000	5	09/07/2023 13:18	WG2127948

Wet Chemistry by Method 9060A

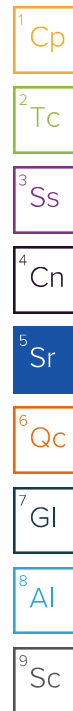
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	39200		102	1000	1	09/15/2023 04:30	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	1010		18.0	100	1	09/07/2023 20:42	WG2126512
Manganese	16.6		0.934	10.0	1	09/07/2023 20:42	WG2126512
Sodium	956000		504	3000	1	09/07/2023 20:42	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	2060		2.91	10.0	1	09/13/2023 12:08	WG2130925
Ethane	141		4.07	13.0	1	09/13/2023 12:08	WG2130925



Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	09/13/2023 12:08	WG2130925

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	09/06/2023 18:24	WG2127260
Benzene	3.38		0.0941	1.00	1	09/06/2023 18:24	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 18:24	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 18:24	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 18:24	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 18:24	WG2127260
Carbon disulfide	0.471	U	0.0962	1.00	1	09/06/2023 18:24	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 18:24	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 18:24	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 18:24	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 18:24	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 18:24	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 18:24	WG2127260
Cyclohexane	0.311	C3 J	0.188	1.00	1	09/06/2023 18:24	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 18:24	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 18:24	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 18:24	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 18:24	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 18:24	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 18:24	WG2127260
1,1-Dichloroethane	0.314	U	0.100	1.00	1	09/06/2023 18:24	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 18:24	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 18:24	WG2127260
cis-1,2-Dichloroethene	0.170	C3 J	0.126	1.00	1	09/06/2023 18:24	WG2127260
trans-1,2-Dichloroethene	3.51		0.149	1.00	1	09/06/2023 18:24	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 18:24	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 18:24	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 18:24	WG2127260
Ethylbenzene	3.03		0.137	1.00	1	09/06/2023 18:24	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 18:24	WG2127260
Isopropylbenzene	0.418	U	0.105	1.00	1	09/06/2023 18:24	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 18:24	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 18:24	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 18:24	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 18:24	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 18:24	WG2127260
Methyl tert-butyl ether	99.4		0.101	1.00	1	09/06/2023 18:24	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 18:24	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 18:24	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 18:24	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 18:24	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 18:24	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 18:24	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 18:24	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 18:24	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 18:24	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 18:24	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 18:24	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 18:24	WG2127260
Xylenes, Total	0.340	J	0.174	3.00	1	09/06/2023 18:24	WG2127260
(S) Toluene-d8	110			80.0-120		09/06/2023 18:24	WG2127260



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	99.0			77.0-126		09/06/2023 18:24	WG2127260
(S) 1,2-Dichloroethane-d4	106			70.0-130		09/06/2023 18:24	WG2127260

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferric Iron	U		18.0	100	1	09/07/2023 20:44	WG2126512

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	368000		20000	1	09/10/2023 11:49		WG2129550
Free Carbon Dioxide	91500	B T8	20000	1	09/10/2023 11:49		WG2129550

Sample Narrative:

L1652408-13 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ferrous Iron	4040	T8	30.0	100	2	09/03/2023 11:38	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		250	500	5	09/02/2023 23:32	WG2125891

Sample Narrative:

L1652408-13 WG2125891: Dilution due to matrix interference.

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:47	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	204000		1900	5000	5	09/07/2023 13:44	WG2127948
Sulfate	91600		2970	25000	5	09/07/2023 13:44	WG2127948

Wet Chemistry by Method 9060A

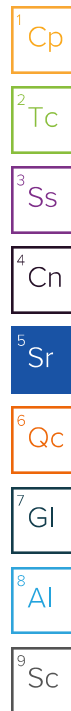
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	46800		102	1000	1	09/15/2023 05:03	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	2200		18.0	100	1	09/07/2023 20:44	WG2126512
Manganese	47.6		0.934	10.0	1	09/07/2023 20:44	WG2126512
Sodium	280000		504	3000	1	09/07/2023 20:44	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	12400		29.1	100	10	09/14/2023 11:17	WG2131703
Ethane	11.5	J	4.07	13.0	1	09/13/2023 13:15	WG2130925

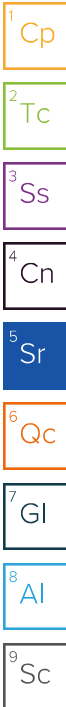


Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethene	U		4.26	13.0	1	09/13/2023 13:15	WG2130925

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	18.7	J	11.3	50.0	1	09/06/2023 18:46	WG2127260
Benzene	41.1		0.0941	1.00	1	09/06/2023 18:46	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 18:46	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 18:46	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 18:46	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 18:46	WG2127260
Carbon disulfide	1.14		0.0962	1.00	1	09/06/2023 18:46	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 18:46	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 18:46	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 18:46	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 18:46	WG2127260
Chloroform	U		0.111	5.00	1	09/06/2023 18:46	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 18:46	WG2127260
Cyclohexane	2.58	C3	0.188	1.00	1	09/06/2023 18:46	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 18:46	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 18:46	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 18:46	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 18:46	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 18:46	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 18:46	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 18:46	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 18:46	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 18:46	WG2127260
cis-1,2-Dichloroethene	0.198	C3 J	0.126	1.00	1	09/06/2023 18:46	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 18:46	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 18:46	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 18:46	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 18:46	WG2127260
Ethylbenzene	0.984	J	0.137	1.00	1	09/06/2023 18:46	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 18:46	WG2127260
Isopropylbenzene	3.55		0.105	1.00	1	09/06/2023 18:46	WG2127260
2-Butanone (MEK)	4.83	J	1.19	10.0	1	09/06/2023 18:46	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 18:46	WG2127260
Methyl Cyclohexane	2.68		0.660	1.00	1	09/06/2023 18:46	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 18:46	WG2127260
4-Methyl-2-pentanone (MIBK)	1.26	J	0.478	10.0	1	09/06/2023 18:46	WG2127260
Methyl tert-butyl ether	34.0		0.101	1.00	1	09/06/2023 18:46	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 18:46	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 18:46	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 18:46	WG2127260
Toluene	2.96		0.278	1.00	1	09/06/2023 18:46	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 18:46	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 18:46	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 18:46	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 18:46	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 18:46	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 18:46	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 18:46	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 18:46	WG2127260
Xylenes, Total	5.60		0.174	3.00	1	09/06/2023 18:46	WG2127260
(S) Toluene-d8	105			80.0-120		09/06/2023 18:46	WG2127260



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	97.4			77.0-126		09/06/2023 18:46	WG2127260
(S) 1,2-Dichloroethane-d4	107			70.0-130		09/06/2023 18:46	WG2127260

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Calculated Results

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferric Iron	U		15.0	50.0	1	09/07/2023 20:47	WG2126512

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	U		20000	1	09/10/2023 11:53	WG2129550	
Free Carbon Dioxide	22800	B T8	20000	1	09/10/2023 11:53	WG2129550	

Sample Narrative:

L1652408-14 WG2129550: Endpoint pH 4.5 headspace

Wet Chemistry by Method 3500Fe B-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ferrous Iron	U	T8	15.0	50.0	1	09/03/2023 11:39	WG2126052

Wet Chemistry by Method 353.2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		50.0	100	1	09/02/2023 23:33	WG2125891

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfide	U		25.0	50.0	1	09/03/2023 13:49	WG2126102

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		379	1000	1	09/07/2023 14:22	WG2127948
Sulfate	U		594	5000	1	09/07/2023 14:22	WG2127948

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	467	J	102	1000	1	09/15/2023 05:20	WG2132169

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	U		18.0	100	1	09/07/2023 20:47	WG2126512
Manganese	U		0.934	10.0	1	09/07/2023 20:47	WG2126512
Sodium	813	J	504	3000	1	09/07/2023 20:47	WG2126512

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		2.91	10.0	1	09/13/2023 13:17	WG2130925
Ethane	U		4.07	13.0	1	09/13/2023 13:17	WG2130925
Ethene	U		4.26	13.0	1	09/13/2023 13:17	WG2130925

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 12:14	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 12:14	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 12:14	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 12:14	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 12:14	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 12:14	WG2127260
Carbon disulfide	U		0.0962	1.00	1	09/06/2023 12:14	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 12:14	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 12:14	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 12:14	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 12:14	WG2127260
Chloroform	1.11	U	0.111	5.00	1	09/06/2023 12:14	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 12:14	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 12:14	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 12:14	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 12:14	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 12:14	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 12:14	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 12:14	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 12:14	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 12:14	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 12:14	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 12:14	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 12:14	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 12:14	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 12:14	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 12:14	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 12:14	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 12:14	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 12:14	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 12:14	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 12:14	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 12:14	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 12:14	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 12:14	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 12:14	WG2127260
Methyl tert-butyl ether	U		0.101	1.00	1	09/06/2023 12:14	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 12:14	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 12:14	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 12:14	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 12:14	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 12:14	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 12:14	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 12:14	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 12:14	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 12:14	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 12:14	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 12:14	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 12:14	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 12:14	WG2127260
(S) Toluene-d8	110			80.0-120		09/06/2023 12:14	WG2127260
(S) 4-Bromofluorobenzene	90.3			77.0-126		09/06/2023 12:14	WG2127260
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/06/2023 12:14	WG2127260

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

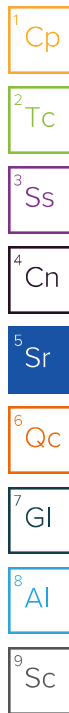
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	09/06/2023 11:53	WG2127260
Benzene	U		0.0941	1.00	1	09/06/2023 11:53	WG2127260
Bromochloromethane	U		0.128	1.00	1	09/06/2023 11:53	WG2127260
Bromodichloromethane	U		0.136	1.00	1	09/06/2023 11:53	WG2127260
Bromoform	U	C3	0.129	1.00	1	09/06/2023 11:53	WG2127260
Bromomethane	U		0.605	5.00	1	09/06/2023 11:53	WG2127260
Carbon disulfide	0.100	J	0.0962	1.00	1	09/06/2023 11:53	WG2127260
Carbon tetrachloride	U		0.128	1.00	1	09/06/2023 11:53	WG2127260
Chlorobenzene	U		0.116	1.00	1	09/06/2023 11:53	WG2127260
Chlorodibromomethane	U		0.140	1.00	1	09/06/2023 11:53	WG2127260
Chloroethane	U		0.192	5.00	1	09/06/2023 11:53	WG2127260
Chloroform	0.992	J	0.111	5.00	1	09/06/2023 11:53	WG2127260
Chloromethane	U		0.960	2.50	1	09/06/2023 11:53	WG2127260
Cyclohexane	U	C3	0.188	1.00	1	09/06/2023 11:53	WG2127260
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	09/06/2023 11:53	WG2127260
1,2-Dibromoethane	U		0.126	1.00	1	09/06/2023 11:53	WG2127260
1,2-Dichlorobenzene	U		0.107	1.00	1	09/06/2023 11:53	WG2127260
1,3-Dichlorobenzene	U		0.110	1.00	1	09/06/2023 11:53	WG2127260
1,4-Dichlorobenzene	U		0.120	1.00	1	09/06/2023 11:53	WG2127260
Dichlorodifluoromethane	U		0.374	5.00	1	09/06/2023 11:53	WG2127260
1,1-Dichloroethane	U		0.100	1.00	1	09/06/2023 11:53	WG2127260
1,2-Dichloroethane	U		0.0819	1.00	1	09/06/2023 11:53	WG2127260
1,1-Dichloroethene	U		0.188	1.00	1	09/06/2023 11:53	WG2127260
cis-1,2-Dichloroethene	U	C3	0.126	1.00	1	09/06/2023 11:53	WG2127260
trans-1,2-Dichloroethene	U		0.149	1.00	1	09/06/2023 11:53	WG2127260
1,2-Dichloropropane	U		0.149	1.00	1	09/06/2023 11:53	WG2127260
cis-1,3-Dichloropropene	U		0.111	1.00	1	09/06/2023 11:53	WG2127260
trans-1,3-Dichloropropene	U		0.118	1.00	1	09/06/2023 11:53	WG2127260
Ethylbenzene	U		0.137	1.00	1	09/06/2023 11:53	WG2127260
2-Hexanone	U		0.787	10.0	1	09/06/2023 11:53	WG2127260
Isopropylbenzene	U		0.105	1.00	1	09/06/2023 11:53	WG2127260
2-Butanone (MEK)	U		1.19	10.0	1	09/06/2023 11:53	WG2127260
Methyl Acetate	U		1.29	20.0	1	09/06/2023 11:53	WG2127260
Methyl Cyclohexane	U		0.660	1.00	1	09/06/2023 11:53	WG2127260
Methylene Chloride	U		0.430	5.00	1	09/06/2023 11:53	WG2127260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	09/06/2023 11:53	WG2127260
Methyl tert-butyl ether	U		0.101	1.00	1	09/06/2023 11:53	WG2127260
Styrene	U		0.118	1.00	1	09/06/2023 11:53	WG2127260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	09/06/2023 11:53	WG2127260
Tetrachloroethene	U		0.300	1.00	1	09/06/2023 11:53	WG2127260
Toluene	U		0.278	1.00	1	09/06/2023 11:53	WG2127260
1,2,3-Trichlorobenzene	U		0.230	1.00	1	09/06/2023 11:53	WG2127260
1,2,4-Trichlorobenzene	U		0.481	1.00	1	09/06/2023 11:53	WG2127260
1,1,1-Trichloroethane	U		0.149	1.00	1	09/06/2023 11:53	WG2127260
1,1,2-Trichloroethane	U		0.158	1.00	1	09/06/2023 11:53	WG2127260
Trichloroethene	U		0.190	1.00	1	09/06/2023 11:53	WG2127260
Trichlorofluoromethane	U	C3	0.160	5.00	1	09/06/2023 11:53	WG2127260
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	09/06/2023 11:53	WG2127260
Vinyl chloride	U	C3	0.234	1.00	1	09/06/2023 11:53	WG2127260
Xylenes, Total	U		0.174	3.00	1	09/06/2023 11:53	WG2127260
(S) Toluene-d8	111			80.0-120		09/06/2023 11:53	WG2127260
(S) 4-Bromofluorobenzene	96.6			77.0-126		09/06/2023 11:53	WG2127260
(S) 1,2-Dichloroethane-d4	116			70.0-130		09/06/2023 11:53	WG2127260



Method Blank (MB)

(MB) R3971564-2 09/11/23 09:18

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

Sample Narrative:

BLANK: Endpoint pH 4.5

Method Blank (MB)

(MB) R3971564-3 09/11/23 09:18

Analyte	MB Result ug/l	<u>MB Qualifier</u> ug/l	MB MDL ug/l	MB RDL ug/l
Free Carbon Dioxide	8550	J	6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1652408-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-01 09/11/23 10:24 • (DUP) R3971564-4 09/11/23 10:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u> %	DUP RPD Limits %
Alkalinity	326000	326000	1	0.128		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1652408-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-01 09/11/23 10:24 • (DUP) R3971564-5 09/11/23 10:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u> %	DUP RPD Limits %
Free Carbon Dioxide	11000	106000	1	4.02		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1652760-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1652760-01 09/11/23 11:42 • (DUP) R3971564-6 09/11/23 11:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Alkalinity	353000	347000	1	1.81		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1652760-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1652760-01 09/11/23 11:42 • (DUP) R3971564-7 09/11/23 11:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Free Carbon Dioxide	37900	37300	1	1.58		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3971564-1 09/11/23 09:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Alkalinity	100000	105000	105	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3971252-4 09/10/23 09:51

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) R3971252-5 09/10/23 09:51

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

Sample Narrative:

BLANK: Endpoint pH 4.5

L1652408-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-05 09/10/23 11:01 • (DUP) R3971252-6 09/10/23 11:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	768000	769000	1	0.109		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

L1652408-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-05 09/10/23 11:01 • (DUP) R3971252-7 09/10/23 11:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Free Carbon Dioxide	128000	124000	1	2.82		20

Sample Narrative:

OS: Endpoint pH 4.5 headspace

DUP: Endpoint pH 4.5

L1652810-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1652810-02 09/10/23 12:21 • (DUP) R3971252-9 09/10/23 12:25

Original Result		DUP Result	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l	%	%	%
Free Carbon Dioxide	U	U	1	0.000	20
Sample Narrative: OS: Endpoint pH 4.5 headspace DUP: Endpoint pH 4.5					

LCS		LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	Spike Amount ug/l	ug/l	%	%	
Alkalinity	100000	102000	102	90.0-110	
Sample Narrative: LCS: Endpoint pH 4.5					

Laboratory Control Sample (LCS)

(LCS) R3971252-1 09/10/23 09:26

Method Blank (MB)

(MB) R3968764-1 09/03/23 11:25				
MB Result		<u>MB Qualifier</u>		MB RDL
ug/l		ug/l		ug/l
Analyte				
Ferrous Iron	U	15.0		50.0

L1652408-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-04 09/03/23 11:28 • (DUP) R3968764-3 09/03/23 11:28				
Original Result		DUP Result	Dilution	DUP RPD
ug/l		ug/l	%	%
		<u>DUP Qualifier</u>		DUP RPD Limits
				%
Analyte				
Ferrous Iron	16900	16800	10	0.380
				20

L1652408-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-12 09/03/23 11:34 • (DUP) R3968764-6 09/03/23 11:35				
Original Result		DUP Result	Dilution	DUP RPD
ug/l		ug/l	%	%
		<u>DUP Qualifier</u>		DUP RPD Limits
				%
Analyte				
Ferrous Iron	377	363	1	3.78
				20

Laboratory Control Sample (LCS)

(LCS) R3968764-2 09/03/23 11:25				
Spike Amount		LCS Result	LCS Rec.	Rec. Limits
ug/l		ug/l	%	%
		<u>LCS Qualifier</u>		
Analyte				
Ferrous Iron	1000	959	95.9	85.0-115

L1652408-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652408-10 09/03/23 11:33 • (MS) R3968764-4 09/03/23 11:33 • (MSD) R3968764-5 09/03/23 11:34				
Spike Amount		Original Result	MS Result	Dilution
ug/l		ug/l	ug/l	%
		MSD Result	MS Rec.	MSD Rec.
		ug/l	%	%
		<u>MS Qualifier</u>		RPD
				%
Analyte				
Ferrous Iron	1000	1990	3200	3170
			121	118
			80.0-120	0.942
		<u>E J5</u>	<u>E</u>	20

Sample Narrative:

MS: Spikes read above the curve.

MSD: Spikes read above the curve.

Method Blank (MB)

(MB) R3968771-1 09/03/23 13:39

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

L1652290-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1652290-11 09/03/23 13:44 • (DUP) R3968771-5 09/03/23 13:44

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

L1652408-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-03 09/03/23 13:47 • (DUP) R3968771-6 09/03/23 13:48

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) R3968771-2 09/03/23 13:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	500	469	93.8	85.0-115	

L1652144-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652144-06 09/03/23 13:40 • (MS) R3968771-3 09/03/23 13:40 • (MSD) R3968771-4 09/03/23 13:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	500	U	339	354	1	80.0-120	J6	J6	4.33	20

Sample Narrative:

MS: Spike failure due to matrix

MSD: Spike failure due to matrix

Method Blank (MB)

(MB) R3968776-1 09/03/23 13:33

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

L1652408-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-02 09/03/23 13:44 • (DUP) R3968776-5 09/03/23 13:46

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

L1652408-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-14 09/03/23 13:49 • (DUP) R3968776-6 09/03/23 13:49

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

Laboratory Control Sample (LCS)

(LCS) R3968776-2 09/03/23 13:33

Analyte	Spike Amount		LCS Result		LCS Rec.		Rec. Limits		LCS Qualifier	
	ug/l		ug/l		%		%			
Sulfide	500	504	504	101		85.0-115				

L1651968-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1651968-08 09/03/23 13:33 • (MS) R3968776-3 09/03/23 13:34 • (MSD) R3968776-4 09/03/23 13:34

Analyte	Spike Amount		Original Result		MS Result		MSD Result		MS Rec.		MSD Rec.		Dilution		Rec. Limits		MS Qualifier		RPD		RPD Limits	
	ug/l		ug/l		ug/l		ug/l		%		%				%				%		%	
Sulfide	500	U	U	500	481		481		100		96.2		1		80.0-120				3.87		20	

Method Blank (MB)

(MB) R3970205-1 09/06/23 09:06

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

L1652408-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-11 09/06/23 15:51 • (DUP) R3970205-3 09/06/23 16:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	14000	14200	1	1.33		15
Sulfate	2680	2750	1	2.37	↓	15

L1652458-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1652458-07 09/06/23 23:47 • (DUP) R3970205-6 09/07/23 00:00

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	52100	53700	1	3.09		15
Sulfate	9880	11400	1	14.1		15

Laboratory Control Sample (LCS)

(LCS) R3970205-2 09/06/23 09:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	39100	97.7	80.0-120	
Sulfate	40000	38200	95.5	80.0-120	

L1652408-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652408-11 09/06/23 15:51 • (MS) R3970205-4 09/06/23 16:18 • (MSD) R3970205-5 09/06/23 16:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	Dilution	Rec. Limits %	MS Qualifier	RPD %	RPD Limits %
Chloride	40000	14000	51600	51700	1	80.0-120	94.2	0.0832	15
Sulfate	40000	2680	41800	41800	1	80.0-120	97.7	0.0194	15

L1652458-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1652458-07 09/06/23 23:47 • (MS) R3970205-7 09/07/23 00:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chloride	40000	52100	81300	73.2	1	80.0-120	<u>J6</u>
Sulfate	40000	9880	46700	92.1	1	80.0-120	

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

(MB) R3971248-1 09/07/23 11:42				
Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		379	1000
Sulfate	U		594	5000

L1652528-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1652528-21 09/07/23 12:27 • (DUP) R3971248-3 09/07/23 12:40						
Analyte	Original Result		DUP Result		DUP Qualifier	DUP RPD Limits
	ug/l		ug/l	%		%
Chloride	51800		50500	1	2.59	15
Sulfate	4070		3920	1	3.81	15

L1653154-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1653154-06 09/07/23 20:31 • (DUP) R3971248-6 09/07/23 20:44						
Analyte	Original Result		DUP Result		DUP Qualifier	DUP RPD Limits
	ug/l		ug/l	%		%
Chloride	7840		7900	1	0.682	15
Sulfate	1340		1360	1	1.03	15

Laboratory Control Sample (LCS)

(LCS) R3971248-2 09/07/23 11:55				
Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %
Chloride	40000	39600	99.1	80.0-120
Sulfate	40000	39600	99.1	80.0-120

L1652528-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652528-21 09/07/23 12:27 • (MS) R3971248-4 09/07/23 12:53 • (MSD) R3971248-5 09/07/23 13:05									
Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD Limits
									%
Chloride	40000	51800	80600	79900	1	80.0-120	J6	J6	15
Sulfate	40000	4070	42200	41900	1	80.0-120			15

L1653154-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1653154-06 09/07/23 20:31 • (MS) R3971248-7 09/07/23 20:57

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	7840	47100	98.1	1	80.0-120	
Sulfate	40000	1340	41100	99.4	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3973539-2 09/14/23 18:20

Analyte	MB Result ug/l	<u>MB Qualifier</u> ug/l	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U	102	1000	

L1652408-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-07 09/15/23 00:16 • (DUP) R3973539-3 09/15/23 00:39

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u> %	DUP RPD Limits %
TOC (Total Organic Carbon)	8080	8220	1	1.63		20

L1653171-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1653171-06 09/15/23 06:55 • (DUP) R3973539-6 09/15/23 07:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	<u>DUP Qualifier</u> %	DUP RPD Limits %
TOC (Total Organic Carbon)	624	579	1	7.49	↓	20

Laboratory Control Sample (LCS)

(LCS) R3973539-1 09/14/23 18:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u> %
TOC (Total Organic Carbon)	25000	24200	96.9	85.0-115	

L1652408-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652408-09 09/15/23 02:07 • (MS) R3973539-4 09/15/23 02:35 • (MSD) R3973539-5 09/15/23 03:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> %	<u>MSD Qualifier</u> %	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	13600	37800	37700	96.9	96.4	1	80.0-120		0.318		20

L1653171-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1653171-07 09/15/23 07:32 • (MS) R3973539-7 09/15/23 07:54 • (MSD) R3973539-8 09/15/23 08:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> %	<u>MSD Qualifier</u> %	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	383	25200	26200	99.4	103	1	80.0-120		3.81		20

Method Blank (MB)

(MB) R3973167-2 09/14/23 11:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	110	J	102	1000

L1652375-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1652375-03 09/14/23 11:52 • (DUP) R3973167-3 09/14/23 12:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	5570	5070	1	9.39		20

Laboratory Control Sample (LCS)

(LCS) R3973167-1 09/14/23 10:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25200	101	85.0-115	

L1652408-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652408-04 09/14/23 12:39 • (MS) R3973167-4 09/14/23 13:09 • (MSD) R3973167-5 09/14/23 13:38

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	30500	57100	57200	107	107	1	80.0-120	E	E	0.192	20

Method Blank (MB)

(MB) R3970535-1 09/07/23 19:51

Analyte	MB Result ug/l	<u>MB Qualifier</u> ug/l	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) R3970535-2 09/07/23 19:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Iron	10000	9970	99.7	80.0-120	
Manganese	1000	973	97.3	80.0-120	
Sodium	10000	9640	96.4	80.0-120	

L1652408-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652408-01 09/07/23 19:57 • (MS) R3970535-4 09/07/23 20:02 • (MSD) R3970535-5 09/07/23 20:05

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Iron	10000	3550	13000	13000	94.4	94.2	1	75.0-125		0.190	20	20
Manganese	1000	928	1890	1870	96.2	93.7	1	75.0-125		1.29	20	20
Sodium	10000	2850000	2790000	2790000	0.000	0.000	1	75.0-125	<u>E V</u>	<u>E V</u>	0.00836	20

Method Blank (MB)

(MB) R3972102-2 09/12/23 13:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	3.16	J	2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1652408-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1652408-04 09/12/23 14:39 • (DUP) R3972102-3 09/12/23 14:42

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	7.80	6.36	1	20.3	J P1	20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1652926-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1652926-04 09/12/23 15:13 • (DUP) R3972102-4 09/12/23 15:30

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	190	189	1	0.528		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) R3972102-1 09/12/23 13:39 • (LCSD) R3972102-5 09/12/23 15:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	67.8	70.6	100	104	85.0-115			4.05	20
Ethane	129	118	117	91.5	90.7	85.0-115			0.851	20
Ethene	127	118	117	92.9	92.1	85.0-115			0.851	20

Method Blank (MB)

(MB) R3972611-2 09/13/23 11:44

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

L1652756-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1652756-01 09/13/23 13:41 • (DUP) R3972611-3 09/13/23 13:46

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	7.69	7.45	1	3.17	↓	20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1653780-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1653780-03 09/13/23 14:20 • (DUP) R3972611-4 09/13/23 14:26

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

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

(LCS) R3972611-1 09/13/23 11:39 • (LCSD) R3972611-7 09/13/23 14:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	66.2	66.5	97.6	98.1	85.0-115			0.452	20
Ethane	129	119	114	92.2	88.4	85.0-115			4.29	20
Ethene	127	118	115	92.9	90.6	85.0-115			2.58	20

L1652712-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1652712-01 09/13/23 13:20 • (MS) R3972611-5 09/13/23 14:29 • (MSD) R3972611-6 09/13/23 14:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	1460	1710	1800	369	501	1	50.0-150	V	V	5.13	20
Ethane	129	U	119	128	92.2	99.2	1	50.0-150			7.29	20
Ethene	127	U	118	127	92.9	100	1	50.0-150			7.35	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3973169-2 09/14/23 11:13

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

L1653705-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1653705-02 09/14/23 11:29 • (DUP) R3973169-3 09/14/23 12:20

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

L1653780-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1653780-05 09/14/23 12:23 • (DUP) R3973169-4 09/14/23 14:04

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

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

(LCS) R3973169-1 09/14/23 11:09 • (LCSD) R3973169-9 09/14/23 14:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCSD Qualifier</u> %	RPD %	<u>RPD Limits</u> %
Methane	67.8	72.2	64.9	106	85.0-115	95.7	10.6	20

L1653205-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1653205-01 09/14/23 11:23 • (MS) R3973169-5 09/14/23 14:09 • (MSD) R3973169-6 09/14/23 14:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> %	<u>MSD Qualifier</u> %	RPD %	<u>RPD Limits</u> %
Methane	678	13900	15200	14800	192	133	10	50.0-150	<u>Y</u>	2.67		20

L1653705-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1653705-01 09/14/23 11:26 • (MS) R3973169-7 09/14/23 14:18 • (MSD) R3973169-8 09/14/23 14:24

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> %	<u>MSD Qualifier</u> %	RPD %	<u>RPD Limits</u> %
Methane	67.8	305	357	394	76.7	131	1	50.0-150		9.85		20

Method Blank (MB)

(MB) R3972224-2 09/06/23 10:29

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) R3972224-2 09/06/23 10:29

Analyte	MB Result ug/l	<u>MB Qualifier</u>	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	110			80.0-120
(S) 4-Bromofluorobenzene	90.9			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3972224-1 09/06/23 09:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acetone	25.0	30.1	120	19.0-160	
Benzene	5.00	4.39	87.8	70.0-123	
Bromochloromethane	5.00	4.22	84.4	76.0-122	
Bromodichloromethane	5.00	4.55	91.0	75.0-120	
Bromoform	5.00	3.91	78.2	68.0-132	
Bromomethane	5.00	4.68	93.6	10.0-160	
Carbon disulfide	5.00	4.04	80.8	61.0-128	
Carbon tetrachloride	5.00	4.14	82.8	68.0-126	
Chlorobenzene	5.00	5.05	101	80.0-121	
Chlorodibromomethane	5.00	4.56	91.2	77.0-125	
Chloroethane	5.00	6.45	129	47.0-150	
Chloroform	5.00	4.13	82.6	73.0-120	
Chloromethane	5.00	4.08	81.6	41.0-142	
Cyclohexane	5.00	3.95	79.0	71.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.39	87.8	58.0-134	
1,2-Dibromoethane	5.00	4.91	98.2	80.0-122	
1,2-Dichlorobenzene	5.00	4.51	90.2	79.0-121	
1,3-Dichlorobenzene	5.00	4.55	91.0	79.0-120	
1,4-Dichlorobenzene	5.00	4.74	94.8	79.0-120	
Dichlorodifluoromethane	5.00	4.43	88.6	51.0-149	

Laboratory Control Sample (LCS)

(LCS) R3972224-1 09/06/23 09:46

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

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1-Dichloroethane	5.00	4.58	91.6	70.0-126	
1,2-Dichloroethane	5.00	4.96	99.2	70.0-128	
1,1-Dichloroethene	5.00	4.12	82.4	71.0-124	
cis-1,2-Dichloroethene	5.00	3.79	75.8	73.0-120	
trans-1,2-Dichloroethene	5.00	4.12	82.4	73.0-120	
1,2-Dichloropropane	5.00	4.65	93.0	77.0-125	
cis-1,3-Dichloropropene	5.00	4.49	89.8	80.0-123	
trans-1,3-Dichloropropene	5.00	4.57	91.4	78.0-124	
Ethylbenzene	5.00	4.39	87.8	79.0-123	
2-Hexanone	25.0	25.7	103	67.0-149	
Isopropylbenzene	5.00	4.01	80.2	76.0-127	
2-Butanone (MEK)	25.0	26.3	105	44.0-160	
Methyl Acetate	25.0	27.3	109	57.0-148	
Methyl Cyclohexane	5.00	4.23	84.6	68.0-126	
Methylene Chloride	5.00	4.07	81.4	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	23.7	94.8	68.0-142	
Methyl tert-butyl ether	5.00	4.20	84.0	68.0-125	
Styrene	5.00	4.00	80.0	73.0-130	
1,1,2,2-Tetrachloroethane	5.00	4.42	88.4	65.0-130	
Tetrachloroethene	5.00	4.21	84.2	72.0-132	
Toluene	5.00	4.51	90.2	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.95	99.0	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.97	99.4	57.0-137	
1,1,1-Trichloroethane	5.00	4.12	82.4	73.0-124	
1,1,2-Trichloroethane	5.00	4.61	92.2	80.0-120	
Trichloroethene	5.00	4.73	94.6	78.0-124	
Trichlorofluoromethane	5.00	3.01	60.2	59.0-147	
1,1,2-Trichlorotrifluoroethane	5.00	4.75	95.0	69.0-132	
Vinyl chloride	5.00	3.55	71.0	67.0-131	
Xylenes, Total	15.0	12.3	82.0	79.0-123	
(S) Toluene-d8			106	80.0-120	
(S) 4-Bromofluorobenzene			91.8	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

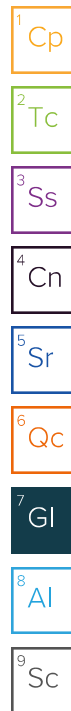
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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

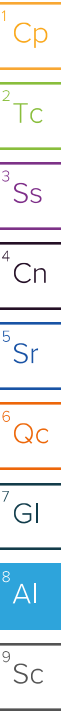
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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		Chain of Custody Page 2 of 3		
Report to: Max Mansilla		Email To: maxwell.mansilla@arcadis.com; alex.newbrough		Analysis / Container / Preservative		
Project Description: POD 4 - Oceanside 6518040		City/State Collected: Oceanside, NY		Pres Chk		
Phone: (408) 380-7457		Client Project # 30062947.19.45		Lab Project # CHEVARCNY-6518040		
Collected by (print): Shekhar Gahlot		Site/Facility ID # 6518040		P.O. #		
Collected by (signature): <i>Shekhar Gahlot</i>		Rush? (Lab MUST Be Notified) Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☐		Quote #		
Immediately Packed on Ice ☒ Y ☐ N		Date Results Needed Standard TAT		No. of Cntrs		
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time
MW-23-D2R-W-230831	G	GW	-	8/31/23	2250	11
AMW-15-D2-W-		GW				11
AMW-15-D3-W-		GW				11
MW-23-D1R-W-230831	G	GW	-	8/31/23	2255	11
AMW-15-D1-W-		GW				11
MW-27-D1R-W-230831	G	GW	-	8/31/23	2210	11
MW-26-D1-W-230901	G	GW	-	9/1/23	0005	11
MW-29-D1-W-230901	G	GW	-	9/1/23	0135	11
AMW-14-D1-W-230901	G	GW	-	9/1/23	0045	11
MW-24-D1R-W-		GW				11
Remarks: * Matrix: S5 - Soil AIR - Air F - Filter GW - Groundwater B - Blossay WW - Waste Water DW - Drinking Water OT - Other		Samples returned via: UPS FedEx Courier		Tracking #		
Relinquished by: (Signature) <i>Shekhar Gahlot</i>		Date: 9/1/23	Time: 1430	Received by: (Signature)		
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>maxwell</i>		
pH		Temp	Flow	Other	Temp	
Sample Receipt Checklist COC Seal Present/Intact: ☒ 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		Trip Blank Received: ☒ Yes ☐ No HCL MeOH TBR		Temp: °C Bottles Received: 154		
If preservation required by LogIn: Date/Time		Hold:		Condition: NCF / OK		

L1652408

Tracking Numbers	GBA8 Temperature
7019 5681 6059	$1.9+0=1.9$
7019 5681 6015	$2.7+0=2.7$
7019 5681 6026	$4.0+0=4.0$
7019 5681 6043	$1.5+0=1.5$