ExxonMobil
Environmental and Property Solutions Company
8941 Atlanta Avenue, #384
Huntington Beach, CA 92646
(714) 964-4935
marla.d.madden@exxonmobil.com

Marla D. Madden
US West Project Execution
Advanced Project Manager

ExxonMobil

December 7, 2020

Mr. James Ryan
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: Well Installation and Semi-Annual Groundwater Monitoring Report
Pacific Shell Service Station / Former Mobil Service Station 18MRC
25808 Narbonne Avenue
Lomita, California
Case No. I-05152C

Dear Mr. Ryan:

Attached for your review is a copy of the Well Installation and Semi-Annual Groundwater Monitoring Report for the above-referenced site. This document was prepared by ETIC under the direction of ExxonMobil Environmental and Property Solutions Company on behalf of ExxonMobil Oil Corporation and Hanukah Inc. under a joint agreement to complete the site assessment activities.

We would like the opportunity to meet with you to discuss the results and next course of action for the site in early 2021.

If you have any questions or comments, please do not hesitate to contact Zachary Spahn of ETIC at (626) 460-9995 or the undersigned at (714) 964-4935.

Sincerely,

Marla D. Madden
Advanced Project Manager

Attachment: ETIC's Well Installation and Semi-Annual Groundwater Monitoring Report, dated December 7, 2020

cc: Mr. Vahid Vahdat, Hanukah Inc.
Mr. Zachary Spahn, ETIC

Well Installation and Semi-Annual Groundwater Monitoring Report

Pacific Shell Service Station / Former Mobil Service Station 18MRC
25808 Narbonne Avenue
Lomita, California

7 December 2020

Prepared for: ExxonMobil Oil Corporation and Hanukah, Inc.

Prepared by:

ETIC
CONSULT ENGINEER CONSTRUCT
250 W. Colorado Blvd., Suite 110
Arcadia, California 91007

Project No. 20-018MRC

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LIST OF ACRONYMS AND ABBREVIATIONS

bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CME	Central Mine Equipment
LACDPW	Los Angeles County Department of Public Works
LARWQCB	Los Angeles Regional Water Quality Control Board
LUST	Leaking underground storage tank
DIPE	Diisopropyl ether
DWR	Department of Water Resources
ETBE	Ethyl tertiary butyl ether
ExxonMobil	ExxonMobil Oil Corporation
MTBE	Methyl tertiary butyl ether
mg/kg	Milligrams per kilogram
µg/L	Micrograms per liter
PAHs	Polycyclic aromatic hydrocarbons
PID	Photo-ionization detector
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TPH-d	Total petroleum hydrocarbons quantified as diesel
TPH-g	Total petroleum hydrocarbons quantified as gasoline
TRPH	Total recoverable petroleum hydrocarbons
USCS	Unified Soil Classification System
UST	Underground storage tank
VOC	Volatile organic compound
USEPA	United States Environmental Protection Agency

ACKNOWLEDGEMENT AND SIGNATURE PAGE

This report was prepared by the staff of ETIC, under the supervision of the Professional Geologists whose seals and signatures appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

Prepared by:

Annie Chien
Staff Geologist

12-7-2020
Date

Zachary Spahn, PG
Project Manager

PROFESSIONAL GEOLOGIST
ZACHARY P. SPAHN
No. 9670
STATE OF CALIFORNIA

12-7-2020
Date

Ryan Haughy, PG
Principal

PROFESSIONAL GEOLOGIST
RYAN R. HAUGHY
No. 7851
STATE OF CALIFORNIA

12-7-2020
Date

1.0 INTRODUCTION

At the request of Hanukah, Inc. (Hanukah) and ExxonMobil Environmental and Property Solutions Company, on behalf of ExxonMobil Oil Corporation (ExxonMobil), ETIC has prepared this Well Installation and Semi-Annual Groundwater Monitoring Report for the Pacific Shell Service Station / Former Mobil Service Station 18MRC, located at 25808 Narbonne Avenue, Lomita, California ("Site," Figures 1 and 2).

The activities presented in this report were conducted in accordance with ETIC's Well Installation Work Plan, submitted on 13 August 2020, approved by the Los Angeles Regional Water Quality Control Board (LARWQCB) on 8 September 2020 (Appendix A).

Scope of Work

The following activities were conducted at the Site:

- On 15 October 2020, a geophysical survey was conducted around the proposed groundwater monitoring well locations MW-1, MW-2, and MW-3 to search for potential underground utilities.
- On 20 October 2020, borings MW-1, MW-2, and MW-3 were cleared to 8 feet below ground surface (bgs) using an air knife and vacuum rig, backfilled with native soil, and sealed with an asphalt patch.
- On 21 through 30 October 2020, MW-1, MW-2, and MW-3 were advanced using a CME-95 drill rig equipped with hollow-stem augers. Soil was sampled every 5 feet from 10 feet bgs until the maximum depth explored of 150 feet bgs. The borings were completed as groundwater monitoring wells.
- Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and TPH as diesel (TPH-d) by United States Environmental Protection Agency (USEPA) Method 8015B(M); and full scan volatile organic compounds (VOCs) by USEPA Method 8260B.
- On 4 November 2020, groundwater monitoring wells MW-1, MW-2, and MW-3 were developed.
- On 9 November 2020 groundwater samples were collected from MW-1, MW-2, and MW-3, and were analyzed for TPH-g and TPH-d by USEPA Method 8015B (M) and full scan VOCs by USEPA Method 8260B.
- Concurrent with submittal of this report, all required information has been uploaded to the GeoTracker database, per State of California AB2886 requirements.

2.0 SITE BACKGROUND

2.1 Site Location and Current Land Use

The Site is located on the southeast corner of the intersection of Pacific Coast Highway and Narbonne Avenue in Lomita, California, a city in the County of Los Angeles (Figures 1 and 2). The assessor's parcel number is 7553-006-043 and the parcel covers approximately 0.37 acres. The Site is currently occupied by a Shell branded filling station, carwash, and associated parking lot (Figure 3) and is owned by Hanukah, Inc.

2.2 Historical Land Use

Property ownership records obtained from a file review at the LARWQCB and from PropertyShark.com show that Mobil Oil Corporation divested the property in 1998 (Kleinfelder 1999) and sold it to Petroleum Management & Marketing, Inc. The following is a summary of the grant deeds obtained for the Site. Copies of the documents were included in the Technical Report and Work Plan (ETIC 2019).

Property Transfer Date	Grantor	Grantee
31 March 2006	M & Y Safar Brothers, Inc.	Hanukah, Inc.
21 May 1998	Mobil Oil Corporation	Petroleum Management & Marketing, Inc.

Below is a summary of historical land use based on a review of aerial photographs, LARWQCB and Los Angeles County Department of Public Works (LACDPW) files, and historical property ownership records.

Year (s)	Land Use	Source
1927 to 1933	Commercial building, likely warehouse.	(Frey 1997)
1938 to 1948	Site redeveloped with two adjoining buildings on the east side and paved parking in the west and north areas.	
1951 to 1958	Site redeveloped as paved parking for eastern adjoining building.	
1962 to 1998	Mobil Service Station 18MRC	Aerial photographs, LACDPW building permits
1998 to 2008	Service station	
2009 to Present	Reconfiguration as filling station, convenience store, and car wash	

An approved plan of the proposed Mobil service station in 1960 indicates that the station layout remained largely the same from 1960 until 2009, when a carwash was added on the southern portion of the Site and the station building was reduced in

footprint. The dispenser islands and underground storage tanks (USTs) remained in generally the same configuration following that redevelopment.

2.3 Surrounding Land Use

Surrounding areas are primarily commercial to the east and west along Pacific Coast Highway and residential to the north and south along Narbonne Avenue. Immediately adjoining land uses are primarily commercial. Adjoining properties consist of a restaurant to the east, a bank to the north across Pacific Coast Highway, a parking lot to the south (for the eastern adjoining restaurant), and a CVS Pharmacy to the west across Narbonne Avenue.

The adjoining CVS property was formerly developed as Rolling Hills Carwash, which included a service station and has an open Leaking Underground Storage Tank (LUST) cleanup case overseen by the LARWQCB (Case# I-01353A, GeoTracker ID T10000013272). Prior to development as Rolling Hills Carwash, the northeastern portion of that property was developed as a Unocal service station from approximately 1941 to 1978. The Tuneup Masters automotive repair shop also operated on that portion of the property, using one 550-gallon waste oil UST that was removed in January 1990.

The Lomita Sheriff's station located approximately 1,200 feet to the south and across Narbonne Avenue also has an open LUST case overseen by the LARWQCB (Case# R-05421, GeoTracker ID T10000013029).

2.4 Geology and Hydrogeology

The Site lies in the West Coast Basin on the southern flank of the Torrance Plain, north of the Palos Verdes Hills at an elevation of approximately 120 feet above mean sea level (Department of Water Resources [DWR], 1961). The Torrance Plain extends from the Ballona Gap southwest to the Dominguez Gap, parallel to the Newport-Inglewood uplifted hills and is a broad, featureless area with slight dissection by localized stream channels. The Site is underlain by the Upper Pleistocene marine and nonmarine alluvial terrace deposits of the Lakewood Formation. The Lakewood Formation is underlain by the Lower Pleistocene San Pedro formation, which is underlain by the Pliocene Pico Formation. The Pico Formation is underlain by the Miocene Monterey Shale and Puente Formation. Basement rock beneath this sedimentary sequence is the Catalina schist facies of the Franciscan Formation.

The groundwater bearing zones in the vicinity of the Site include the Gage Aquifer of the Lakewood formation and the Silverado Aquifer of the San Pedro Formation. In the area of the Site the Bellflower aquiclude is absent and aquifers present are in hydraulic continuity with the surface. The Gage Aquifer is known to outcrop at the surface in the Site vicinity. The Silverado Aquifer is merged with the Lynwood Aquifer in the vicinity of the Site and is estimated to be penetrated at a depth of approximately 225 feet bgs.

Based on previous soil borings advanced at the Site, soil beneath the Site consists of clays, sandy clays, sandy silts, and sands. From ground surface to approximately 8 to 15 feet bgs the lithology primarily consists of clays. Below this clay, the lithology consists primarily of a sandy clay with interbedded clays, sands, and silty sands to a depth of approximately 70 feet bgs. The sandy clay is underlain by a primarily sandy unit from approximately 70 feet bgs to the total depth explored, 150 feet bgs.

Groundwater was encountered during the current investigation at approximately 133 to 138 feet bgs. Regional groundwater flow direction in the vicinity is reportedly to the east (DWR 2014).

2.5 Previous Site Investigations

The former Mobil-branded service station had a historical LUST case (Case# I-05152, GeoTracker ID T0603703042) closed in 1999. The Shell-branded service station that currently occupies the Site had a LUST case that was closed in 2018 (Case# I-05152B, GeoTracker ID T10000008821).

Previous investigations have been conducted at the Site to assess the potential presence of petroleum hydrocarbons in soil. Previous soil boring and UST sample data are included in Appendix B and locations are depicted on Figure 3.

In 1988, one 280-gallon waste oil UST located west of the service station building was excavated and removed from the Site (Frey 1990). Total recoverable petroleum hydrocarbons (TRPH) were detected in a soil sample collected from the excavation beneath the UST at a concentration of 21 milligrams per kilogram (mg/kg). Twelve cubic yards of soil was removed from the UST excavation and transported offsite for disposal.

In 1989, trenching operations for installation of new product lines exposed a previously unknown 2,000-gallon steel gasoline UST containing approximately 1,000 gallons of hydrocarbon-impacted sludge (Alton 1989). The UST was excavated and removed. TPH, TRPH and benzene, toluene, ethylbenzene, and xylenes (BTEX) were not detected in soil samples collected from the excavation and soil stockpile.

In 1997, 11 soil borings (B1 through B11) were advanced at the Site to a maximum depth of 101.5 feet bgs in areas adjacent to product dispensers, the fuel USTs, waste oil UST, former UST encountered and removed in 1989, and in each service bay (Frey 1997). Petroleum hydrocarbons were not detected in soil samples collected at 75 feet bgs or deeper (from B9, B10, and B11). The highest detected benzene concentration was 51 mg/kg (B1 at 70 feet bgs) at the termination of boring B1. No petroleum hydrocarbons were detected in soil samples from depths of 5, 10, 15, 20, 25, 30, 40, or 45 feet bgs near the northwest end of the southwestern UST.

In 1998, the property was sold by ExxonMobil to Petroleum Management & Marketing, Inc. (PMM). Records from the LACDPW indicate that the service station was operated as an independently owned station by PMM. The LARWQCB issued a case closure letter for the Site dated 23 July 1999 confirming completion of site investigation and remedial action for Former Mobil Service Station 18-MRC.

Based on review of secondary containment testing records dated 2003, the station was an independent Mobil service station at that time (PETCON 2003). A LACDPW Hazardous Material Underground Storage Inspection form dated 8 August 2003 indicates the USTs were owned by M&Y Safar Brothers, Inc., and Nourai Farzad was the station owner. Corrective actions were required. In 2003, the product piping was replaced with double-walled, fiberglass product lines equipped with leak detection (Environ 2003). Benzene, toluene, and methyl tertiary butyl ether (MTBE) were detected at concentrations ranging from 0.00077 mg/kg to 0.0086 mg/kg in soil samples collected from the trenches during line replacement (Environ 2003). TPH-g, ethylbenzene, total xylenes, tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and ethanol were not detected in the analyzed samples.

A transfer of UST operation and ownership was filed in August 2006 identifying the facility name as Hanukah Inc. Lomita Mobil, with the operator identified as Daryoush Adelpour. The UST owner is identified as Hanukah, Inc.

In 2009, one waste oil UST (500 to 1,000 gallon capacity) was removed from approximately the same area as the waste oil UST removed in 1988 (Coast 2009). One soil sample was collected from the excavation beneath the former UST at a depth of approximately 10 feet bgs. TRPH was detected at a concentration of 86 mg/kg. BTEX and MTBE were not detected.

In 2016, three USTs and associated product piping and product dispensers were replaced at the Site. TPH-g, TPH-d, BTEX, TBA, and ethanol were detected in soil samples collected from beneath the USTs, product piping and dispensers, with the highest concentrations reported for a sample collected beneath the northwest end of the southwestern UST (Ramtox 2016). On 25 April 2016 the LARWQCB opened a LUST case issued to Hanukah.

In 2018, three soil borings (GP-1 through GP-3) were advanced around the current USTs to investigate the extent of petroleum hydrocarbon impacts observed during the 2016 UST removals (Wayne Perry 2018). The highest concentrations were detected at 30 feet bgs in the area where the highest concentrations were also detected in 2016 (GP-1 at 30 feet bgs). Concentrations detected in soil from GP-1 at 30 feet bgs, where the boring was terminated, were as follows:

TPPH: 2,800 mg/kg

TPH-d:	9.8 mg/kg
Benzene:	0.460 mg/kg
Toluene:	0.900 mg/kg
Ethylbenzene:	0.096 mg/kg
Total xylenes:	0.0420 mg/kg
MTBE:	0.0058 mg/kg
TBA:	0.020 mg/kg
Naphthalene:	0.014 mg/kg

In a letter dated 26 December 2018, the LARWQCB issued LUST case closure to Mr. Vahid Vahdat of Hanukah/Pacific Shell Service Station. In July 2019 a LACDPW UST New Construction/Addendum permit was issued to Pacific Shell to repair a UST product secondary piping leak.

In February 2020 one soil boring (SB-1) was advanced adjacent to former boring B1 to investigate current soil and groundwater conditions at the site (ETIC 2020). The highest petroleum hydrocarbon concentrations were detected at a depth of 70 feet bgs, similar to the concentrations observed in soil boring B1 in 1997. Concentrations decreased in soil samples collected at depths below 70 feet bgs, except for an increase observed at 105 feet bgs.

TPH, benzene, MTBE, and TBA were detected in groundwater at concentrations of:

TPH-d:	710 micrograms per liter (µg/L)
TPH-g:	3,900 µg/L
Benzene:	62 µg/L
MTBE:	74 µg/L
TBA:	78 µg/L

3.0 FIELD ACTIVITIES

From 15 to 30 October 2020, ETIC observed the advancement of three soil borings (MW-1, MW-2, and MW-3) completed as groundwater monitoring wells to evaluate the current soil and groundwater conditions at the Site. The borings were advanced by Cascade Drilling, LP of Upland, California (C-57 License #1058336).

3.1 Pre-field Activities

Prior to the commencement of field activities, a well installation permit was obtained from the Los Angeles County Department of Public Health (Appendix C). A site-specific health and safety plan was prepared and implemented during drilling and sampling activities.

3.2 Borehole Clearance

Prior to drilling, the proposed boring locations were marked, and Underground Services Alert was notified. On 15 October 2020, a private utility line locator, Subsurface Surveys of Carlsbad, California, surveyed the proposed locations for underground utilities using electromagnetic induction, magnetometry and ground penetrating radar. On 20 October 2020, the boring locations MW-1, MW-2, and MW-3 were cleared to 8 feet bgs utilizing an air knife and vacuum rig to ensure that no underground utilities were present in the boreholes prior to drilling.

3.3 Advancement of Soil Borings

From 21 October through 30 October 2020, borings MW-1, MW-2, and MW-3 were advanced to a depth of 150 feet bgs utilizing a CME-95 drill rig. The borings were initially advanced and sampled with 8-inch-diameter hollow-stem augers, then advanced with 10-inch-diameter hollow-stem augers equipped with plugs for well installation. All borings were completed as groundwater monitoring wells. Descriptions of field methods and procedures are provided in Appendix D.

3.4 Soil Sampling

One soil sample was collected from each boring at 5 feet bgs utilizing a hand auger. Soil samples were collected every 5 feet from 10 feet bgs to the total depth explored in each boring, 150 feet bgs, utilizing a California-modified split-spoon soil sampler lined with 2-inch-diameter stainless steel sleeves. For soil samples collected below 5 feet bgs, the sample tubes were sealed with Teflon, capped, and labeled. The remaining contents were sampled following USEPA Method 5035, utilizing 5-gram EnCore™ samplers, examined for lithologic soil characteristics in accordance with the Unified Soil Classification System (USCS) and the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), ASTM International (ASTM) Designation D2488 (ASTM 2008), and screened in the field with a photoionization detector (PID) to

assess relative hydrocarbon content. Soil descriptions and PID readings are recorded on the soil boring logs presented in Appendix E.

Soil samples selected for laboratory analysis were stored with ice in a thermally insulated cooler, and then transported and delivered to Eurofins Calscience, LLC, of Garden Grove, California, a state-certified analytical laboratory under chain-of-custody protocol. Soil samples were analyzed for TPH-g and TPH-d using USEPA Method 8015B(M) and full scan VOCs using USEPA Method 8260B.

All soil sampling equipment was washed and rinsed between soil sampling intervals. This decontamination water was placed into a 55-gallon drum for offsite disposal.

3.5 Well Installation

Borings MW-1, MW-2, and MW-3 were completed as groundwater monitoring wells. Well construction details are summarized in Table 4 and are shown on the boring logs provided in Appendix E. The wells were constructed with 4-inch-diameter, Schedule 40 PVC casing and screened with 0.020-inch, machine-slotted, Schedule 40 PVC casing. The screen interval was dependent on the first observed groundwater during advancement of the borings. MW-1 was screened from 128 to 148 feet bgs. MW-2 and MW-3 were screened from 130 to 150 feet bgs.

All wells were constructed with a filter pack of #2/12 sand in the annulus of each borehole from the bottom of the screened interval to approximately 3 feet above the top of the screened interval, with approximately 3 feet of hydrated bentonite chips above the top of the filter packs. The wells were subsequently sealed with 95% Portland cement and 5% bentonite grout to a depth of approximately 2 feet bgs. The wells were finished at the surface with EMCO Wheaton traffic-rated well boxes set in approximately 2 feet of concrete.

3.6 Well Survey

CalVada Surveying, Inc. of Corona, California, a state-licensed surveyor, surveyed the well locations on 4 November 2020. The wells were surveyed to top-of casing elevation and horizontal locations. The top of well vaults and casings, and latitude and longitude coordinates for all wells were surveyed to the nearest 0.01 foot relative to mean sea level. Surveying data are summarized in Table 4 and provided in Appendix F.

3.7 Well Development

During well installation, after the casing and sand pack were installed, a surge block was repeatedly passed through the screen interval of the well casing. This process facilitated settling of the sand pack. Subsequently, sand was added to raise the sand pack elevation to the specified height above the screened intervals. The process was repeated until no elevation loss was experienced in the sand pack during surging.

On 4 November 2020, groundwater monitoring wells MW-1, MW-2, and MW-3 were developed. The groundwater monitoring wells were surged and bailed during well development and purged using a submersible pump. The process was repeated until well parameters stabilized. The water was placed into 55-gallon drums and labeled for disposal. Field data from well development is provided in Appendix G.

3.8 Groundwater Sampling

On 9 November 2020, ETIC collected groundwater samples from MW-1, MW-2, and MW-3. The samples were stored with ice in a thermally insulated cooler and then transported and delivered to Eurofins Calscience, LLC, of Garden Grove, California, a state-certified analytical laboratory under chain-of-custody protocol. The groundwater samples were analyzed for TPH-g and TPH-d using USEPA Method 8015B(M) and full-scan VOCs using USEPA method 8260B. Well purge logs are provided in Appendix G.

3.9 Waste Containment and Disposal

Soil and water generated during drilling, decontamination, well development, and sampling activities were placed in 55-gallon drums, labeled, and temporarily stored onsite pending removal. A total of 66 drums of soil and 12 drums of decontamination and purge water were generated between 20 October and 9 November 2020.

The drums were removed from the Site by Belshire Environmental Services, Inc. on 23 October, 27 October, 30 October, 6 November, and 10 November 2020 and temporarily stored at their facility before transport to the appropriate disposal facility. The drums of soil were transported to Soil Safe in Adelanto, California, for proper disposal. The drums of water were transported to Crosby and Overton in Long Beach, California, for proper disposal. The waste manifests are included in Appendix H.

4.0 SOIL AND GROUNDWATER SAMPLE RESULTS

4.1 Site Geology and Hydrogeology

The lithology observed during the advancement of soil borings MW-1, MW-2, and MW-3 consisted of clayey silt, clayey sand, clay, sandy silt, and silty sand from the surface to approximately 60 to 75 feet bgs, followed by predominantly sand to approximately 120 feet bgs, silty and clayey sand to approximately 125 feet bgs, and predominantly sand to the maximum depth explored of 150 feet bgs. Groundwater was first encountered in the boreholes from 133 to 138 feet bgs. During groundwater sampling activities, the average depth to water was 135.23 feet and the direction of the groundwater gradient was northeast. Soil lithology is described on the boring logs included in Appendix E.

4.2 Soil Sample Analytical Methods and Results

Selected soil samples collected from MW-1, MW-2, and MW-3 were submitted for laboratory analysis to Eurofins Calscience Laboratory, a California state-certified laboratory in Garden Grove, California and analyzed as follows:

- TPH-g and TPH-d by USEPA Method 8015B(M)
- Full Scan VOCs, oxygenates and BTEX by USEPA Method 8260B

Soil sample analytical results are summarized in Tables 1 through 3 and Figure 4. Laboratory analytical reports and chain-of-custody documentation is provided in Appendix I and summarized as follows:

The maximum concentrations of TPH, BTEX, MTBE, TBA, oxygenates, Ethanol, and VOCs detected were:

- TPH-d was detected in 12 samples, with the highest concentration of 200 Z mg/kg detected in MW-3 at 15 feet bgs.
- TPH-g was detected in 45 samples, with the highest concentration of 1,600 mg/kg detected in MW-1 at 30 feet bgs.
- Benzene was detected in 66 samples, with the highest concentration of 0.57 mg/kg detected in MW-1 at 60 feet bgs.
- Toluene was detected in 35 samples, with the highest concentration of 0.81 mg/kg detected in MW-2 at 70 feet bgs.
- Ethylbenzene was detected in 50 samples, with the highest concentration of 6.6 mg/kg detected in MW-1 at 30 feet bgs.
- Total xylenes were detected in 41 samples, with the highest concentration of 9.8 mg/kg detected in MW-1 at 60 feet bgs.
- MTBE was detected in 58 samples, with the highest concentration of 0.15 mg/kg detected in MW-1 at 45 feet bgs.
- TBA was detected in 34 samples, with the highest concentration of 0.50 J mg/kg detected in MW-1 at 45 feet bgs.

- Ethanol was detected in four samples, with the highest concentration of 0.083 J mg/kg detected in MW-3 at 135 feet bgs.
- DIPE, ETBE, and TAME were not detected in samples collected.
- Acetone, 2-Butanone, Carbon disulfide, 1,2-Dichloroethane, Isopropylbenzene, naphthalene, n-Butylbenzene, N-Propylbenzene, p-Isopropyltoluene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene were detected in samples collected.

4.3 Groundwater Sample Analytical Methods and Results

Groundwater samples from MW-1, MW-2, and MW-3 were collected and submitted for laboratory analysis to Eurofins Calscience Laboratory, a California state-certified laboratory in Garden Grove, California and analyzed as follows:

- TPH-g and TPH-d by USEPA Method 8015B(M)
- BTEX, MTBE, TBA, DIPE, TAME, ETBE and Full Scan VOCs by USEPA Method 8260B

Groundwater sample analytical results are summarized in Tables 4 through 6 and Figures 5 through 10. Groundwater laboratory analytical reports and chain-of-custody documentation are provided in Appendix I.

The maximum concentrations of TPH, BTEX, MTBE, TBA, oxygenates, and VOCs detected were:

- TPH-g was detected in MW-2 at a concentration of 14,000 µg/L.
- TPH-d was detected in MW-2 at a concentration of 870 Z µg/L.
- Benzene was detected in MW-2 with a concentration of 890 µg/L.
- Toluene was detected in MW-2 at a concentration of 1,600 µg/L.
- Ethylbenzene was detected in MW-2 at a concentration of 1,200 µg/L.
- Total Xylenes were detected in MW-2 at a concentration of 5,700 µg/L.
- MTBE was detected in MW-2 at a concentration of 440 µg/L.
- TBA was detected in MW-2 at a concentration of 760 µg/L.
- DIPE, ETBE, and TAME were not detected above the laboratory reporting limits in any of the samples analyzed.
- Acetone, cis-1,2-dichloroethene, 1,2-dichloroethane, isopropylbenzene, methylene chloride, naphthalene, N-butylbenzene, N-propylbenzene, tetrachloroethene, trichloroethene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were detected in samples collected.

5.0 SUMMARY AND CONCLUSIONS

ETIC observed the advancement of three soil borings (MW-1 through MW-3). Soil was sampled every 5 feet to the maximum depth explored of 150 feet bgs. Soil borings were completed as groundwater monitoring wells and developed.

Lithology observed during the investigation consisted of silty sand, sandy silt, and sand, with clay layers from the surface to the maximum depth encountered at 150 feet bgs. Groundwater was first encountered at 133 to 138 feet bgs. Soil samples were analyzed for TPH-g, TPH-d, full scan VOCs, and fuel oxygenates. Groundwater samples were collected and analyzed for TPH-g, TPH-d, full scan VOCs, and fuel oxygenates.

Petroleum hydrocarbon concentrations detected in soil samples were generally lower than concentrations detected during previous investigations at the Site. The highest concentration of benzene detected in soil was 0.57 mg/kg in MW-1 at 60 feet bgs.

Groundwater sampling activities indicated a groundwater flow direction of northeast, suggesting that Lomita Well No. 5 is located upgradient from the Site. The highest detected concentrations of TPH-g, TPH-d, benzene, toluene, ethylbenzene, total xylenes, MTBE, and TBA were observed in MW-2, with benzene detected at a concentration of 890 µg/L.

Based on the results of this investigation, additional assessment is necessary to further evaluate petroleum hydrocarbon concentrations. ETIC recommends preparing a conceptual site model for the site incorporating current and historical assessment data, as well as regional assessment and hydrogeologic data to aid in determining the scope of additional assessment activities.

6.0 REFERENCES

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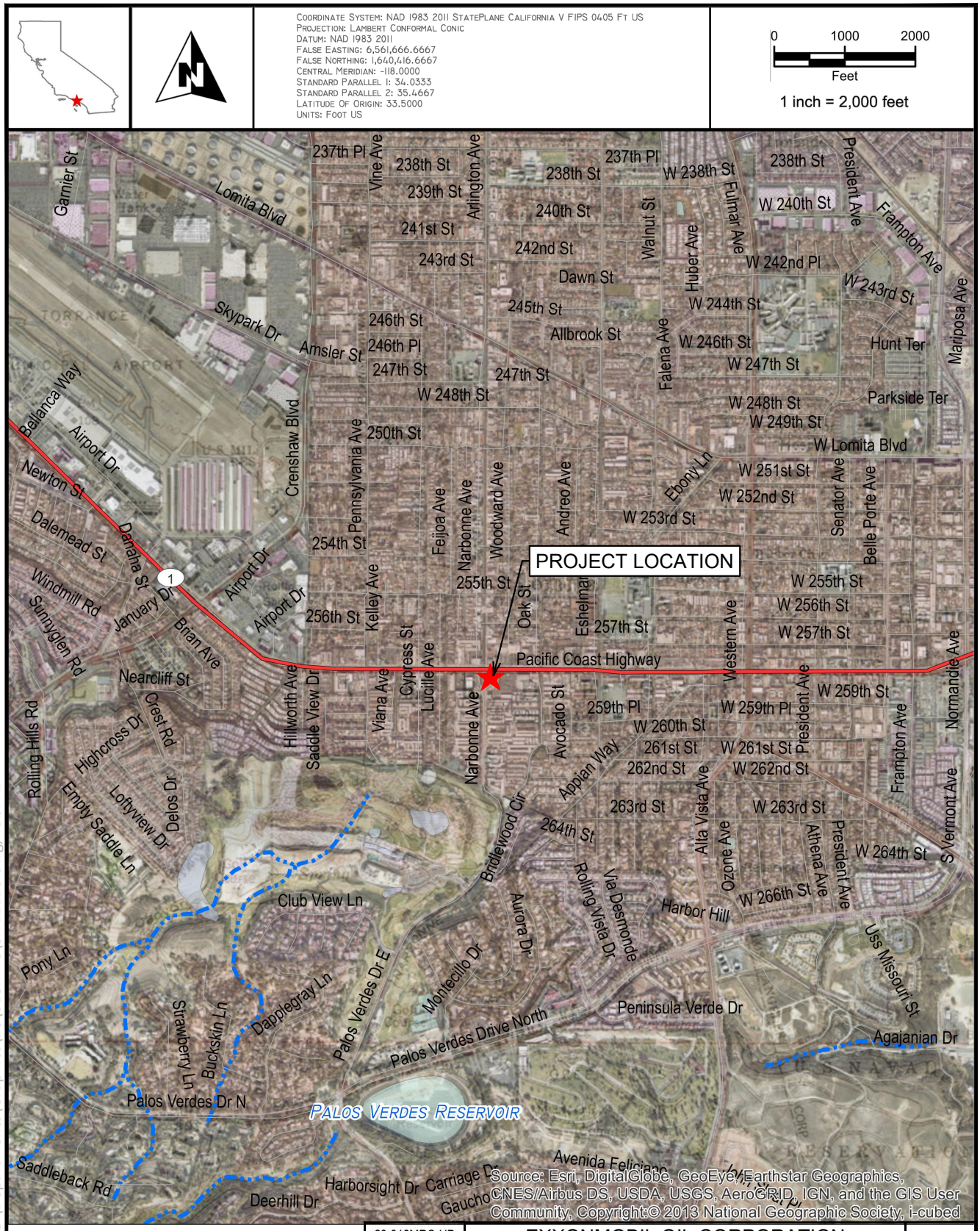
Figures



20-018MRC-UP	EXXONMOBIL OIL CORPORATION	
OR: ZS	SITE LOCATION MAP FORMER MOBIL SERVICE STATION 18MRC 25808 NARBONNE AVENUE	FIGURE: 1
DR: AJW		
CK:		
FR:	LOMITA, CALIFORNIA.	

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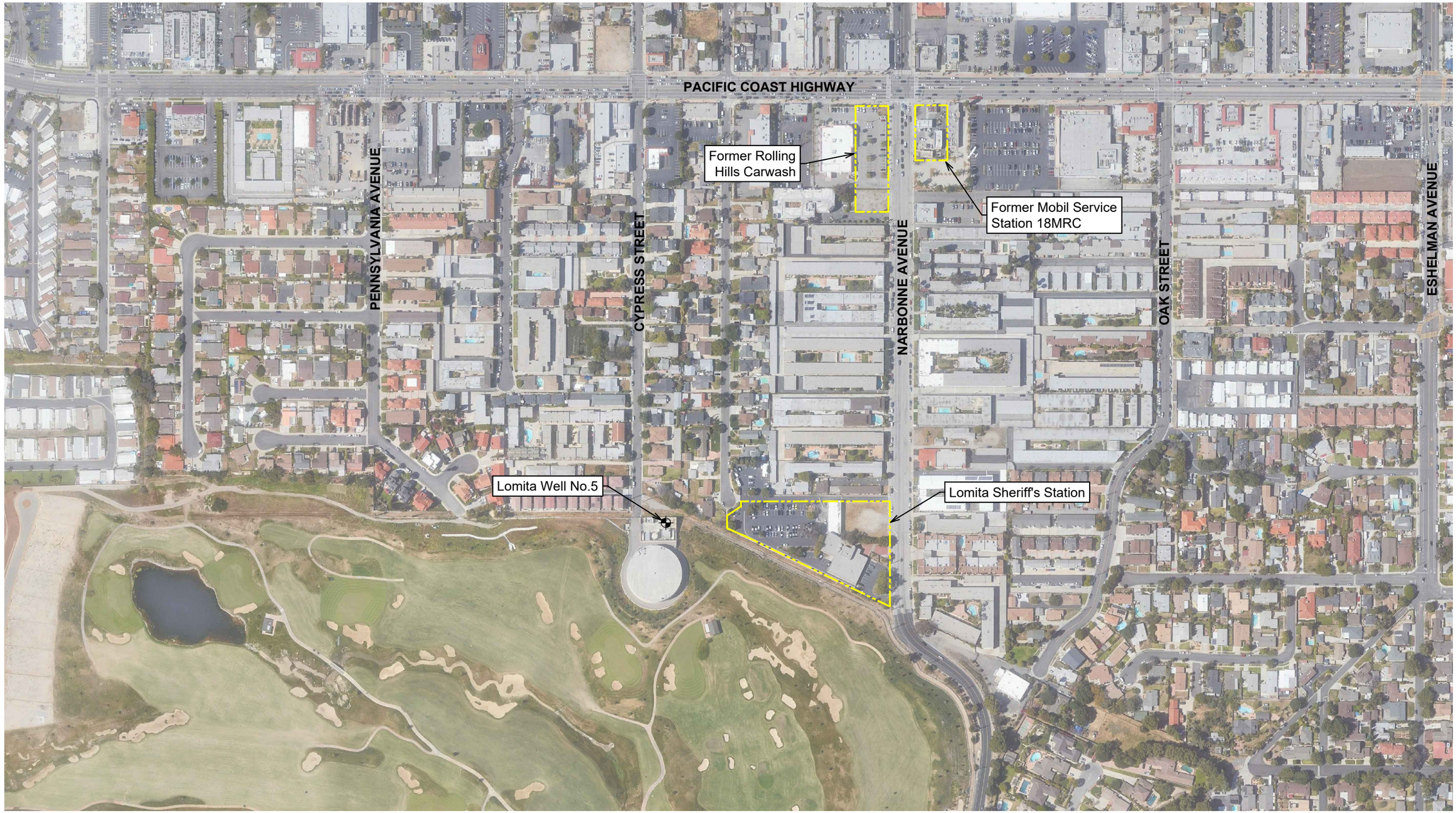

0 150 300

APPROX. SCALE (feet)

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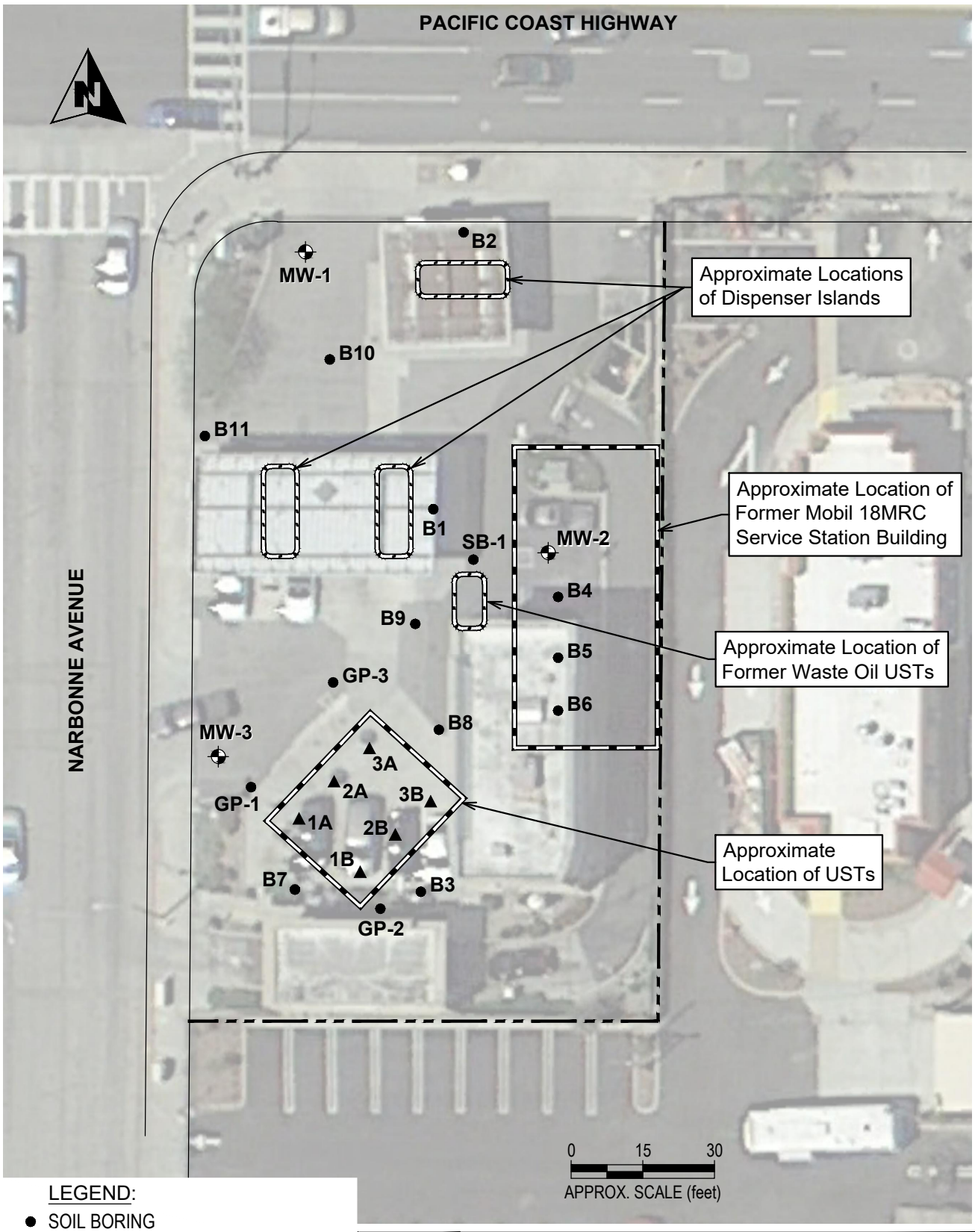
20-018MRC-UP	
OR:	ZS
DR:	AJW
CK:	
FR:	

EXXONMOBIL OIL CORPORATION

VICINITY MAP
FORMER MOBIL SERVICE STATION 18MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA.

FIGURE: 2

12/01/2020, 08:47, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F2



LEGEND:

- SOIL BORING
- SOIL SAMPLE COLLECTED BENEATH FORMER UST
- GROUNDWATER MONITORING WELL

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20-018MRC-UP	EXXONMOBIL OIL CORPORATION
OR: ZS	SITE PLAN FORMER MOBIL SERVICE STATION 18MRC 25808 NARBONNE AVENUE
DR: AJW	
CK:	
FR:	LOMITA, CALIFORNIA.

FIGURE: 3

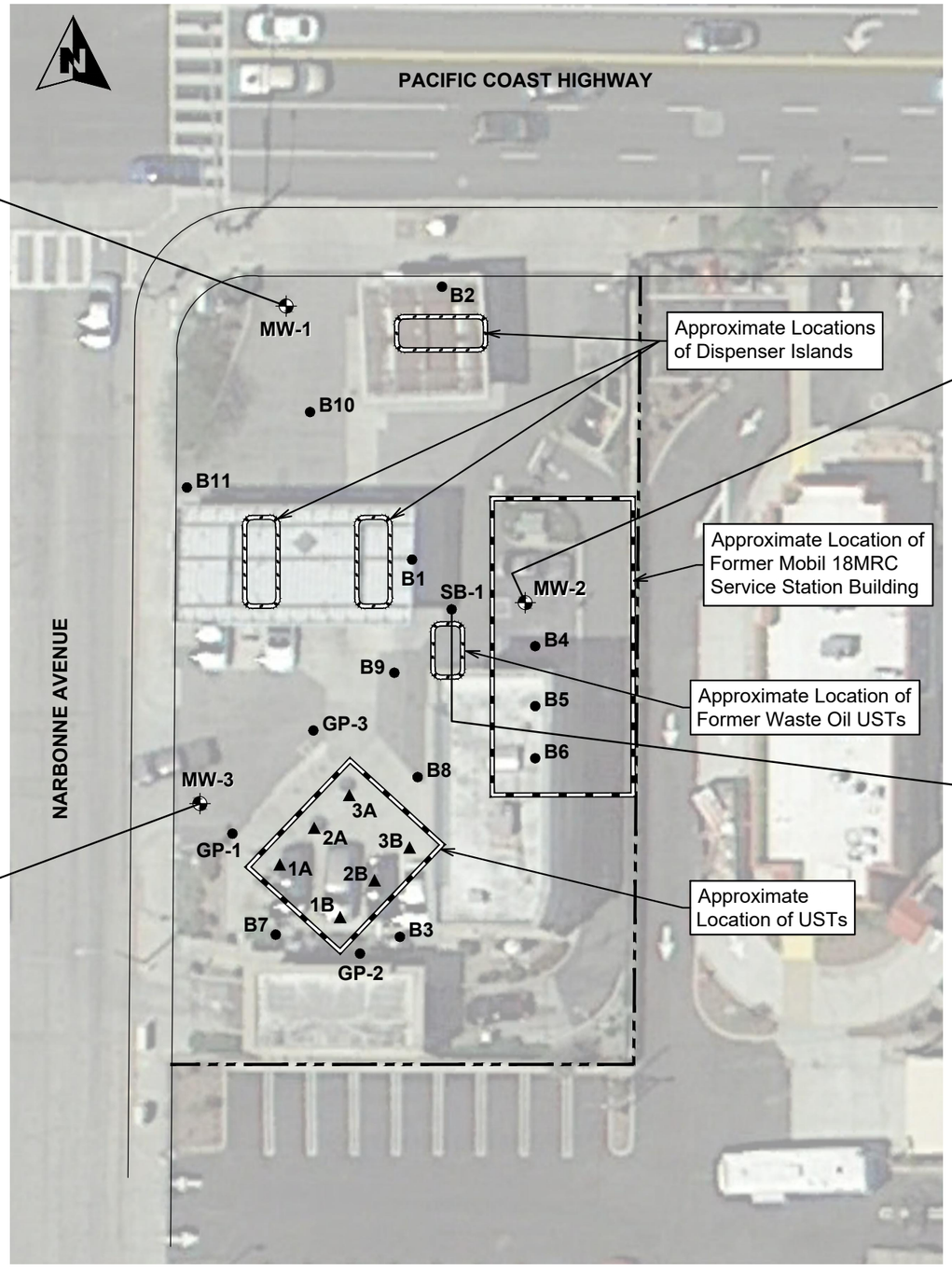
12/01/2020, 08:48, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F3

MW-1 (10/20/20-10/23/20)

Depth (ft bgs)	TPH-g (8015B)	TPH-d (8015B)	Benzene (8260B)	MTBE (8260B)
5	<0.10	<5.2	**0.00046 J**	<0.0021
10	<0.085	<4.8	<0.00098	<0.0020
15	<0.095	<4.9	<0.00091	<0.0018
20	<0.097	<4.9	**0.00026 J**	<0.0020
25	**660**	**18 Z**	<0.20	<0.40
30	**1,600**	<4.9	<0.88	<1.8
35	**0.77**	<5.0	**0.0018**	**0.14**
40	**230**	<4.8	<0.043	**0.13**
45	**170**	<5.0	**0.013 J**	**0.15**
50	**1,300**	<4.8	**0.14 J**	**0.065 J**
55	**670**	**6.2 Z**	**0.33**	**0.13 J**
60	**930**	**38 Z**	**0.57**	<0.83
65	**2.2**	<4.8	**0.0028**	**0.0050**
70	**0.068 J**	<4.8	<0.0011	**0.00041 J**
75	**0.084 J**	<5.3	<0.0012	**0.0018 J**
80	**0.28**	<5.0	**0.00051 J**	**0.0012 J**
85	<0.12	<4.8	<0.0011	**0.00033 J**
90	<0.12	<4.7	**0.00043 J**	**0.0018 J**
95	<0.12	<4.9	**0.00031 J**	**0.00047 J**
100	**0.70**	<4.8	**0.00043 J**	**0.00026 J**
105	<0.12	<4.8	<0.0011	**0.00045 J**
110	<0.12	<4.8	<0.0011	<0.0023
115	**3.0**	<4.8	**0.00032 J**	<0.0022
120	<0.089	<5.2	<0.0010	**0.0030**
125	<0.11	<4.9	**0.00044 J**	**0.0016 J**
130	**0.092 J**	<5.0	<0.0011	<0.0022
135	**0.17**	<5.0	<0.00095	**0.00061 J**
140	**0.078 J**	<5.0	<0.0012	<0.0023
145	**1.0**	--	<0.0010	<0.0020
150	**0.86**	<5.2	<0.0010	<0.0020

MW-3 (10/20/20-10/28/20)

Depth (ft bgs)	TPH-g (8015B)	TPH-d (8015B)	Benzene (8260B)	MTBE (8260B)
5	<0.10	<4.8	<0.00098	<0.0020
10	<0.078	<4.9	**0.00038 J**	<0.0016
15	**0.058 J**	**200 Z**	**0.0011**	<0.0019
20	<0.085	<4.9	**0.00045 J**	<0.0016
25	<0.083	<4.8	**0.0014**	<0.0018
30	**0.12**	<4.9	**0.0013**	**0.011**
35	**0.31**	<4.8	**0.00097**	**0.042**
40	**0.077 J**	<4.9	<0.00079	**0.029**
45	**0.076 J**	<4.8	**0.0012**	**0.031**
50	**0.072 J**	<4.9	**0.0012**	**0.028**
55	**0.18**	**6.3 Z**	**0.00025 J**	**0.014**
60	**0.069 J**	<4.9	**0.0028**	**0.0010 J**
65	**0.077 J**	<4.8	**0.0019**	**0.0014 J**
70	**0.62**	**3.8 J,Z**	**0.041**	**0.021**
75	<0.11	<4.9	**0.00079 J**	**0.00092 J**
80	<0.11	**7.6 Z**	**0.00062 J**	**0.00025 J**
85	<0.11	<4.9	**0.0019**	**0.0028**
90	<0.11	<4.9	**0.00079 J**	**0.00040 J**
95	**0.11 J**	<4.9	**0.00069 J**	**0.0016 J**
100	**0.15**	<4.9	**0.0014**	**0.0036**
105	<0.10	<4.9	**0.00031 J**	**0.00036 J**
110	<0.11	**8.3**	**0.00047 J**	**0.00023 J**
115	<0.093	**9.3**	**0.0024**	**0.0059**
120	**0.32**	**7.3**	**0.039**	**0.015**
125	**0.11**	<4.8	**0.0067**	**0.0042**
130	<0.10	<4.9	**0.00085 J**	**0.00064 J**
135	<0.10	<4.8	**0.00047 J**	<0.0020
140	**0.084 J**	**4.1 J,Z**	**0.0018**	**0.0072**
145	**0.071 J**	<5.1	**0.00068 J**	**0.0013 J**
150	<0.094	**5.7 Z**	**0.00027 J**	<0.0019



0 15 30
APPROX. SCALE (feet)

MW-2 (10/20/20-10/21/20)

Depth (ft bgs)	TPH-g (8015B)	TPH-d (8015B)	Benzene (8260B)	MTBE (8260B)
5	<0.084	<5.0	**0.00050 J**	<0.0019
10	<0.096	<5.1	**0.00043 J**	<0.0021
15	<0.11	<5.2	**0.00028 J**	<0.0022
20	<0.11	<5.1	<0.0010	<0.0020
25	<0.086	<5.0	**0.00022 J**	<0.0017
30	<0.091	<4.8	**0.00052 J**	<0.0018
35	<0.084	<5.2	<0.00093	<0.0019
40	<0.078	<5.2	<0.00090	<0.0018
45	<0.089	<5.0	<0.00089	<0.0018
50	<0.087	<4.9	<0.00084	<0.0017
55	<0.090	<4.8	**0.00037 J**	<0.0017
60	<0.094	<4.8	**0.00034 J**	<0.0019
65	**0.88**	<5.2	**0.018**	**0.015**
70	**3.9**	<4.6	**0.54**	**0.14**
75	**0.16**	<5.1	**0.00046 J**	**0.0035**
80	<0.12	<5.3	**0.00056 J**	**0.0020 J**
85	<0.12	<5.2	**0.00070 J**	**0.0011 J**
90	<0.13	<5.1	**0.00061 J**	**0.0017 J**
95	<0.12	<5.3	**0.00052 J**	**0.0015 J**
100	<0.12	<5.2	<0.0012	**0.00097 J**
105	<0.12	<4.8	**0.00035 J**	**0.0011 J**
110	<0.12	<5.2	**0.00067 J**	**0.00069 J**
115	<0.11	<4.7	**0.00034 J**	**0.0020 J**
120	**0.21**	<4.9	**0.00038 J**	**0.012**
125	**0.34**	<5.0	**0.0063**	**0.029**
130	**0.072 J**	<4.9	**0.00044 J**	**0.0019 J**
135	**0.28**	<5.2	**0.00069 J**	**0.0036**
140	**0.22**	<4.7	**0.030**	**0.044**
145	**0.23**	<5.1	**0.0033**	**0.0098**
150	**0.064 J**	<5.1	**0.0013**	**0.0056**

LEGEND:

- ● SOIL BORING
- ▲ SOIL SAMPLE COLLECTED BENEATH FORMER UST
- ⌖ GROUNDWATER MONITORING WELL

NOTES:

RESULTS ARE REPORTED IN mg/kg
mg/kg: MILLIGRAMS PER KILOGRAM.
J: RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE.
Z: THE CHROMATOGRAPHIC RESPONSE DOES NOT RESEMBLE A TYPICAL FUEL PATTERN.
B: COMPOUND WAS FOUND IN THE BLANK AND SAMPLE.
BGS: BELOW GROUND SURFACE.
TPH-G: TOTAL PETROLEUM HYDROCARBONS AS GASOLINE.
TPH-D: TOTAL PETROLEUM HYDROCARBONS AS DIESEL.
MTBE: METHYL TERTIARY BUTYL ETHER.
(8015B): EPA ANALYSIS METHOD.
(8260B): EPA ANALYSIS METHOD.

SB-1 (2/25/20-2/26/20)

Depth (ft bgs)	TPH-g (8015B)	TPH-d (8015B)	Benzene (8260B)	MTBE (8260B)
5	<0.097	<4.9	**0.00057 J**	<0.0022
10	<0.087	<4.9	<0.00085	<0.0017
15	<0.084	<4.9	<0.00092	<0.0018
20	<0.086	<5.0	**0.0010 J**	<0.0023
25	<0.12	<5.0	<0.0011	<0.0021
30	<0.11	<4.8	**0.00032 J**	**0.0073**
35	<0.098	<5.0	<0.00083	**0.031**
40	<0.095	<4.8	<0.00083	**0.0088**
45	<0.091	<4.9	<0.00090	**0.0060**
50	**0.13 Z**	<4.9	**0.011**	**0.037**
55	**0.077 J,Z**	<4.9	**0.0094**	**0.024**
60	**0.21 Z**	<4.9	**0.039**	**0.020**
65	**0.29 Z**	<4.8	**0.035**	**0.062**
70	**4,700 B**	**66 Z**	**130**	<1.9
75	**0.53**	<5.1	**0.013**	**0.014**
80	**0.20**	<4.9	**0.025 J**	<0.11
85	<0.12	<5.0	**0.00059 J**	**0.0040**
90	<0.13	<4.9	**0.00041 J**	**0.0016 J**
95	<0.12	<5.0	**0.00049 J**	**0.0073**
100	<0.12	<4.8	**0.0011**	**0.0019 J**
105	**86**	**3.7 J,Z**	**0.13**	<0.11
110	<0.11	**3.9 J,Z**	**0.00025 J**	**0.00076 J**
115	<0.11	**4.2 J,Z**	**0.00017 J**	**0.00040 J**
120	**0.16**	<4.9	**0.0020**	**0.012**
125	**0.90 Z**	<4.9	**0.0011**	**0.0069**
130	**0.42**	<4.8	<0.0011	**0.00042 J**
135	**0.14 Z**	<4.8	**0.0050**	**0.014**
140	**0.14**	<4.8	**0.0031**	**0.014**

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20-018MRC-UP	EXXONMOBIL OIL CORPORATION
OR: ZS	SITE PLAN SHOWING SOIL DATA FORMER MOBIL SERVICE STATION 18MRC 25808 NARBONNE AVENUE
DR: AJW	
CK:	
FR:	LOMITA, CALIFORNIA.

FIGURE: 4

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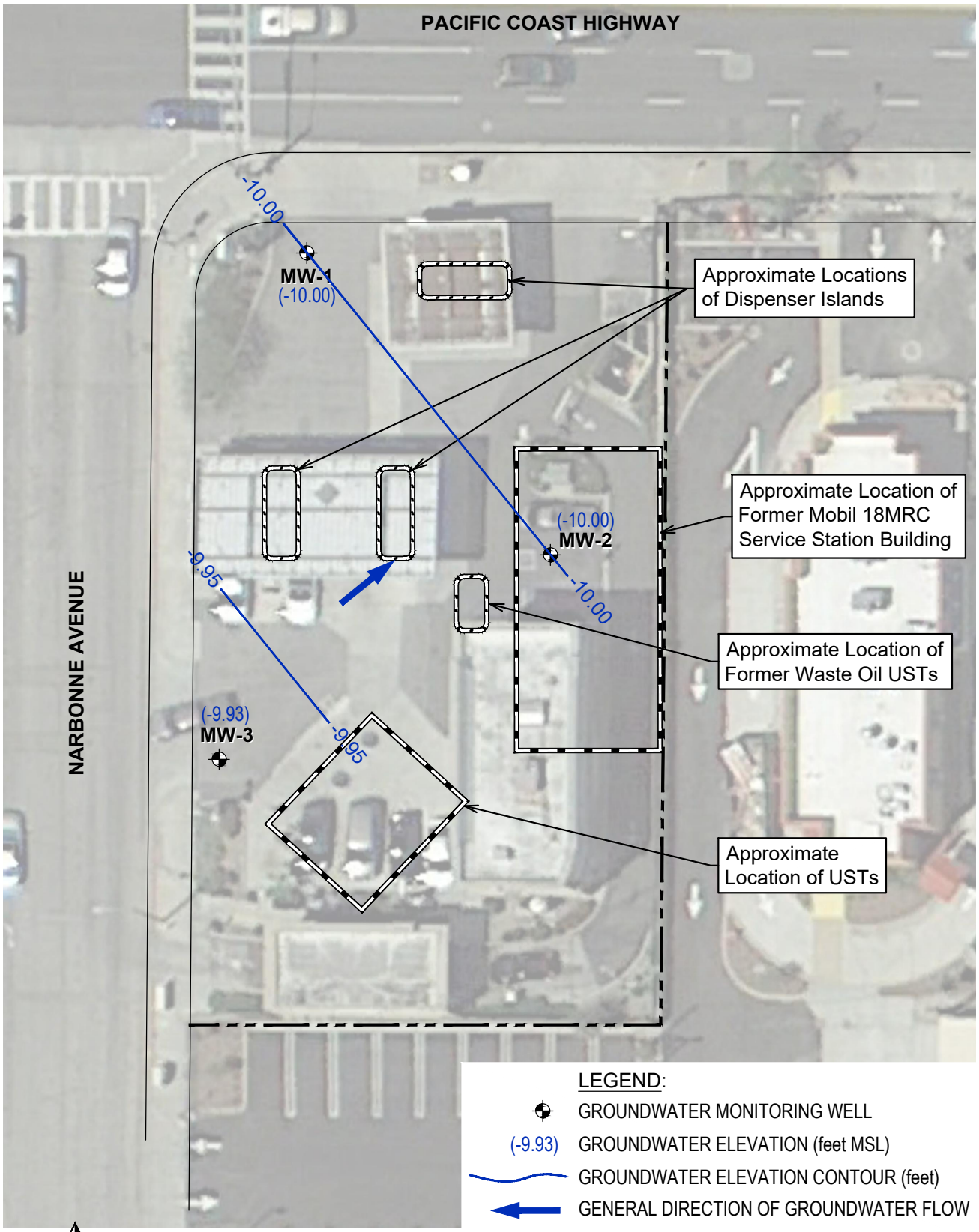

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20-018MRC-UP	EXXONMOBIL OIL CORPORATION
OR: AC	GROUNDWATER ELEVATION MAP 9 NOVEMBER 2020 FORMER MOBIL SERVICE STATION 18MRC 25808 NARBONNE AVENUE
DR: AJW	
CK:	
FR:	LOMITA, CALIFORNIA.

FIGURE: 5

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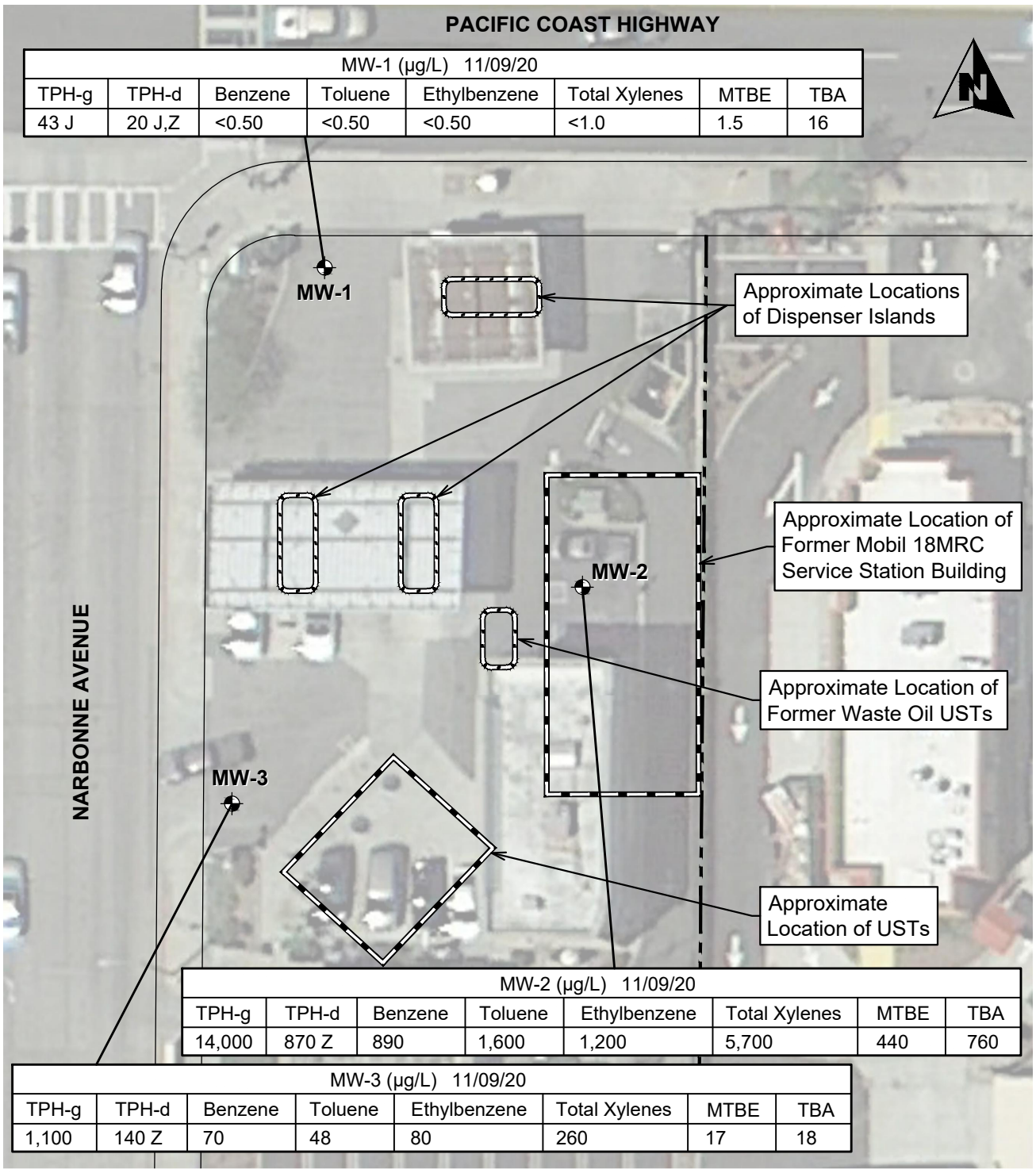

LEGEND:

GROUNDWATER MONITORING WELL

J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.

Z THE CHROMATOGRAPHIC RESPONSE DOES NOT RESEMBLE A TYPICAL FUEL PATTERN.

0 15 30

APPROX. SCALE (feet)

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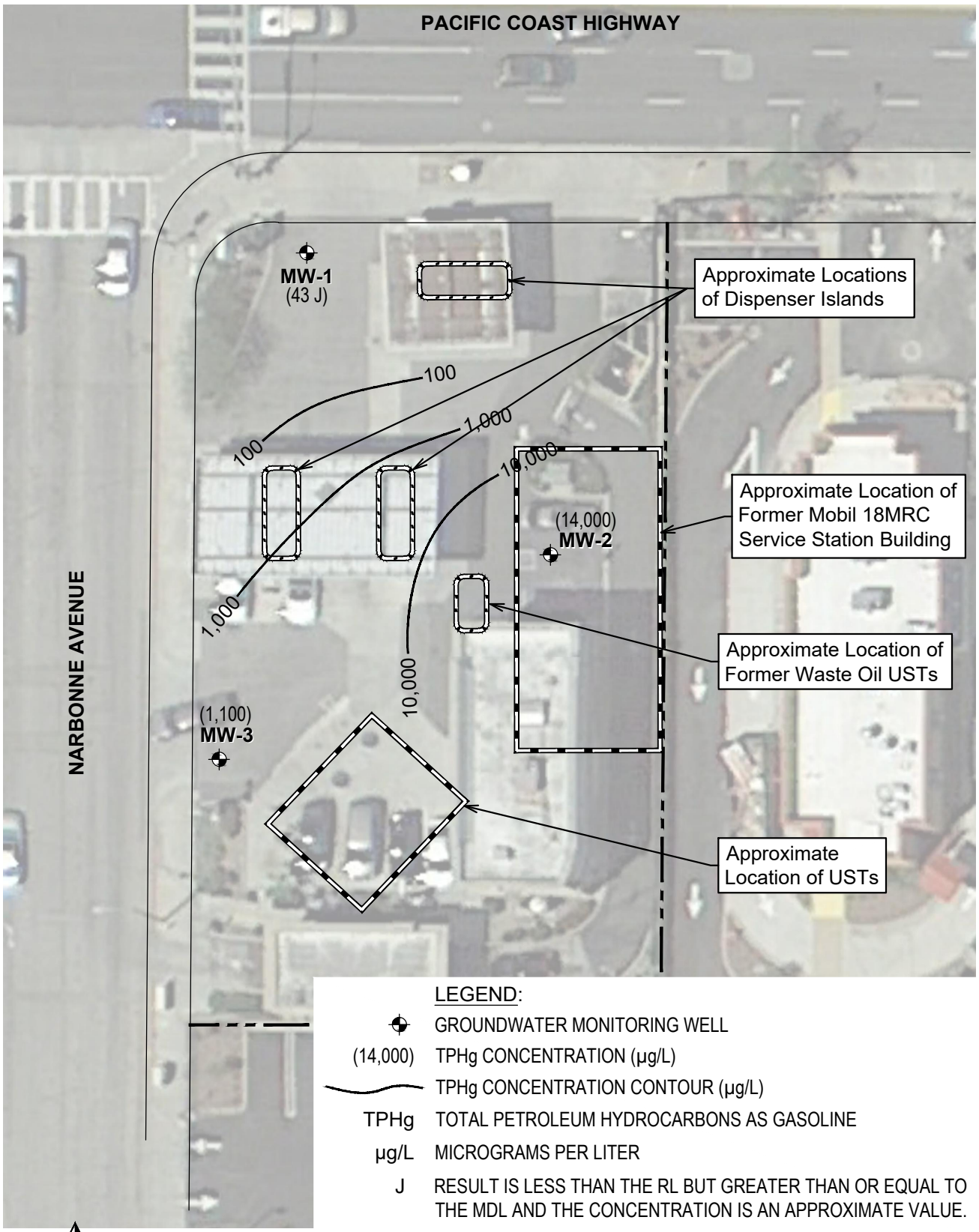
20-018MRC-UP	
OR:	AC
DR:	AJW
CK:	
FR:	

EXXONMOBIL OIL CORPORATION

SELECT GROUNDWATER ANALYTICAL DATA
FORMER MOBIL SERVICE STATION 18MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA.

FIGURE: 6

12/01/2020, 08:48, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F6-GW (SELECT)



LEGEND:

- GROUNDWATER MONITORING WELL
- (14,000) TPHg CONCENTRATION (µg/L)
- TPHg CONCENTRATION CONTOUR (µg/L)
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- µg/L MICROGRAMS PER LITER
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.

0 15 30

APPROX. SCALE (feet)

ETIC
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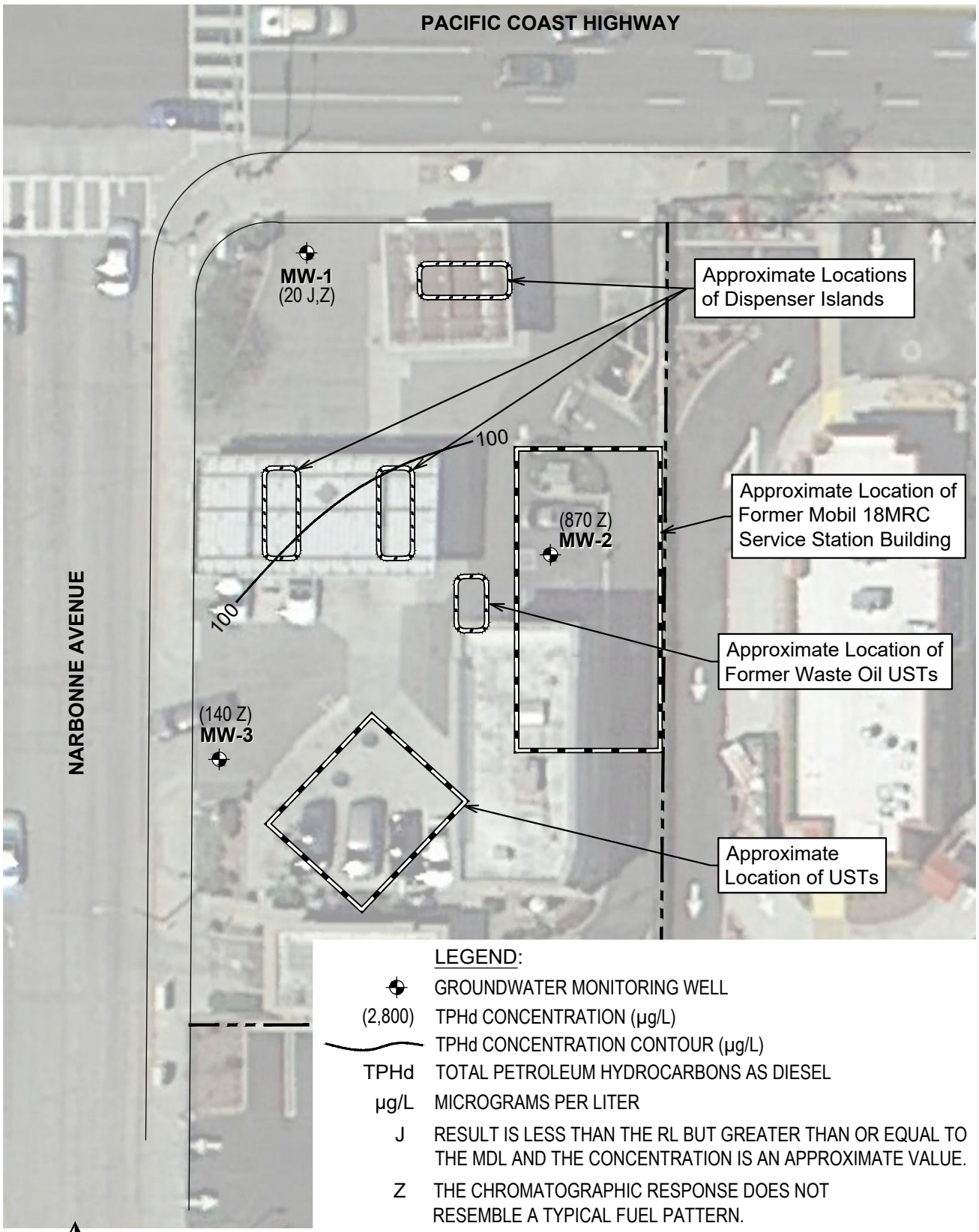
20-018MRC-UP	
OR:	AC
DR:	AJW
CK:	
FR:	

EXXONMOBIL OIL CORPORATION

ISOCONCENTRATION CONTOUR MAP - TPHg
9 NOVEMBER 2020
FORMER MOBIL SERVICE STATION 18MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA.

FIGURE: 7

12/01/2020, 08:48, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F7-TPHg



LEGEND:

⊕	GROUNDWATER MONITORING WELL
(2,800)	TPHd CONCENTRATION (µg/L)
~	TPHd CONCENTRATION CONTOUR (µg/L)
TPHd	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
µg/L	MICROGRAMS PER LITER
J	RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.
Z	THE CHROMATOGRAPHIC RESPONSE DOES NOT RESEMBLE A TYPICAL FUEL PATTERN.

N

0 15 30

APPROX. SCALE (feet)

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CONSULT ENGINEER CONSTRUCT
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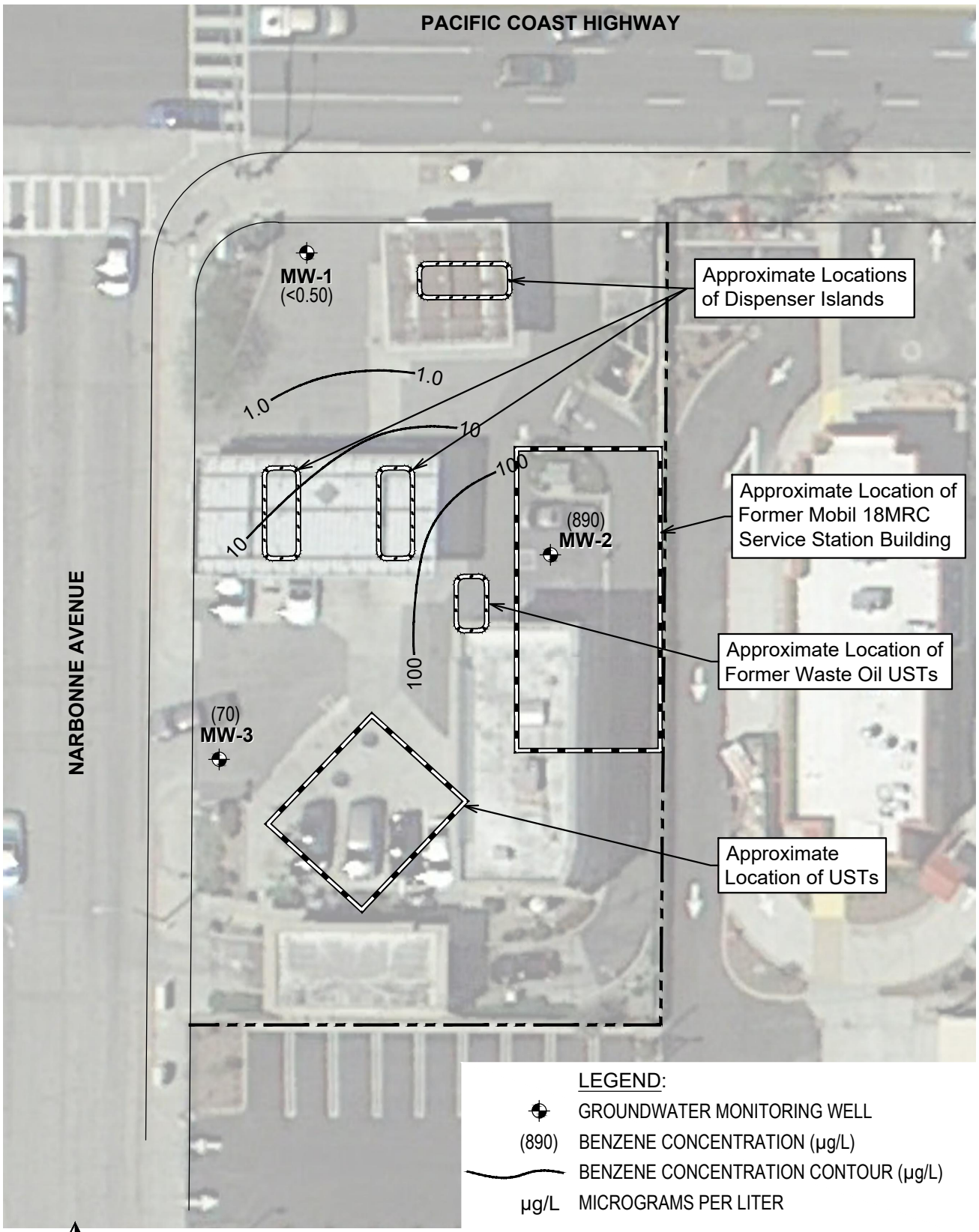
20-018MRC-UP	
OR:	AC
DR:	AJW
CK:	
FR:	

EXXONMOBIL OIL CORPORATION

ISOCONCENTRATION CONTOUR MAP - TPHd
9 NOVEMBER 2020
FORMER MOBIL SERVICE STATION 18MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA.

FIGURE: 8

12/01/2020, 08:48, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F8-TPHd



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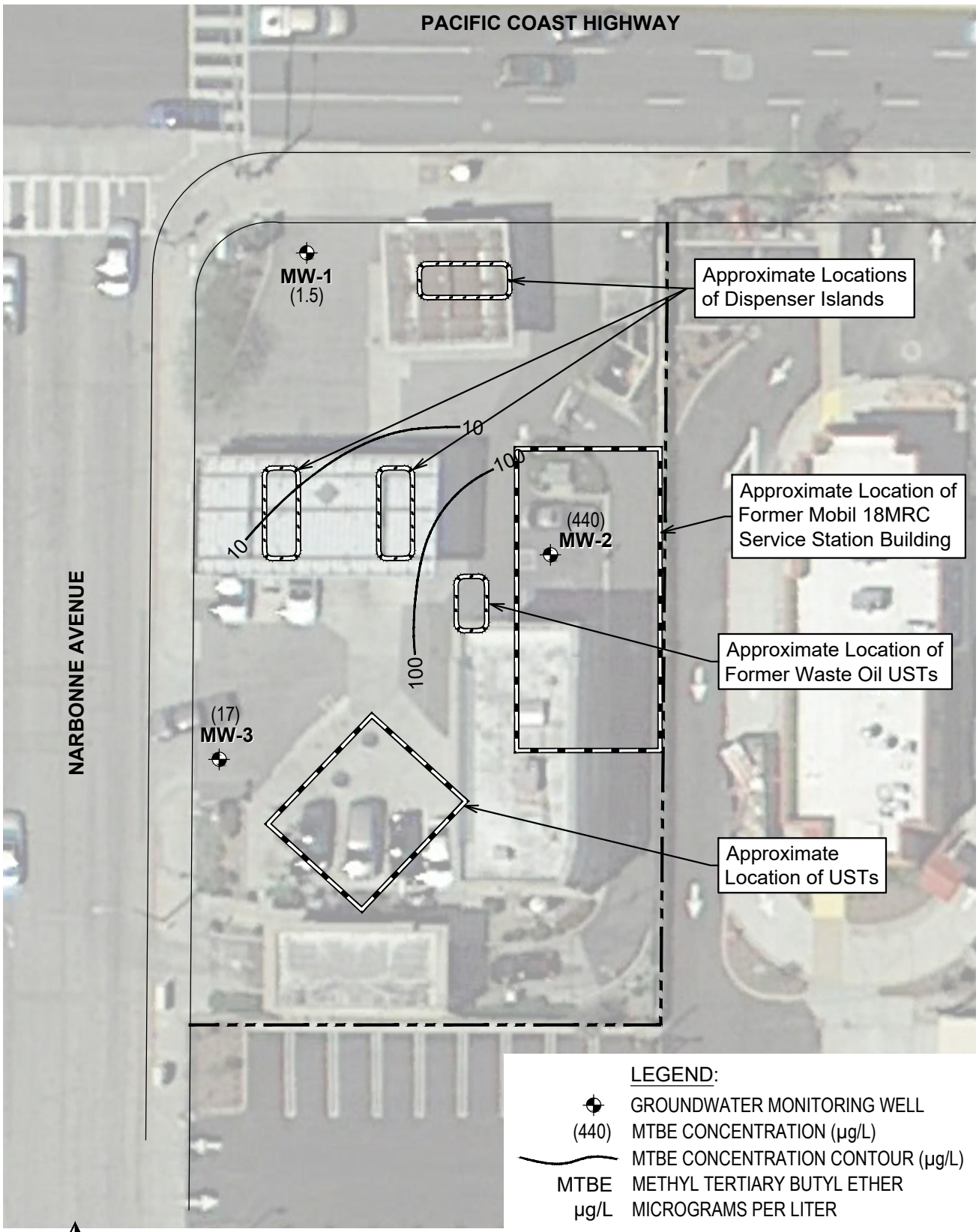
20-018MRC-UP	EXXONMOBIL OIL CORPORATION
OR: AC	ISOCONCENTRATION CONTOUR MAP- BENZENE
DR: AJW	9 NOVEMBER 2020
CK:	FORMER MOBIL SERVICE STATION 18MRC
FR:	25808 NARBONNE AVENUE
	LOMITA, CALIFORNIA.

FIGURE: 9

12/01/2020, 08:49, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F9-BENZ



LEGEND:

- GROUNDWATER MONITORING WELL
- (440) MTBE CONCENTRATION (µg/L)
- MTBE CONCENTRATION CONTOUR (µg/L)
- MTBE METHYL TERTIARY BUTYL ETHER
- µg/L MICROGRAMS PER LITER

0 15 30

APPROX. SCALE (feet)

ETIC CONSULT ENGINEER CONSTRUCT

250 W. COLORADO BLVD.
SUITE 110
ARCADIA, CA 91007
(626) 432-5999

20-018MRC-UP	
OR:	AC
DR:	AJW
CK:	
FR:	

EXXONMOBIL OIL CORPORATION

ISOCONCENTRATION CONTOUR MAP-MTBE
9 NOVEMBER 2020
FORMER MOBIL SERVICE STATION 18MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA.

FIGURE: 10

12/01/2020, 08:49, G:\Departments\Graphics\20\018MRC\SITE1120.dwg, Tab: F10-MTBE

Tables

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS FOR PETROLEUM HYDROCARBONS,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)
			EPA Method 8015B		EPA Method 8260B									
Soil Boring February 2020														
SB-1, 5	5	2/25/2020	<0.097	<4.9	**0.00057 J**	<0.0011	<0.0011	<0.0033	<0.0022	<0.022	<0.0011	<0.0011	<0.0011	<0.55
SB-1,10	10	2/26/2020	<0.087	<4.9	<0.00085	<0.00085	<0.00085	<0.0025	<0.0017	<0.017	<0.00085	<0.00085	<0.00085	<0.42
SB-1, 15	15	2/26/2020	<0.084	<4.9	<0.00092	<0.00092	<0.00092	<0.0028	<0.0018	<0.018	<0.00092	<0.00092	<0.00092	<0.46
SB-1, 20	20	2/26/2020	<0.086	<5.0	**0.0010 J**	**0.00090 J**	<0.0011	<0.0034	<0.0023	<0.023	<0.0011	<0.0011	<0.0011	<0.57
SB-1, 25	25	2/26/2020	<0.12	<5.0	<0.0011	<0.0011	<0.0011	<0.0032	<0.0021	<0.021	<0.0011	<0.0011	<0.0011	<0.53
SB-1, 30	30	2/26/2020	<0.11	<4.8	**0.00032 J**	<0.0011	<0.0011	<0.0034	**0.0073**	**0.019 J**	<0.0011	<0.0011	<0.0011	<0.57
SB-1, 35	35	2/26/2020	<0.098	<5.0	<0.00083	<0.00083	<0.00083	<0.0025	**0.031**	**0.027**	<0.00083	<0.00083	<0.00083	<0.42
SB-1, 40	40	2/26/2020	<0.095	<4.8	<0.00083	<0.00083	<0.00083	<0.0025	**0.0088**	**0.019**	<0.00083	<0.00083	<0.00083	<0.42
SB-1, 45	45	2/26/2020	<0.091	<4.9	<0.00090	<0.00090	<0.00090	<0.0027	**0.0060**	<0.018	<0.00090	<0.00090	<0.00090	<0.45
SB-1, 50	50	2/26/2020	**0.13 Z**	<4.9	**0.011**	<0.00093	**0.0024**	<0.0028	**0.037**	**0.012 J**	<0.00093	<0.00093	<0.00093	<0.47
SB-1, 55	55	2/26/2020	**0.077 J,Z**	<4.9	**0.0094**	**0.00081 J**	**0.0042**	<0.0026	**0.024**	**0.025**	<0.00087	<0.00087	<0.00087	<0.43
SB-1, 60	60	2/26/2020	**0.21 Z**	<4.9	**0.039**	**0.0019**	**0.0090**	**0.0040**	**0.020**	**0.019**	<0.00092	<0.00092	<0.00092	<0.46
SB-1, 65	65	2/26/2020	**0.29 Z**	<4.8	**0.035**	**0.081**	**0.012**	**0.057**	**0.062**	**0.034**	<0.00092	<0.00092	<0.00092	<0.46
SB-1, 70	70	2/26/2020	**4,700 B**	**66 Z**	**130**	**2,200**	**410**	**2,400**	<1.9	<19	<0.94	<0.94	<0.94	<470
SB-1, 75	75	2/26/2020	**0.53**	<5.1	**0.013**	**0.043**	**0.0037**	**0.019**	**0.014**	0.055	<0.0013	<0.0013	<0.0013	<0.63
SB-1, 80	80	2/26/2020	**0.20**	<4.9	**0.025 J**	**0.34**	**0.10**	**0.56**	<0.11	<1.1	<0.056	<0.056	<0.056	<28
SB-1, 85	85	2/26/2020	<0.12	<5.0	**0.00059 J**	**0.0015**	**0.00055 J**	**0.0029 J**	**0.0040**	**0.018 J**	<0.0012	<0.0012	<0.0012	<0.61
SB-1, 90	90	2/26/2020	<0.13	<4.9	**0.00041 J**	**0.0013**	**0.00023 J**	<0.0040	**0.0016 J**	**0.015 J**	<0.0013	<0.0013	<0.0013	<0.67
SB-1, 95	95	2/26/2020	<0.12	<5.0	**0.00049 J**	**0.0012 J**	**0.00044 J**	**0.0028 J**	**0.0073**	**0.027 J**	<0.0014	<0.0014	<0.0014	<0.71
SB-1, 100	100	2/26/2020	<0.12	<4.8	**0.0011**	**0.0052**	**0.00054 J**	**0.0031 J**	**0.0019 J**	**0.014 J**	<0.0011	<0.0011	<0.0011	<0.56
SB-1, 105	105	2/26/2020	**86**	**3.7 J,Z**	**0.13**	**2.7**	**1.1**	**6.3**	<0.11	<1.1	<0.055	<0.055	<0.055	<27
SB-1, 110	110	2/26/2020	<0.11	**3.9 J,Z**	**0.00025 J**	**0.0010 J**	**0.00019 J**	<0.0034	**0.00076 J**	**0.012 J**	<0.0011	<0.0011	<0.0011	<0.57
SB-1, 115	115	2/26/2020	<0.11	**4.2 J,Z**	**0.00017 J**	**0.00091 J**	**0.00040 J**	**0.0015 J**	**0.00040 J**	<0.021	<0.0010	<0.0010	<0.0010	<0.52
SB-1, 120	120	2/26/2020	**0.16**	<4.9	**0.0020**	**0.0045**	**0.0018**	**0.012**	**0.012**	**0.028**	<0.0010	<0.0010	<0.0010	<0.52
SB-1, 125	125	2/26/2020	**0.90 Z**	<4.9	**0.0011**	**0.011**	**0.0071**	**0.048**	**0.0069**	**0.024**	<0.0010	<0.0010	<0.0010	<0.50
SB-1, 130	130	2/26/2020	**0.42**	<4.8	<0.0011	**0.0033**	**0.0031**	**0.023**	**0.00042 J**	**0.018 J**	<0.0011	<0.0011	<0.0011	<0.53
SB-1, 135	135	2/26/2020	**0.14 Z**	<4.8	**0.0050**	**0.0073**	**0.0060**	**0.029**	**0.014**	**0.030**	<0.00093	<0.00093	<0.00093	<0.46
SB-1, 140	140	2/26/2020	**0.14**	<4.8	**0.0031**	**0.0015**	**0.0054**	**0.012**	**0.014**	**0.026 J**	<0.0014	<0.0014	<0.0014	<0.68

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS FOR PETROLEUM HYDROCARBONS,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)
			EPA Method 8015B		EPA Method 8260B									
Well Installation October 2020														
MW-1, 5	5	10/20/2020	<0.10	<5.2	**0.00046 J**	<0.0010	<0.0010	<0.0031	<0.0021	<0.021	<0.0010	<0.0010	<0.0010	<0.26
MW-1, 10	10	10/23/2020	<0.085	<4.8	<0.00098	<0.00098	<0.00098	<0.0029	<0.0020	<0.020	<0.00098	<0.00098	<0.00098	<0.24
MW-1, 15	15	10/23/2020	<0.095	<4.9	<0.00091	<0.00091	<0.00091	<0.0027	<0.0018	<0.018	<0.00091	<0.00091	<0.00091	<0.23
MW-1, 20	20	10/23/2020	<0.097	<4.9	**0.00026 J**	<0.0010	<0.0010	<0.0030	<0.0020	<0.020	<0.0010	<0.0010	<0.0010	<0.25
MW-1, 25	25	10/23/2020	**660**	**18 Z**	<0.20	<0.20	**0.77**	<0.60	<0.40	<4.0	<0.20	<0.20	<0.20	<50
MW-1, 30	30	10/23/2020	**1,600**	<4.9	<0.88	<0.88	**6.6**	**1.0 J**	<1.8	<18	<0.88	<0.88	<0.88	<220
MW-1, 35	35	10/23/2020	**0.77**	<5.0	**0.0018**	<0.00097	**0.039**	**0.0034**	**0.14**	**0.23**	<0.00097	<0.00097	<0.00097	<0.24
MW-1, 40	40	10/23/2020	**230**	<4.8	<0.043	<0.043	**0.47**	**0.032 J**	**0.13**	**0.32 J**	<0.043	<0.043	<0.043	<11
MW-1, 45	45	10/23/2020	**170**	<5.0	**0.013 J**	<0.045	**0.23**	<0.14	**0.15**	**0.50 J**	<0.045	<0.045	<0.045	<11
MW-1, 50	50	10/23/2020	**1,300**	<4.8	**0.14 J**	<0.24	**1.6**	**1.6**	**0.065 J**	<4.8	<0.24	<0.24	<0.24	<60
MW-1, 55	55	10/23/2020	**670**	**6.2 Z**	**0.33**	<0.24	**0.87**	**0.59 J**	**0.13 J**	<4.8	<0.24	<0.24	<0.24	<60
MW-1, 60	60	10/23/2020	**930**	**38 Z**	**0.57**	**0.66**	**2.4**	**9.8**	<0.83	<8.3	<0.41	<0.41	<0.41	<100
MW-1, 65	65	10/23/2020	**2.2**	<4.8	**0.0028**	**0.0012**	**0.0012**	**0.0025 J**	**0.0050**	**0.064**	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 70	70	10/23/2020	**0.068 J**	<4.8	<0.0011	<0.0011	<0.0011	<0.0034	**0.00041 J**	**0.022 J**	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 75	75	10/23/2020	**0.084 J**	<5.3	<0.0012	<0.0012	<0.0012	<0.0035	**0.0018 J**	**0.013 J**	<0.0012	<0.0012	<0.0012	<0.29
MW-1, 80	80	10/23/2020	**0.28**	<5.0	**0.00051 J**	<0.0012	<0.0012	<0.0036	**0.0012 J**	<0.024	<0.0012	<0.0012	<0.0012	<0.30
MW-1, 85	85	10/23/2020	<0.12	<4.8	<0.0011	<0.0011	**0.00059 J**	<0.0034	**0.00033 J**	<0.022	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 90	90	10/23/2020	<0.12	<4.7	**0.00043 J**	<0.0012	<0.0012	<0.0036	**0.0018 J**	<0.024	<0.0012	<0.0012	<0.0012	<0.30
MW-1, 95	95	10/23/2020	<0.12	<4.9	**0.00031 J**	<0.0011	<0.0011	<0.0032	**0.00047 J**	<0.022	<0.0011	<0.0011	<0.0011	<0.27
MW-1, 100	100	10/23/2020	**0.70**	<4.8	**0.00043 J**	**0.0026**	**0.0059**	**0.023**	**0.00026 J**	**0.015 J**	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 105	105	10/23/2020	<0.12	<4.8	<0.0011	<0.0011	<0.0011	<0.0034	**0.00045 J**	<0.023	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 110	110	10/23/2020	<0.12	<4.8	<0.0011	<0.0011	<0.0011	<0.0034	<0.0023	<0.023	<0.0011	<0.0011	<0.0011	<0.29
MW-1, 115	115	10/23/2020	**3.0**	<4.8	**0.00032 J**	<0.0011	<0.0011	<0.0033	<0.0022	<0.022	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 120	120	10/23/2020	<0.089	<5.2	<0.0010	<0.0010	<0.0010	<0.0031	**0.0030**	<0.021	<0.0010	<0.0010	<0.0010	<0.26
MW-1, 125	125	10/23/2020	<0.11	<4.9	**0.00044 J**	<0.0010	<0.0010	<0.0031	**0.0016 J**	<0.021	<0.0010	<0.0010	<0.0010	<0.26
MW-1, 130	130	10/23/2020	**0.092 J**	<5.0	<0.0011	<0.0011	<0.0011	<0.0033	<0.0022	<0.022	<0.0011	<0.0011	<0.0011	<0.28
MW-1, 135	135	10/23/2020	**0.17**	<5.0	<0.00095	<0.00095	<0.00095	<0.0029	**0.00061 J**	<0.019	<0.00095	<0.00095	<0.00095	<0.24
MW-1, 140	140	10/23/2020	**0.078 J**	<5.0	<0.0012	<0.0012	<0.0012	<0.0035	<0.0023	<0.023	<0.0012	<0.0012	<0.0012	<0.29
MW-1, 145	145	10/23/2020	**1.0**	--	<0.0010	<0.0010	<0.0010	<0.0030	<0.0020	<0.020	<0.0010	<0.0010	<0.0010	<0.25
MW-1, 150	150	10/23/2020	**0.86**	<5.2	<0.0010	<0.0010	**0.00041 J**	**0.00092 J**	<0.0020	<0.020	<0.0010	<0.0010	<0.0010	<0.25

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FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)
			EPA Method 8015B		EPA Method 8260B									
MW-2, 5	5	10/20/2020	<0.084	<5.0	**0.00050 J**	<0.00097	<0.00097	<0.0029	<0.0019	<0.019	<0.00097	<0.00097	<0.00097	<0.24
MW-2, 10	10	10/21/2020	<0.096	<5.1	**0.00043 J**	<0.0011	<0.0011	<0.0032	<0.0021	<0.021	<0.0011	<0.0011	<0.0011	<0.27
MW-2, 15	15	10/21/2020	<0.11	<5.2	**0.00028 J**	<0.0011	<0.0011	<0.0033	<0.0022	<0.022	<0.0011	<0.0011	<0.0011	<0.27
MW-2, 20	20	10/21/2020	<0.11	<5.1	<0.0010	<0.0010	<0.0010	<0.0030	<0.0020	<0.020	<0.0010	<0.0010	<0.0010	<0.25
MW-2, 25	25	10/21/2020	<0.086	<5.0	**0.00022 J**	<0.00085	<0.00085	<0.0026	<0.0017	<0.017	<0.00085	<0.00085	<0.00085	<0.21
MW-2, 30	30	10/21/2020	<0.091	<4.8	**0.00052 J**	<0.00090	<0.00090	<0.0027	<0.0018	<0.018	<0.00090	<0.00090	<0.00090	<0.22
MW-2, 35	35	10/21/2020	<0.084	<5.2	<0.00093	<0.00093	<0.00093	<0.0028	<0.0019	<0.019	<0.00093	<0.00093	<0.00093	<0.23
MW-2, 40	40	10/21/2020	<0.078	<5.2	<0.00090	<0.00090	<0.00090	<0.0027	<0.0018	<0.018	<0.00090	<0.00090	<0.00090	<0.23
MW-2, 45	45	10/21/2020	<0.089	<5.0	<0.00089	<0.00089	<0.00089	<0.0027	<0.0018	<0.018	<0.00089	<0.00089	<0.00089	<0.22
MW-2, 50	50	10/21/2020	<0.087	<4.9	<0.00084	<0.00084	<0.00084	<0.0025	<0.0017	<0.017	<0.00084	<0.00084	<0.00084	<0.21
MW-2, 55	55	10/21/2020	<0.090	<4.8	**0.00037 J**	<0.00087	<0.00087	<0.0026	<0.0017	<0.017	<0.00087	<0.00087	<0.00087	<0.22
MW-2, 60	60	10/21/2020	<0.094	<4.8	**0.00034 J**	<0.00097	<0.00097	<0.0029	<0.0019	<0.019	<0.00097	<0.00097	<0.00097	<0.24
MW-2, 65	65	10/21/2020	**0.88**	<5.2	**0.018**	**0.020**	**0.0057**	**0.035**	**0.015**	**0.011 J**	<0.00094	<0.00094	<0.00094	<0.23
MW-2, 70	70	10/21/2020	**3.9**	<4.6	**0.54**	**0.81**	**0.039**	**0.21**	**0.14**	**0.062**	<0.0011	<0.0011	<0.0011	<0.27
MW-2, 75	75	10/21/2020	**0.16**	<5.1	**0.00046 J**	<0.0013	**0.00028 J**	**0.0014 J**	**0.0035**	**0.048**	<0.0013	<0.0013	<0.0013	<0.31
MW-2, 80	80	10/21/2020	<0.12	<5.3	**0.00056 J**	<0.0013	<0.0013	<0.0038	**0.0020 J**	**0.021 J**	<0.0013	<0.0013	<0.0013	<0.32
MW-2, 85	85	10/21/2020	<0.12	<5.2	**0.00070 J**	<0.0012	**0.00026 J**	<0.0036	**0.0011 J**	**0.012 J**	<0.0012	<0.0012	<0.0012	<0.30
MW-2, 90	90	10/21/2020	<0.13	<5.1	**0.00061 J**	<0.0011	**0.00049 J**	**0.00095 J**	**0.0017 J**	**0.012 J**	<0.0011	<0.0011	<0.0011	<0.28
MW-2, 95	95	10/21/2020	<0.12	<5.3	**0.00052 J**	<0.0014	<0.0014	<0.0042	**0.0015 J**	**0.014 J**	<0.0014	<0.0014	<0.0014	<0.35
MW-2, 100	100	10/21/2020	<0.12	<5.2	<0.0012	<0.0012	<0.0012	<0.0035	**0.00097 J**	**0.013 J**	<0.0012	<0.0012	<0.0012	<0.29
MW-2, 105	105	10/21/2020	<0.12	<4.8	**0.00035 J**	<0.0012	**0.00043 J**	**0.0022 J**	**0.0011 J**	**0.0085 J**	<0.0012	<0.0012	<0.0012	<0.29
MW-2, 110	110	10/21/2020	<0.12	<5.2	**0.00067 J**	**0.0010 J**	**0.00035 J**	**0.0013 J**	**0.00069 J**	**0.0081 J**	<0.0012	<0.0012	<0.0012	<0.29
MW-2, 115	115	10/21/2020	<0.11	<4.7	**0.00034 J**	<0.0012	**0.00030 J**	**0.0013 J**	**0.0020 J**	**0.032**	<0.0012	<0.0012	<0.0012	<0.30
MW-2, 120	120	10/21/2020	**0.21**	<4.9	**0.00038 J**	**0.0010 J**	**0.00054 J**	**0.0040**	**0.012**	**0.080**	<0.0011	<0.0011	<0.0011	<0.27
MW-2, 125	125	10/21/2020	**0.34**	<5.0	**0.0063**	**0.0077**	**0.0042**	**0.025**	**0.029**	**0.089**	<0.00092	<0.00092	<0.00092	<0.23
MW-2, 130	130	10/21/2020	**0.072 J**	<4.9	**0.00044 J**	**0.00087 J**	**0.00050 J**	**0.0031 J**	**0.0019 J**	**0.041**	<0.0011	<0.0011	<0.0011	<0.27
MW-2, 135	135	10/21/2020	**0.28**	<5.2	**0.00069 J**	**0.0016**	**0.0013**	**0.0080**	**0.0036**	**0.066**	<0.0010	<0.0010	<0.0010	<0.26
MW-2, 140	140	10/21/2020	**0.22**	<4.7	**0.030**	**0.013**	**0.013**	**0.053**	**0.044**	**0.078**	<0.00095	<0.00095	<0.00095	<0.24
MW-2, 145	145	10/21/2020	**0.23**	<5.1	**0.0033**	**0.0038**	**0.0030**	**0.013**	**0.0098**	**0.018 J**	<0.00096	<0.00096	<0.00096	<0.24
MW-2, 150	150	10/21/2020	**0.064 J**	<5.1	**0.0013**	**0.0028**	**0.0018**	**0.0095**	**0.0056**	**0.012 J**	<0.00097	<0.00097	<0.00097	<0.24

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS FOR PETROLEUM HYDROCARBONS,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)
			EPA Method 8015B		EPA Method 8260B									
MW-3, 5	5	10/20/2020	<0.10	<4.8	<0.00098	<0.00098	<0.00098	<0.0030	<0.0020	<0.020	<0.00098	<0.00098	<0.00098	<0.25
MW-3, 10	10	10/27/2020	<0.078	<4.9	**0.00038 J**	<0.00078	<0.00078	<0.0023	<0.0016	<0.016	<0.00078	<0.00078	<0.00078	<0.20
MW-3, 15	15	10/27/2020	**0.058 J**	**200 Z**	**0.0011**	**0.00080 J**	<0.00097	<0.0029	<0.0019	<0.019	<0.00097	<0.00097	<0.00097	**0.065 J**
MW-3, 20	20	10/27/2020	<0.085	<4.9	**0.00045 J**	<0.00082	<0.00082	<0.0025	<0.0016	<0.016	<0.00082	<0.00082	<0.00082	<0.20
MW-3, 25	25	10/27/2020	<0.083	<4.8	**0.0014**	**0.00095**	**0.00020 J**	<0.0026	<0.0018	<0.018	<0.00088	<0.00088	<0.00088	<0.22
MW-3, 30	30	10/27/2020	**0.12**	<4.9	**0.0013**	**0.00086 J**	<0.00096	<0.0029	**0.011**	<0.019	<0.00096	<0.00096	<0.00096	<0.24
MW-3, 35	35	10/27/2020	**0.31**	<4.8	**0.00097**	<0.00078	**0.00040 J**	<0.0023	**0.042**	**0.050**	<0.00078	<0.00078	<0.00078	<0.20
MW-3, 40	40	10/27/2020	**0.077 J**	<4.9	<0.00079	<0.00079	<0.00079	<0.0024	**0.029**	**0.061**	<0.00079	<0.00079	<0.00079	<0.20
MW-3, 45	45	10/27/2020	**0.076 J**	<4.8	**0.0012**	**0.00094**	<0.00084	<0.0025	**0.031**	**0.042**	<0.00084	<0.00084	<0.00084	<0.21
MW-3, 50	50	10/27/2020	**0.072 J**	<4.9	**0.0012**	**0.00080**	**0.00084**	<0.0024	**0.028**	**0.020**	<0.00080	<0.00080	<0.00080	<0.20
MW-3, 55	55	10/27/2020	**0.18**	**6.3 Z**	**0.00025 J**	<0.00082	**0.00026 J**	<0.0025	**0.014**	**0.017**	<0.00082	<0.00082	<0.00082	<0.20
MW-3, 60	60	10/27/2020	**0.069 J**	<4.9	**0.0028**	**0.0019**	**0.00060 J**	**0.0011 J**	**0.0010 J**	**0.012 J**	<0.0010	<0.0010	<0.0010	<0.25
MW-3, 65	65	10/27/2020	**0.077 J**	<4.8	**0.0019**	**0.0012**	**0.00040 J**	<0.0028	**0.0014 J**	**0.0074 J**	<0.00093	<0.00093	<0.00093	<0.23
MW-3, 70	70	10/27/2020	**0.62**	**3.8 J,Z**	**0.041**	**0.0029**	**0.0085**	**0.011**	**0.021**	<0.017	<0.00087	<0.00087	<0.00087	<0.22
MW-3, 75	75	10/27/2020	<0.11	<4.9	**0.00079 J**	**0.0035**	**0.00042 J**	**0.0024 J**	**0.00092 J**	<0.024	<0.0012	<0.0012	<0.0012	<0.30
MW-3, 80	80	10/27/2020	<0.11	**7.6 Z**	**0.00062 J**	**0.0022**	**0.00050 J**	**0.0026 J**	**0.00025 J**	<0.022	<0.0011	<0.0011	<0.0011	<0.27
MW-3, 85	85	10/27/2020	<0.11	<4.9	**0.0019**	**0.011**	**0.0016**	**0.0096**	**0.0028**	<0.022	<0.0011	<0.0011	<0.0011	<0.28
MW-3, 90	90	10/27/2020	<0.11	<4.9	**0.00079 J**	**0.0034**	**0.00054 J**	**0.0021 J**	**0.00040 J**	<0.023	<0.0011	<0.0011	<0.0011	<0.28
MW-3, 95	95	10/27/2020	**0.11 J**	<4.9	**0.00069 J**	**0.0029**	**0.00063 J**	**0.0036**	**0.0016 J**	<0.024	<0.0012	<0.0012	<0.0012	<0.29
MW-3, 100	100	10/27/2020	**0.15**	<4.9	**0.0014**	**0.0089**	**0.0015**	**0.011**	**0.0036**	<0.022	<0.0011	<0.0011	<0.0011	<0.27
MW-3, 105	105	10/27/2020	<0.10	<4.9	**0.00031 J**	**0.0013**	**0.00033 J**	**0.0011 J**	**0.00036 J**	<0.020	<0.0010	<0.0010	<0.0010	<0.26
MW-3, 110	110	10/27/2020	<0.11	**8.3**	**0.00047 J**	**0.0016**	**0.00031 J**	**0.0011 J**	**0.00023 J**	<0.022	<0.0011	<0.0011	<0.0011	<0.27
MW-3, 115	115	10/27/2020	<0.093	**9.3**	**0.0024**	**0.011**	**0.0019**	**0.013**	**0.0059**	<0.019	<0.00093	<0.00093	<0.00093	<0.23
MW-3, 120	120	10/27/2020	**0.32**	**7.3**	**0.039**	**0.095**	**0.024**	**0.14**	**0.015**	<0.018	<0.00088	<0.00088	<0.00088	<0.22
MW-3, 125	125	10/27/2020	**0.11**	<4.8	**0.0067**	**0.0056**	**0.0052**	**0.020**	**0.0042**	<0.019	<0.00095	<0.00095	<0.00095	<0.24
MW-3, 130	130	10/27/2020	<0.10	<4.9	**0.00085 J**	**0.00083 J**	**0.00064 J**	**0.0027 J**	**0.00064 J**	<0.021	<0.0011	<0.0011	<0.0011	<0.27
MW-3, 135	135	10/28/2020	<0.10	<4.8	**0.00047 J**	**0.00077 J**	**0.00062 J**	**0.0031**	<0.0020	**0.0075 J**	<0.0010	<0.0010	<0.0010	**0.083 J**
MW-3, 140	140	10/28/2020	**0.084 J**	**4.1 J,Z**	**0.0018**	**0.00069 J**	**0.0035**	**0.0093**	**0.0072**	**0.0086 J**	<0.00087	<0.00087	<0.00087	**0.069 J**
MW-3, 145	145	10/28/2020	**0.071 J**	<5.1	**0.00068 J**	<0.00093	**0.00082 J**	**0.0027 J**	**0.0013 J**	<0.019	<0.00093	<0.00093	<0.00093	**0.070 J**
MW-3, 150	150	10/28/2020	<0.094	**5.7 Z**	**0.00027 J**	<0.00095	**0.00032 J**	**0.00084 J**	<0.0019	<0.019	<0.00095	<0.00095	<0.00095	<0.24

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS FOR PETROLEUM HYDROCARBONS,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (mg/kg)	TPH-d (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	Ethanol (mg/kg)
			EPA Method 8015B		EPA Method 8260B									

TPH-g	Total Petroleum Hydrocarbons as Gasoline.	bgs	Below ground surface.
TPH-d	Total Petroleum Hydrocarbons as Diesel.	mg/kg	Milligrams per kilogram.
MTBE	Methyl-tert-Butyl-Ether.	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
TBA	tert-Butyl alcohol.		
DIPE	Di-isopropyl ether.	Z	The chromatographic response does not resemble a typical fuel pattern.
ETBE	Ethyl-tert-Butyl-ether.	B	Compound was found in the blank and sample.
TAME	Tert-amyl-methyl ether.		
		--	Not analyzed.

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS FOR DETECTED VOCs,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	2-Butanone (mg/kg)	Carbon disulfide (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	1,2-Dichloroethane (mg/kg)	Isopropylbenzene (mg/kg)	Naphthalene (mg/kg)	n-Butylbenzene (mg/kg)	N-Propylbenzene (mg/kg)	p-Isopropyltoluene (mg/kg)	sec-Butylbenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)
			EPA Method 8260B														
Soil Boring Febraury 2020																	
SB-1, 5	5	2/25/2020	**0.0081 J**	**0.00028 J**	<0.022	<0.011	**0.00037 J,B**	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
SB-1,10	10	2/26/2020	**0.0068 J**	<0.00085	<0.017	<0.0085	<0.00085	<0.017	<0.00085	<0.00085	<0.0085	<0.00085	<0.0017	<0.00085	<0.00085	<0.0017	<0.0017
SB-1, 15	15	2/26/2020	**0.010 J**	<0.00092	<0.018	<0.0092	<0.00092	<0.018	<0.00092	<0.00092	<0.0092	<0.00092	<0.0018	<0.00092	<0.00092	<0.0018	<0.0018
SB-1, 20	20	2/26/2020	**0.013 J**	<0.0011	<0.023	<0.011	**0.00028 J,B**	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
SB-1, 25	25	2/26/2020	**0.0098 J**	<0.0011	<0.021	<0.011	<0.0011	**0.00033 J,B**	<0.0011	<0.0011	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	<0.0021	<0.0021
SB-1, 30	30	2/26/2020	**0.019 J**	<0.0011	<0.023	**0.0011 J**	<0.0011	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
SB-1, 35	35	2/26/2020	**0.023 J**	<0.00083	<0.017	<0.0083	<0.00083	<0.017	<0.00083	<0.00083	<0.0083	<0.00083	<0.0017	<0.00083	<0.00083	<0.0017	<0.0017
SB-1, 40	40	2/26/2020	**0.015 J**	<0.00083	<0.017	**0.00054 J**	<0.00083	**0.00026 J,B**	<0.00083	<0.00083	<0.0083	<0.00083	<0.0017	<0.00083	<0.00083	<0.0017	<0.0017
SB-1, 45	45	2/26/2020	**0.0063 J**	<0.00090	<0.018	<0.0090	<0.00090	<0.018	<0.00090	<0.00090	<0.0090	<0.00090	<0.0018	<0.00090	<0.00090	<0.0018	<0.0018
SB-1, 50	50	2/26/2020	**0.013 J**	<0.00093	<0.019	<0.0093	<0.00093	<0.019	<0.00093	<0.00093	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	<0.0019	<0.0019
SB-1, 55	55	2/26/2020	**0.029 J**	<0.00087	**0.0043 J**	**0.00042 J**	<0.00087	<0.017	<0.00087	<0.00087	<0.0087	**0.00023 J**	**0.00080 J**	<0.00087	<0.00087	<0.0017	<0.0017
SB-1, 60	60	2/26/2020	**0.064**	<0.00092	**0.023**	<0.0092	**0.00024 J**	<0.018	<0.00092	<0.00092	<0.0092	**0.00027 J**	**0.0013 J**	<0.00092	<0.00092	**0.0011 J**	<0.0018
SB-1, 65	65	2/26/2020	**0.048**	<0.00092	**0.0092 J**	<0.0092	<0.00092	<0.018	<0.00092	**0.00060 J**	**0.0021 J**	**0.0012**	**0.0020**	<0.00092	<0.00092	**0.012**	**0.0040**
SB-1, 70	70	2/26/2020	<47	<0.94	<19	<9.4	<0.94	<19	<0.94	**17**	**73**	**42**	**71**	**4.2**	<0.94	**720**	**150**
SB-1, 75	75	2/26/2020	**0.019 J**	<0.0013	<0.025	<0.013	<0.0013	<0.025	<0.0013	<0.0013	<0.013	<0.0013	<0.0025	<0.0013	<0.0013	**0.0020 J**	**0.00076 J**
SB-1, 80	80	2/26/2020	<2.8	<0.056	<1.1	<0.56	**0.022 J,B**	<1.1	<0.056	<0.056	**0.075 J**	**0.070**	**0.051 J**	<0.056	<0.056	**0.34**	**0.13**
SB-1, 85	85	2/26/2020	**0.013 J**	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	**0.00072 J**	<0.0024
SB-1, 90	90	2/26/2020	**0.0090 J**	<0.0013	<0.027	<0.013	<0.0013	<0.027	<0.0013	<0.0013	<0.013	<0.0013	<0.0027	<0.0013	<0.0013	<0.0027	<0.0027
SB-1, 95	95	2/26/2020	**0.026 J**	<0.0014	<0.028	<0.014	<0.0014	<0.028	<0.0014	<0.0014	<0.014	<0.0014	<0.0028	<0.0014	<0.0014	**0.00099 J**	<0.0028
SB-1, 100	100	2/26/2020	<0.056	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	**0.00078 J**	<0.0022
SB-1, 105	105	2/26/2020	<2.7	<0.055	<1.1	<0.55	<0.055	**0.017 J**	<0.055	**0.10**	**0.68**	**0.51**	**0.47**	**0.042 J**	**0.10**	**3.3**	**1.1**
SB-1, 110	110	2/26/2020	**0.018 J**	<0.0011	<0.023	<0.011	<0.0011	<0.023	<0.0011	**0.0011**	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
SB-1, 115	115	2/26/2020	**0.016 J**	<0.0010	<0.021	<0.010	<0.0010	<0.021	<0.0010	<0.0010	<0.010	<0.0010	<0.0021	<0.0010	<0.0010	**0.00080 J**	<0.0021
SB-1, 120	120	2/26/2020	**0.022 J**	<0.0010	**0.0047 J**	<0.010	<0.0010	<0.021	<0.0010	<0.0010	**0.0024 J**	<0.0010	<0.0021	<0.0010	<0.0010	**0.0022**	**0.00060 J**
SB-1, 125	125	2/26/2020	**0.039 J**	<0.0010	**0.0073 J**	<0.010	<0.0010	<0.020	<0.0010	**0.00092 J**	**0.013**	**0.0040**	**0.0043**	**0.00064 J**	**0.0014**	**0.041**	**0.012**
SB-1, 130	130	2/26/2020	**0.030 J**	<0.0011	**0.0053 J**	<0.011	<0.0011	<0.021	<0.0011	<0.0011	**0.011**	**0.0030**	**0.0027**	<0.0011	**0.0010 J**	**0.026**	**0.0080**
SB-1, 135	135	2/26/2020	**0.033 J**	<0.00093	**0.0091 J**	<0.0093	<0.00093	<0.019	<0.00093	<0.00093	**0.0072 J**	**0.00070 J**	**0.0011 J**	<0.00093	<0.00093	**0.011**	**0.0032**
SB-1, 140	140	2/26/2020	<0.068	<0.0014	<0.027	<0.014	<0.0014	<0.027	**0.0010 J**	<0.0014	**0.0037 J**	**0.00024 J**	<0.0027	<0.0014	<0.0014	**0.0061**	**0.0016 J**

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS FOR DETECTED VOCs,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	2-Butanone (mg/kg)	Carbon disulfide (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	1,2-Dichloroethane (mg/kg)	Isopropylbenzene (mg/kg)	Naphthalene (mg/kg)	n-Butylbenzene (mg/kg)	N-Propylbenzene (mg/kg)	p-Isopropyltoluene (mg/kg)	sec-Butylbenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)
			EPA Method 8260B														
Well Installation October 2020																	
MW-1, 5	5	10/20/2020	<0.021	<0.0010	<0.021	<0.010	<0.0010	<0.021	<0.0010	<0.0010	<0.010	<0.0010	<0.0021	<0.0010	<0.0010	<0.0021	<0.0021
MW-1, 10	10	10/23/2020	<0.020	<0.00098	<0.020	<0.0098	<0.00098	<0.020	<0.00098	<0.00098	<0.0098	<0.00098	<0.0020	<0.00098	<0.00098	<0.0020	<0.0020
MW-1, 15	15	10/23/2020	<0.018	<0.00091	<0.018	<0.0091	<0.00091	<0.018	<0.00091	<0.00091	<0.0091	<0.00091	<0.0018	<0.00091	<0.00091	<0.0018	<0.0018
MW-1, 20	20	10/23/2020	<0.020	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-1, 25	25	10/23/2020	<4.0	<0.20	<4.0	<2.0	<0.20	<4.0	<0.20	**0.90**	**1.9 J**	**1.6**	**2.0**	<0.20	**1.0**	**0.16 J**	<0.40
MW-1, 30	30	10/23/2020	<18	<0.88	<18	<8.8	<0.88	<18	<0.88	**3.0**	<8.8	**2.3**	**5.1**	**0.96**	**1.7**	**1.9**	**1.5 J**
MW-1, 35	35	10/23/2020	**0.14**	<0.00097	<0.019	**0.00093 J**	<0.00097	<0.019	<0.00097	**0.022**	<0.0097	**0.011**	**0.025**	**0.0024**	**0.020**	**0.0050**	**0.00062 J**
MW-1, 40	40	10/23/2020	<0.86	<0.043	<0.86	<0.43	<0.043	<0.86	<0.043	**0.26**	<0.43	**0.24**	**0.41**	**0.031 J**	**0.20**	**0.047 J**	<0.086
MW-1, 45	45	10/23/2020	<0.91	<0.045	<0.91	<0.45	<0.045	<0.91	<0.045	**0.16**	<0.45	**0.12**	**0.25**	<0.045	**0.14**	<0.091	<0.091
MW-1, 50	50	10/23/2020	<4.8	<0.24	<4.8	<2.4	<0.24	<4.8	<0.24	**1.5**	**2.5**	**1.8**	**2.4**	**1.5**	**1.2**	**6.9**	**0.82**
MW-1, 55	55	10/23/2020	<4.8	<0.24	<4.8	<2.4	<0.24	<4.8	<0.24	**0.76**	<2.4	**0.84**	**1.2**	**0.59**	**0.58**	**1.4**	**0.25 J**
MW-1, 60	60	10/23/2020	<8.3	<0.41	<8.3	<4.1	<0.41	<8.3	<0.41	**1.5**	**2.4 J**	**1.4**	**2.5**	**1.5**	**0.92**	**14**	**4.1**
MW-1, 65	65	10/23/2020	**0.038**	<0.0011	**0.0067 J**	**0.0029 J**	<0.0011	<0.022	<0.0011	<0.0011	<0.011	**0.00064 J**	**0.00093 J**	<0.0011	<0.0011	**0.0024**	<0.0022
MW-1, 70	70	10/23/2020	**0.011 J**	<0.0011	<0.023	<0.011	<0.0011	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
MW-1, 75	75	10/23/2020	**0.011 J**	<0.0012	<0.023	<0.012	<0.0012	<0.023	<0.0012	<0.0012	<0.012	<0.0012	<0.0023	<0.0012	<0.0012	<0.0023	<0.0023
MW-1, 80	80	10/23/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	**0.00087 J**	<0.0024
MW-1, 85	85	10/23/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-1, 90	90	10/23/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	<0.0024	<0.0024
MW-1, 95	95	10/23/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-1, 100	100	10/23/2020	**0.022**	<0.0011	<0.022	**0.00047 J**	<0.0011	<0.022	<0.0011	**0.0091**	**0.073**	**0.027**	**0.019**	**0.020**	**0.014**	**0.10**	**0.025**
MW-1, 105	105	10/23/2020	<0.023	<0.0011	<0.023	<0.011	<0.0011	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
MW-1, 110	110	10/23/2020	<0.023	<0.0011	<0.023	<0.011	<0.0011	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
MW-1, 115	115	10/23/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	**0.00086 J**	<0.0022	<0.0011	<0.0011	**0.0016 J**	<0.0022
MW-1, 120	120	10/23/2020	<0.021	<0.0010	<0.021	<0.010	<0.0010	<0.021	<0.0010	<0.0010	<0.010	<0.0010	<0.0021	<0.0010	<0.0010	<0.0021	<0.0021
MW-1, 125	125	10/23/2020	<0.021	<0.0010	<0.021	<0.010	<0.0010	<0.021	<0.0010	<0.0010	<0.010	<0.0010	<0.0021	<0.0010	<0.0010	<0.0021	<0.0021
MW-1, 130	130	10/23/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-1, 135	135	10/23/2020	**0.012 J**	<0.00095	<0.019	<0.0095	<0.00095	<0.019	<0.00095	<0.00095	<0.0095	**0.00043 J**	<0.0019	<0.00095	<0.00095	**0.00085 J**	<0.0019
MW-1, 140	140	10/23/2020	<0.023	<0.0012	<0.023	<0.012	<0.0012	<0.023	<0.0012	<0.0012	<0.012	<0.0012	<0.0023	<0.0012	<0.0012	<0.0023	<0.0023
MW-1, 145	145	10/23/2020	**0.011 J**	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	**0.00068 J**	<0.0020	<0.0010	<0.0010	**0.0014 J**	<0.0020
MW-1, 150	150	10/23/2020	<0.020	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	**0.00042 J**	<0.0020	<0.0010	<0.0010	**0.0017 J**	<0.0020

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS FOR DETECTED VOCs,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	2-Butanone (mg/kg)	Carbon disulfide (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	1,2-Dichloroethane (mg/kg)	Isopropylbenzene (mg/kg)	Naphthalene (mg/kg)	n-Butylbenzene (mg/kg)	N-Propylbenzene (mg/kg)	p-Isopropyltoluene (mg/kg)	sec-Butylbenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)
			EPA Method 8260B														
MW-2, 5	5	10/20/2020	<0.019	<0.00097	<0.019	<0.0097	<0.00097	<0.019	<0.00097	<0.00097	<0.0097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<0.0019
MW-2, 10	10	10/21/2020	<0.021	<0.0011	<0.021	<0.011	<0.0011	<0.021	<0.0011	<0.0011	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	<0.0021	<0.0021
MW-2, 15	15	10/21/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-2, 20	20	10/21/2020	<0.020	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-2, 25	25	10/21/2020	<0.017	<0.00085	<0.017	<0.0085	<0.00085	<0.017	<0.00085	<0.00085	<0.0085	<0.00085	<0.0017	<0.00085	<0.00085	<0.0017	<0.0017
MW-2, 30	30	10/21/2020	<0.018	<0.00090	<0.018	<0.0090	<0.00090	<0.018	<0.00090	<0.00090	<0.0090	<0.00090	<0.0018	<0.00090	<0.00090	<0.0018	<0.0018
MW-2, 35	35	10/21/2020	<0.019	<0.00093	<0.019	<0.0093	<0.00093	<0.019	<0.00093	<0.00093	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	<0.0019	<0.0019
MW-2, 40	40	10/21/2020	<0.018	<0.00090	<0.018	<0.0090	<0.00090	<0.018	<0.00090	<0.00090	<0.0090	<0.00090	<0.0018	<0.00090	<0.00090	<0.0018	<0.0018
MW-2, 45	45	10/21/2020	<0.018	<0.00089	<0.018	<0.0089	<0.00089	<0.018	<0.00089	<0.00089	<0.0089	<0.00089	<0.0018	<0.00089	<0.00089	<0.0018	<0.0018
MW-2, 50	50	10/21/2020	**0.0089 J**	<0.00084	<0.017	<0.0084	<0.00084	<0.017	<0.00084	<0.00084	<0.0084	<0.00084	<0.0017	<0.00084	<0.00084	<0.0017	<0.0017
MW-2, 55	55	10/21/2020	**0.010 J**	<0.00087	<0.017	**0.00042 J**	<0.00087	<0.017	<0.00087	<0.00087	<0.0087	<0.00087	<0.0017	<0.00087	<0.00087	<0.0017	<0.0017
MW-2, 60	60	10/21/2020	<0.019	<0.00097	<0.019	<0.0097	<0.00097	<0.019	<0.00097	<0.00097	<0.0097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<0.0019
MW-2, 65	65	10/21/2020	**0.028**	<0.00094	**0.0073 J**	<0.0094	<0.00094	<0.019	**0.0015**	<0.00094	<0.0094	**0.00048 J**	**0.0010 J**	<0.00094	<0.00094	**0.0074**	**0.0024**
MW-2, 70	70	10/21/2020	**0.018 J**	<0.0011	**0.0096 J**	<0.011	<0.0011	<0.021	<0.0011	**0.0011**	**0.015**	**0.0011**	**0.0029**	<0.0011	<0.0011	**0.026**	**0.0073**
MW-2, 75	75	10/21/2020	<0.025	<0.0013	<0.025	<0.013	<0.0013	<0.025	<0.0013	<0.0013	<0.013	<0.0013	<0.0025	<0.0013	<0.0013	**0.0011 J**	<0.0025
MW-2, 80	80	10/21/2020	<0.025	<0.0013	<0.025	<0.013	<0.0013	<0.025	<0.0013	<0.0013	<0.013	<0.0013	<0.0025	<0.0013	<0.0013	<0.0025	<0.0025
MW-2, 85	85	10/21/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	<0.0024	<0.0024
MW-2, 90	90	10/21/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-2, 95	95	10/21/2020	<0.028	<0.0014	<0.028	<0.014	<0.0014	<0.028	<0.0014	<0.0014	<0.014	<0.0014	<0.0028	<0.0014	<0.0014	<0.0028	<0.0028
MW-2, 100	100	10/21/2020	<0.023	<0.0012	<0.023	<0.012	<0.0012	<0.023	<0.0012	<0.0012	<0.012	<0.0012	<0.0023	<0.0012	<0.0012	<0.0023	<0.0023
MW-2, 105	105	10/21/2020	<0.023	<0.0012	<0.023	<0.012	<0.0012	<0.023	<0.0012	<0.0012	<0.012	<0.0012	<0.0023	<0.0012	<0.0012	**0.00086 J**	<0.0023
MW-2, 110	110	10/21/2020	<0.023	<0.0012	<0.023	<0.012	<0.0012	<0.023	<0.0012	<0.0012	<0.012	<0.0012	<0.0023	<0.0012	<0.0012	<0.0023	<0.0023
MW-2, 115	115	10/21/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	**0.00077 J**	<0.0024
MW-2, 120	120	10/21/2020	**0.017 J**	<0.0011	<0.021	<0.011	<0.0011	<0.021	<0.0011	<0.0011	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	**0.0012 J**	<0.0021
MW-2, 125	125	10/21/2020	**0.024**	<0.00092	<0.018	<0.0092	<0.00092	<0.018	<0.00092	<0.00092	**0.0080 J**	<0.00092	**0.00065 J**	<0.00092	<0.00092	**0.0080**	**0.0023**
MW-2, 130	130	10/21/2020	<0.021	<0.0011	<0.021	<0.011	<0.0011	<0.021	<0.0011	<0.0011	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	**0.0013 J**	<0.0021
MW-2, 135	135	10/21/2020	**0.019 J**	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	**0.0012**	<0.0020	<0.0010	<0.0010	**0.0064**	**0.0021**
MW-2, 140	140	10/21/2020	**0.012 J**	<0.00095	<0.019	<0.0095	<0.00095	<0.019	<0.00095	<0.00095	**0.011**	<0.00095	**0.00068 J**	<0.00095	<0.00095	**0.0094**	**0.0023**
MW-2, 145	145	10/21/2020	<0.019	<0.00096	<0.019	<0.0096	<0.00096	<0.019	<0.00096	<0.00096	**0.0051 J**	**0.00033 J**	<0.0019	<0.00096	<0.00096	**0.0045**	**0.0012 J**
MW-2, 150	150	10/21/2020	<0.019	<0.00097	<0.019	<0.0097	<0.00097	<0.019	<0.00097	<0.00097	<0.0097	<0.00097	<0.0019	<0.00097	<0.00097	**0.0032**	**0.00097 J**

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS FOR DETECTED VOCs,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	2-Butanone (mg/kg)	Carbon disulfide (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	1,2-Dichloroethane (mg/kg)	Isopropylbenzene (mg/kg)	Naphthalene (mg/kg)	n-Butylbenzene (mg/kg)	N-Propylbenzene (mg/kg)	p-Isopropyltoluene (mg/kg)	sec-Butylbenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)
			EPA Method 8260B														
MW-3, 5	5	10/20/2020	<0.020	<0.00098	<0.020	<0.0098	<0.00098	<0.020	<0.00098	<0.00098	<0.0098	<0.00098	<0.0020	<0.00098	<0.00098	<0.0020	<0.0020
MW-3, 10	10	10/27/2020	<0.016	<0.00078	<0.016	<0.0078	<0.00078	<0.016	<0.00078	<0.00078	<0.0078	<0.00078	<0.0016	<0.00078	<0.00078	<0.0016	<0.0016
MW-3, 15	15	10/27/2020	<0.019	<0.00097	<0.019	<0.0097	<0.00097	<0.019	<0.00097	<0.00097	<0.0097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<0.0019
MW-3, 20	20	10/27/2020	<0.016	<0.00082	<0.016	<0.0082	<0.00082	<0.016	<0.00082	<0.00082	<0.0082	<0.00082	<0.0016	<0.00082	<0.00082	<0.0016	<0.0016
MW-3, 25	25	10/27/2020	**0.0088 J**	<0.00088	<0.018	<0.0088	<0.00088	<0.018	<0.00088	<0.00088	<0.0088	<0.00088	<0.0018	<0.00088	<0.00088	<0.0018	<0.0018
MW-3, 30	30	10/27/2020	<0.019	<0.00096	<0.019	<0.0096	<0.00096	<0.019	<0.00096	<0.00096	<0.0096	<0.00096	<0.0019	<0.00096	<0.00096	<0.0019	<0.0019
MW-3, 35	35	10/27/2020	**0.025**	<0.00078	**0.0037 J**	<0.0078	<0.00078	<0.016	<0.00078	<0.00078	<0.0078	<0.00078	<0.0016	<0.00078	<0.00078	<0.0016	<0.0016
MW-3, 40	40	10/27/2020	**0.035**	<0.00079	**0.0040 J**	<0.0079	<0.00079	<0.016	<0.00079	<0.00079	<0.0079	<0.00079	<0.0016	<0.00079	<0.00079	<0.0016	<0.0016
MW-3, 45	45	10/27/2020	**0.031**	<0.00084	**0.0054 J**	<0.0084	<0.00084	<0.017	<0.00084	<0.00084	<0.0084	<0.00084	<0.0017	<0.00084	<0.00084	<0.0017	<0.0017
MW-3, 50	50	10/27/2020	**0.039**	<0.00080	**0.0087 J**	**0.00044 J**	<0.00080	<0.016	<0.00080	<0.00080	<0.0080	<0.00080	<0.0016	<0.00080	<0.00080	<0.0016	<0.0016
MW-3, 55	55	10/27/2020	**0.088**	<0.00082	**0.019**	<0.0082	<0.00082	<0.016	<0.00082	<0.00082	<0.0082	<0.00082	<0.0016	<0.00082	<0.00082	<0.0016	<0.0016
MW-3, 60	60	10/27/2020	**0.030**	<0.0010	**0.0075 J**	**0.0039 J**	<0.0010	<0.020	<0.0010	<0.0010	<0.010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-3, 65	65	10/27/2020	**0.042**	<0.00093	**0.0070 J**	**0.00094 J**	<0.00093	<0.019	<0.00093	<0.00093	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	<0.0019	<0.0019
MW-3, 70	70	10/27/2020	**0.0091 J**	<0.00087	<0.017	**0.00053 J**	<0.00087	<0.017	<0.00087	<0.00087	<0.0087	<0.00087	**0.00056 J**	<0.00087	<0.00087	**0.0017**	<0.0017
MW-3, 75	75	10/27/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	<0.0024	<0.0024
MW-3, 80	80	10/27/2020	**0.011 J**	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	**0.00067 J**	<0.0022
MW-3, 85	85	10/27/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	**0.0031**	**0.00084 J**
MW-3, 90	90	10/27/2020	<0.023	<0.0011	<0.023	<0.011	<0.0011	<0.023	<0.0011	<0.0011	<0.011	<0.0011	<0.0023	<0.0011	<0.0011	<0.0023	<0.0023
MW-3, 95	95	10/27/2020	<0.024	<0.0012	<0.024	<0.012	<0.0012	<0.024	<0.0012	<0.0012	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	**0.0021 J**	<0.0024
MW-3, 100	100	10/27/2020	<0.022	<0.0011	<0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	**0.0039**	**0.0010 J**
MW-3, 105	105	10/27/2020	<0.020	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-3, 110	110	10/27/2020	<0.022	<0.0011	0.022	<0.011	<0.0011	<0.022	<0.0011	<0.0011	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0022
MW-3, 115	115	10/27/2020	<0.019	<0.00093	<0.019	<0.0093	<0.00093	<0.019	<0.00093	<0.00093	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	**0.0027**	**0.00067 J**
MW-3, 120	120	10/27/2020	<0.018	<0.00088	<0.018	<0.0088	<0.00088	<0.018	**0.0021**	**0.00062 J**	**0.014**	**0.00031 J**	**0.0017 J**	<0.00088	<0.00088	**0.021**	**0.0055**
MW-3, 125	125	10/27/2020	**0.012 J**	<0.00095	<0.019	<0.0095	<0.00095	<0.019	<0.00095	<0.00095	**0.0051 J**	**0.00031 J**	**0.00074 J**	<0.00095	<0.00095	**0.0066**	**0.0019**
MW-3, 130	130	10/27/2020	<0.021	<0.0011	<0.021	<0.011	<0.0011	<0.021	<0.0011	<0.0011	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	**0.00084 J**	<0.0021
MW-3, 135	135	10/28/2020	**0.011 J**	<0.0010	<0.020	<0.010	<0.0010	<0.020	<0.0010	<0.0010	<0.010	<0.0010	<0.0020	<0.0010	<0.0010	**0.0018 J**	<0.0020
MW-3, 140	140	10/28/2020	**0.0087 J**	<0.00087	<0.017	<0.0087	<0.00087	<0.017	**0.0019**	<0.00087	<0.0087	**0.00057 J**	**0.00053 J**	<0.00087	<0.00087	**0.0055**	**0.00092 J**
MW-3, 145	145	10/28/2020	<0.019	<0.00093	<0.019	<0.0093	<0.00093	<0.019	**0.00042 J**	<0.00093	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	**0.0013 J**	<0.0019
MW-3, 150	150	10/28/2020	<0.019	<0.00095	<0.019	<0.0095	<0.00095	<0.019	<0.00095	<0.00095	<0.0095	<0.00095	<0.0019	<0.00095	<0.00095	**0.00081 J**	<0.0019

bgs Below ground surface.
mg/kg Milligrams per kilogram.
Detected VOCs Volatile organic compounds by 8260B, excluding BTEX and fuel oxygenates, which are reported on Table 2.

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B Compound was found in the blank and sample.

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS FOR PAHs
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	1-Methylnaphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo[g,h,i]perylene (mg/kg)	Benzo[k]fluoranthene (mg/kg)	Benzo[a]anthracene (mg/kg)	Benzo[a]pyrene (mg/kg)	Benzo[b]fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno[1,2,3-cd]pyrene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
			EPA Method 8270C SIM																	
SB-1, 5	5	2/25/2020	<0.020 F2	<0.020 F2	<0.020 F2	<0.020 F2	<0.020 F2	<0.020 F2	<0.020	<0.020 F2	<0.020	<0.020	<0.020 F2	<0.020 F2	<0.020 F2	<0.020 F2	<0.020 F2	**0.0025 J, F2**	<0.020 F2	<0.020 F2
SB-1, 10	10	2/26/2020	**0.0020 J**	**0.0033 J**	**0.0030 J**	<0.020	**0.0048 J**	**0.0039 J**	**0.0062 J**	**0.0076 J**	**0.0049 J**	**0.0053 J**	**0.0059 J**	**0.0049 J**	**0.0049 J**	**0.0060 J**	**0.0048 J**	**0.0022 J**	**0.0060 J**	**0.0048 J**

feet bgs Feet below ground surface.
mg/kg Milligrams per kilogram.
PAHs Polycylic aromatic hydrocarbons.
J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2 MS/MSD RPD exceeds control limits.

TABLE 4 GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Well Number	Date		Elevation TOC (feet amsl)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-1	SCREEN INTERVAL (feet bgs): 128-148																
MW-1	11/09/20	a	123.48	133.48	-10.00	0.00	**43 J**	**20 J,Z**	<0.50	<0.50	<0.50	<1.0	**1.5**	**16**	<0.50	<0.50	<0.50
MW-2	SCREEN INTERVAL (feet bgs): 130-150																
MW-2	11/09/20	a	126.11	136.11	-10.00	0.00	**14,000**	**870 Z**	**890**	**1,600**	**1,200**	**5,700**	**440**	**760**	<50	<50	<50
MW-3	SCREEN INTERVAL (feet bgs): 130-150																
MW-3	11/09/20	a	126.17	136.10	-9.93	0.00	**1,100**	**140 Z**	**70**	**48**	**80**	**260**	**17**	**18**	<0.50	<0.50	<0.50

TOC	Top of casing.	a	Well purged prior to sampling.
LPH	Liquid-phase hydrocarbons.		
TPH-g	Total Petroleum Hydrocarbons as gasoline.	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
TPH-d	Total Petroleum Hydrocarbons as diesel.	Z	The chromatographic response does not resemble a typical fuel pattern.
MTBE	Methyl tertiary butyl ether.		
TBA	Tertiary butyl alcohol.	µg/L	Micrograms per liter.
DIPE	Diisopropyl ether.		
ETBE	Ethyl tertiary butyl ether.	amsl	above mean sea level
TAME	Tert-amyl-methyl ether.		

TABLE 5 GROUNDWATER ANALYTICAL RESULTS FOR DETECTED VOCs,
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Well ID	Date		Acetone (µg/L)	c-1,2-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	Isopropylbenzene (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Butylbenzene (µg/L)	N-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
MW-1	11/9/2020	a	<8.0	<0.50	**1.6**	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	11/9/2020	a	<800	<50	<50	<50	<100	**570**	<50	**110**	<50	<50	1,200	**400**
MW-3	11/9/2020	a	**4.7 J**	**0.46 J**	**7.0**	**2.7**	**0.23 J**	**50**	**3.2**	**7.3**	**1.7**	**0.65**	**67**	**18**

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

µg/L Micrograms per liter.

TABLE 6 HISTORICAL GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER MOBIL SERVICE STATION 18MRC,
25808 NARBONNE AVE, LOMITA, CALIFORNIA

Sample Location	Depth (feet bgs)	Date	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	1,2-Dichloroethane (µg/L)	Ethyl-benzene (µg/L)	Isopropylbenzene (µg/L)	MTBE (µg/L)	m,p-Xylene (µg/L)	Naphthalene (µg/L)	n-Butylbenzene (µg/L)	N-Propylbenzene (µg/L)	o-Xylene (µg/L)	p-Isopropyltoluene (µg/L)	sec-Butylbenzene (µg/L)	TBA (µg/L)	Toluene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Total Xylenes (µg/L)
			EPA Method 8015B		EPA Method 8260B																	
SB-1	138	2/26/2020	3,900 Z	710 Z	62	0.99 J,B	8.5	240	13	74	790	210	38	52	230	3.6	7.4	78	260	570	150	1,000

TPH-g	Total Petroleum Hydrocarbons as Gasoline.	bgs	Below ground surface.
TPH-d	Total Petroleum Hydrocarbons as Diesel.	mg/kg	Milligrams per kilogram.
MTBE	Methyl-tert-Butyl-Ether.	EPA	Environmental Protection Agency.
TBA	tert-Butyl alcohol.	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate
DIPE	Di-isopropyl ether.		value.
ETBE	Ethyl-tert-Butyl-ether.	B	Compound was found in the blank and sample.
TAME	Tert-amyl-methyl ether.	Z	The chromatographic response does not resemble a typical fuel pattern.

Appendix A

Agency Correspondence

September 8, 2020

ExxonMobil Oil Corporation
Attn: Ms. Marla D. Madden
8941 Atlanta Avenue, #384
Huntington Beach, CA 92646

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO.: **7018 1130 0001 5911 2536**

Hanukah, Inc.
Attn: Mr. Vahid Vahdat
25808 South Narbonne Avenue
Lomita, CA 90717

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO.: **7018 1130 0001 5911 2543**

Mr. Bharat Bhattarai
Agent for Service of Process for
Petroleum Management & Marketing
28441 Highridge Road, Suite 101
Rolling Hills Estate, CA 90274

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO.: **7018 1130 0001 5911 2550**

UNDERGROUND STORAGE TANK PROGRAM – REVIEW OF WELL INSTALLATION WORK PLAN

PACIFIC SHELL SERVICE STATION (FORMER SAFAR EXXON-MOBIL AND MOBIL SERVICE STATION #18-MRC)
25808 SOUTH NARBONNE AVENUE, LOMITA
(CASE NO. I-05152C) (GLOBAL ID NO. T10000013273)

Dear Ms. Madden, Mr. Vahdat, and Mr. Bhattarai,

The California Regional Water Quality Control Board, Los Angeles Region (Los Angeles Regional Board), is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within Los Angeles and Ventura counties. As such, the Los Angeles Regional Board is the lead regulatory agency for overseeing corrective actions (assessment and/or monitoring activities) and cleanup of releases from leaking underground storage tank (UST) systems at the subject site (Site).

Pursuant to Health and Safety Code Section 25296.10, ExxonMobil Oil Corporation, Hanukah, Inc., and Petroleum Management & Marketing (collectively "Responsible Parties") are required to take corrective actions (i.e. Preliminary Site Assessment, Soil and Water Investigation, Corrective Action Plan Implementation, and Verification

Monitoring) to ensure protection of human health, safety, and the environment. Corrective action requirements are set forth in California Code of Regulations (CCR), Title 23, Chapter 16, Sections 2720 through 2727.

Los Angeles Regional Board staff has received the document titled "Well Installation Work Plan, 25808 Narbonne Avenue, Lomita, California 93620, Case No. I-05152C" (Work Plan) dated August 13, 2020, prepared by ETIC, on behalf of ExxonMobil Oil Corporation and Hanukah, Inc. Los Angeles Regional Board staff has reviewed the Work Plan and other information in our case file for the Site.

Review of Site Assessment Report

In February 2020, ETIC oversaw the advancement of one soil boring at the Site to 140 feet below ground surface (bgs). Groundwater was encountered in the soil boring at approximately 138 feet bgs. Soil samples were collected in the soil boring at five-foot intervals beginning at five feet bgs. A grab groundwater sample was also collected in the soil boring. Soil and grab groundwater samples were submitted to an analytical laboratory to be tested for total petroleum hydrocarbons as gasoline (TPHg) and as diesel (TPHd) by modified Environmental Protection Agency (EPA) Method 8015B and for the full list of volatile organic compounds (VOCs), including fuel oxygenates, by EPA Method 8260B. Laboratory results for the soil samples indicated maximum concentrations of TPHg of 4,700 milligrams per kilogram (mg/kg), TPHd of 66 mg/kg, benzene of 130 mg/kg, toluene of 2,200 mg/kg, ethylbenzene of 410 mg/kg, xylenes of 2,400 mg/kg, naphthalene of 73 mg/kg, methyl tertiary butyl ether (MTBE) of 0.062 mg/kg, and tertiary butyl alcohol (TBA) of 0.034 mg/kg. Laboratory results for the grab groundwater sample indicated concentrations of TPHg of 3,900 micrograms per liter (µg/L), TPHd of 710 µg/L, benzene of 62 µg/L, toluene of 260 µg/L, ethylbenzene of 240 µg/L, xylenes of 1,000 µg/L, naphthalene of 210 µg/L, MTBE of 74 µg/L, and TBA of 78 µg/L.

Review of Well Installation Work Plan

To determine the extent of soil and groundwater contamination at the Site, ETIC proposes to advance three soil borings (MW-1, MW-2, and MW-3) to approximately 150 feet below ground surface (bgs). All three soil borings will be advanced using a drill rig equipped with hollow-stem augers. Soil samples will be collected in each boring at five-foot depth intervals for geologic logging, field screening purposes, and for chemical testing. Soil samples collected for chemical testing will be analyzed for TPHg and TPHd by modified EPA Method 8015B and for the full list of volatile organic compounds (VOCs) by EPA Method 8260B. Upon reaching the proposed total depth, each soil boring will be completed as a groundwater monitoring well screened from approximately 130 to 150 feet bgs. The newly installed monitoring wells will be developed no sooner than 72 hours after well installation activities have been completed. Monitoring and sampling activities will be completed at the Site no sooner than 48 hours after the completion of well development activities. Groundwater samples will be submitted to analytical laboratory

and tested for TPHg and TPHd by modified EPA Method 8015B and for VOCs, including MTBE and TBA, by EPA Method 8260B. The top of casing and location of each new monitoring well will be surveyed by a state-licensed surveyor.

Los Angeles Regional Board Comments (per CCR, Title 23, Chapter 16, §2724)

The Responsible Parties must jointly comply with Los Angeles Regional Board requirements. Los Angeles Regional Board staff encourages the Responsible Parties to work together to meet Los Angeles Regional Board requirements.

Los Angeles Regional Board staff concurs with the Work Plan, provided the following conditions are met:

1. Los Angeles Regional Board staff concurs with the locations and advancement of the three proposed soil borings at the Site and completion of those soil borings as groundwater monitoring wells.

2. Soil samples shall be collected in all proposed borings at five-foot intervals beginning at five feet bgs, at changes in soil lithology, and at areas of obvious contamination for lithological logging, field screening, and chemical testing purposes. All soil samples collected must be field screened for petroleum hydrocarbons using either a Photoionization Detector (PID) or a Flame Ionization Detector (FID). Soil samples collected at five-foot intervals in each boring must be collected and preserved in accordance with EPA Method 5035 and submitted to an analytical laboratory for chemical testing.

3. The construction and development of groundwater monitoring wells must comply with requirements prescribed in the California Well Standards (Bulletin 74-90), published by the California Department of Water Resources (can be viewed at https://archive.org/details/protectwellst7490calirich/page/n11/mode/2up). Borings not completed as groundwater monitoring wells must be properly sealed per Section 23 of the California Well Standard.

4. The professional in responsible charge shall review the borings logs and assume responsibility for their accuracy and completeness.

5. All groundwater monitoring wells must be surveyed to a benchmark for known elevation above mean sea level by a California-licensed land surveyor.

6. The Responsible Parties are required to submit a technical report detailing the results of the well installation activities to the Los Angeles Regional Board by **December 7, 2020**. The report must include, at a minimum, a scaled site map, soil boring logs, soil analytical results, a summary of field activities, an evaluation of the data, and recommendations. Based on the data, additional site investigation activities may be required.

Groundwater Monitoring Requirement (CCR, Title 23, Chapter 16, §2725)

Following completion of the installation and development of groundwater monitoring wells at the Site, the Responsible Parties are required to commence a semi-annual groundwater monitoring program at the Site and must meet the following requirements:

7. All new and existing groundwater monitoring wells associated with the Site must be monitored. Groundwater monitoring and submission of semi-annual monitoring reports shall be conducted according to the following schedule:

Reporting Period	**Report Due Date**
January – June	July 15th
July – December	January 15th

The semi-annual groundwater monitoring report for the reporting period of July 2020 through December 2020 is due to the Los Angeles Regional Board by **January 15, 2021**.

General Requirements

8. Soil and groundwater samples must be analyzed by Cal-LUFT GC/FID or Cal-LUFT GC/MS Method for TPHg and TPHd, and by EPA Method 8260B for benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, and fuel oxygenate compounds including MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and TBA. Sampling for ethanol is also required and shall be analyzed by either method above. If a waste oil UST was used at the Site, the full suite of aromatic and chlorinated analytes must also be tested and reported per EPA Method 8260B. The analytical detection limits must conform to the Los Angeles Regional Board General Laboratory Testing Requirements (9/06) (http://www.waterboards.ca.gov/losangeles/publications_forms/forms/ust/lab_forms/labreq9-06.pdf). All respective analytical methods must be certified by the California Environmental Laboratory Accreditation Program (ELAP). All analytical data must be reported by a California-certified laboratory.

9. Analytical data reported for environmental samples collected during investigations related to the Site must be reported with the lowest possible reporting and method detection limits. If the test result is non-detect above the detection limit, the reporting format of "< MDL number" must be implemented.

10. The contractor who conducts the environmental work as required in this directive shall, at all times, comply with all applicable State laws, rules, regulations, and local ordinances specifically including, but not limited to, environmental, procurement, and safety laws, rules, regulations, and ordinances. The contractor shall obtain the

services of a Professional Geologist or Engineer, Civil (PG/PE-Civil) to comply with the applicable requirements of the Business and Professions Code, sections 6700 et seq. and/or 7800 et seq. implementing regulations for engineering or geological analysis and interpretation for this case. All documents prepared by the contractor that reflect or rely upon engineering or geological interpretations by the contractor shall be signed and stamped by the PG/PE-Civil indicating her/his responsibility for them, as required by the Business and Professions Code.

11. The Responsible Parties are required to obtain all necessary permits from the appropriate agencies and make all required notifications prior to the start of work.

12. Please provide Los Angeles Regional Board staff a minimum of **10 days** advance notice by email (jamesw.ryan@waterboards.ca.gov)prior to commencing any field work.

Regulatory Requirement for Electronic Submission of Laboratory Data to the State GeoTracker Internet Database

On September 30, 2004, the State Water Resources Control Board (State Board) adopted the resolution to revise regulations in Chapter 30, Division 3 of Title 23 of CCR, which requires persons to ensure electronic submission of laboratory analytical data (i.e., soil or water chemical analysis) and locational data (i.e., location and elevation of groundwater monitoring wells) via the Internet to the State Board's GeoTracker database. The regulations and other background information are available at http://geotracker.waterboards.ca.gov.

In accordance with the regulations, the Responsible Parties must upload the following information to the State Board's GeoTracker database: reports and work plans (in PDF format), laboratory analytical data (in electronic data format [EDF]), monitoring event information in GEO_WELL format, an updated site map (GEO_MAP) showing any monitoring well locations, boring logs in PDF (GEO_BORE) to be used to link to well locations, monitoring well latitude and longitude (GEO_XY) survey data, and monitoring well elevation data (GEO_Z). Hard copy paper reports, which have already been electronically uploaded to the GeoTracker data base, are no longer required to be submitted to the Los Angeles Regional Board.

Enforcement

Pursuant to Health and Safety Code section 25299, subdivision (d), any person who violates any corrective action requirement established by, or issued pursuant to, section 25296.10 is liable for a civil penalty of not more than ten thousand dollars ($10,000) for each underground storage tank for each day of violation. A civil penalty may be imposed by civil action pursuant to Health and Safety Code section 25299, subdivision (d)(2) or imposed administratively by the Los Angeles Regional Board pursuant to California Water

Code (CWC) sections 13323 through 13328. The Los Angeles Regional Board may also request that the Attorney General seek judicial civil liabilities or injunctive relief pursuant to CWC sections 13264, 13304, and 13340. The Los Angeles Regional Board reserves its rights to take any further enforcement action authorized by law.

If you have any questions regarding this matter, please contact Dr. Weixing Tong at (213) 576-6715 or at weixing.tong@waterboards.ca.gov, or Mr. James W. Ryan IV at (213) 576-6711 or at jamesw.ryan@waterboards.ca.gov.

Sincerely,

R Purdy
Digitally signed by R Purdy
Date: 2020.09.07 09:59:25 -07'00'
Water Boards

Renee Purdy
Executive Officer

cc: Ric Roda, State Water Resources Control Board, Division of Drinking Water
Joe Liles, Water Replenishment District of Southern California
Tim Smith, Los Angeles County Department of Public Works, Environmental Program Division
Carla Dillon, City of Lomita, Department of Public Works
Ryan Haughy, ETIC
George Zoumalan, Ramtox Corporation

Appendix B

Historical Soil Data

LABORATORY ANALYSIS

Representative soil samples collected from the area beneath the former underground gasoline storage tank and stockpiled soil were analyzed for TPH using the DHS-approved method. Select soil samples were analyzed for BTEX using EPA method 8020 and for total recoverable petroleum hydrocarbons (TRPH) using EPA method 418.1. Results of laboratory analysis are presented in Table 2. Copies of the official Laboratory Reports and Chain of Custody Records are included in Appendix B.

Table 2

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES COLLECTED FROM THE GASOLINE TANK CAVITY AND STOCKPILED SOIL

Sample No.	Depth (feet)	TPH (ppm)	TRPH (ppm)	B (ppm)	T (ppm)	E (ppm)	X (ppm)
A-1	9.0	ND	---	---	---	---	---
A-2	11.0	ND	---	---	---	---	---
B-1	9.0	ND	ND	ND	ND	ND	ND
B-2	11.0	ND	---	---	---	---	---
C-1	--	ND	---	---	---	---	---
C-2	9.5	ND	---	---	---	---	---

Notes: TPH = total petroleum hydrocarbons
TRPH = total recoverable petroleum hydrocarbons
B = Benzene, T = Toluene
E = Ethylbenzene, X = Xylenes
ppm = parts per million
ND = not detected (refer to official Laboratory Reports for detection limits)
--- = not analyzed

FINDINGS

Soils within the tank cavity are composed of sandy clay, silty sand, and clay. Ground water was not encountered during excavation activities and is believed to be present at a depth approximately 150 feet below grade.

Laboratory analysis of soil samples collected from beneath the former gasoline storage tank indicates that TRPH, TPH, and BTEX are either not present or are below detectable limits.

Following tank removal, six soil samples were collected. Four samples were collected from beneath the former storage tank (Soil Samples A-1, A-2, B-1, and B-2), one sample from beneath the former product lines (Soil Sample C-2), and one sample from the stockpiled soil (Soil Sample C-1). Sampling locations are shown in Figure 2.

Table 1

RESULTS OF LABORATORY ANALYSIS OF SLUDGE SAMPLE COLLECTED FROM UNDERGROUND GASOLINE STORAGE TANK

Sample No.	Date	TPH (ppm)	B (ppm)	T (ppm)	E (ppm)	X (ppm)
ML-1	8/07/89	41	0.19	0.02	0.05	0.06

Notes: TPH = total petroleum hydrocarbons
B = Benzene, T = Toluene
E = Ethylbenzene, X = Xylenes
ppm = parts per million

All soil samples were collected in stainless steel 1.5-inch-diameter sample tubes, sealed with Teflon, capped, placed on ice, and delivered to an onsite state-certified mobile laboratory for analysis.

SITE GEOLOGY

The site is located at an elevation of approximately 120 feet above mean sea level (NGVD-1929). Sediments beneath the site are Quaternary nonmarine terrace deposits composed of sandy clay from grade to 7 feet below grade, silty sand from 7 to 9 feet below grade, and clay from 9 to 11 feet below grade.

Ground water was not encountered during sampling activities at the site (maximum depth of 11 feet below grade). Six ground water wells are located a quarter-mile south of the site at Cypress and 262nd Streets, Lomita. These are Los Angeles County Department of Public Works Well No.s 271B, 271L, 271N, 271P, and 281C. Ground water was encountered in these wells at approximately 200 feet below grade. The elevation of ground water within the Silverado Aquifer is approximately 32 feet below mean sea level (NGVD-1929) (Watermaster Service in the West Coast Basin, Los Angeles County, State of California Department of Water Resources, September 1988).

Chemical Research Laboratories, Inc.
MOBILE DIVISION
11631 Seaboard Circle • Stanton, CA 90680
(714) 891-0405 • FAX: (714) 893-6709 • (800) LAB-1CRL

LABORATORY REPORT

TO:
Mobil Oil Corporation
3800 W. Alameda Ave., Ste. 700
Burbank, CA 91505-4331
ATTN: Mr. Michael Anselmo
PROJECT:
Mobil Station #11-MRC, Narbonne & PCH, City of Lomita

ANALYSIS NO.: D020288-1/2
DATE SAMPLED: 2/2/88
DATE REC'D: 2/2/88
BATCH: D-133
MATRIX: Soil

Results (mg/kg)

Sample Identification	Total Recoverable Hydrocarbons (EPA418.1)
SP1	2660.
WO1	21.

DATE RECEIVED BY MOBIL
FEB 1 1988
CO 197 DISBURSEMENT APPROVAL
WOODFIELD ENGINEERING CENTER
LOCATION LOS ANGELES

Note: Samples were received intact and with the chain of custody.

By Walter Berger
Reviewed and approved

2-4-88
Date

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited

TABLE 1

CHEMICAL ANALYSIS OF SOIL SAMPLES
MOBIL SREVICE STATION # 18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

(soil - mg/kg)

SOIL BORING	SAMPLE NUMBER	DEPTH (feet BGS)	DATE SAMPLED	TOTAL PETROLEUM HYDROCARBONS (TPH) [1]	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH) [2]	BENZENE [1]	TOLUENE [1]	ETHYL BENZENE [1]	TOTAL XYLENES [1]	METHYL TERT-BUTYL ETHER (MTBE) [1]
B-1	B1-5	5	07/09/97	ND<1.0 [3]	--- [4]	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B1-10	10	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B1-15	15	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B1-20	20	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B1-25	25	07/09/97	ND<1.0	---	0.11	ND<0.005	0.038	0.13	ND<1.0
	B1-30	30	07/09/97	1.4	---	0.32	ND<0.005	0.10	0.16	ND<1.0
	B1-35	35	07/09/97	450	---	4.2	26	12	67	ND<1.0
	B1-40	40	07/09/97	76	---	1.1	4.8	1.4	8.4	ND<1.0
	B1-45	45	07/09/97	710	---	7.6	39	13	75	1.6 [5]
	B1-50	50	07/09/97	4600	---	33	290	88	520	ND<20
	B1-55	55	07/09/97	3200	---	29	240	79	440	ND<6.0
	B1-60	60	07/09/97	1700	---	9.2	100	43	250	ND<5.0
	B1-65	65	07/09/97	650	---	5.6	30	9.4	59	3 [5]
	B1-70	70	07/09/97	6800	---	51	330	110	630	ND<16
B-2	B2-5	5	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B2-10	10	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B2-15	15	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B2-20	20	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B2-25	25	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B2-30	30	07/09/97	ND<1.0	---	0.016	ND<0.005	0.013	0.051	ND<1.0
	B2-35	35	07/09/97	ND<1.0	---	0.094	0.010	0.014	0.031	ND<1.0
	B2-40	40	07/09/97	ND<1.0	---	ND<0.005	0.0054	ND<0.005	ND<0.015	ND<1.0
	B2-45	45	07/09/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B3	B3-10	10	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B3-15	15	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B3-20	20	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B3-30	30	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B3-35	35	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B3-40	40	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B4	B4-5	5	07/09/97	ND<5.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	---
	B4-10	10	07/09/97	ND<5.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	---
B5	B5-5	5	07/09/97	ND<5.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	---
	B5-10	10	07/09/97	ND<5.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	---
	B5-15	15	07/09/97	ND<5.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	---

TABLE 1

CHEMICAL ANALYSIS OF SOIL SAMPLES
MOBIL SREVICE STATION # 18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

(soil - mg/kg)

SOIL BORING	SAMPLE NUMBER	DEPTH (feet BGS)	DATE SAMPLED	TOTAL PETROLEUM HYDROCARBONS (TPH) [1]	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH) [2]	BENZENE [1]	TOLUENE [1]	ETHYL BENZENE [1]	TOTAL XYLENES [1]	METHYL TERT-BUTYL ETHER (MTBE) [1]
B6	B6-5 [6][7]	5	07/09/97	---	12	---	---	---	---	---
	B6-10 [7]	10	07/09/97	---	8.9	---	---	---	---	---
	B6-15 [7]	15	07/09/97	---	10	---	---	---	---	---
B7	B7-5	5	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-15	15	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-20	20	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-25	25	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-30	30	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-35	35	07/10/97	ND<1.0	---	0.022	0.015	0.010	0.054	ND<1.0
	B7-40	40	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B7-45	45	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B8	B8-5	5	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-10	10	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-15	15	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-20	20	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-25	25	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-30	30	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-35	35	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B8-40	40	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B9	B9-5	5	07/10/97	ND<1.0	18	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-10 [6]	10	07/10/97	ND<1.0	50	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-15 [6][7]	15	07/10/97	ND<1.0	14	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-20 [7]	20	07/10/97	ND<1.0	34	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-25	25	07/10/97	ND<1.0	17	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-30	30	07/10/97	ND<1.0	14	0.039	ND<0.005	0.0065	ND<0.015	ND<1.0
	B9-35	35	07/10/97	750	---	3.2	9.2	12	72	54 [5]
	B9-40	40	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-45	45	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-50	50	07/10/97	800	---	0.21	0.35	2.1	11	ND<1.0
	B9-55	55	07/10/97	ND<1.0	---	0.012	0.0097	0.0032	0.019	ND<1.0
	B9-60	60	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-65	65	07/10/97	ND<1.0	---	0.024	0.032	ND<0.005	0.018	ND<1.0
	B9-70	70	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-75	75	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-80	80	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-85	85	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-90	90	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0

TABLE 1

CHEMICAL ANALYSIS OF SOIL SAMPLES
MOBIL SREVICE STATION # 18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

(soil - mg/kg)

SOIL BORING	SAMPLE NUMBER	DEPTH (feet BGS)	DATE SAMPLED	TOTAL PETROLEUM HYDROCARBONS (TPH) [1]	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH) [2]	BENZENE [1]	TOLUENE [1]	ETHYL BENZENE [1]	TOTAL XYLENES [1]	METHYL TERT-BUTYL ETHER (MTBE) [1]
B9 (cont'd)	B9-95	95	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B9-100	100	07/10/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B10	B10-10	10	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-15	15	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-20	20	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-25	25	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-30	30	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-35	35	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-40	40	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-45	45	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-50	50	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-55	55	07/11/97	ND<1.0	---	0.027	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-60	60	07/11/97	ND<1.0	---	0.011	0.0076	ND<0.005	ND<0.015	ND<1.0
	B10-65	65	07/11/97	1.2	---	ND<0.005	ND<0.005	ND<0.005	0.020	ND<1.0
	B10-70	70	07/11/97	1100	---	0.35	2.1	2.0	6.5	ND<1.0
	B10-75	75	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-80	80	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-85	85	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B10-90	90	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
B11	B11-5	5	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-10	10	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-15	15	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-20	20	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-25	25	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-30	30	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-35	35	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-40	40	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-45	45	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-50	50	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-55	55	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-60	60	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-65	65	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-70	70	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0
	B11-75	75	07/11/97	ND<1.0	---	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<1.0

TABLE 1

CHEMICAL ANALYSIS OF SOIL SAMPLES
MOBIL SREVICE STATION # 18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

(soil - mg/kg)

SOIL BORING	SAMPLE NUMBER	DEPTH (feet BGS)	DATE SAMPLED	TOTAL PETROLEUM HYDROCARBONS (TPH) [1]	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH) [2]	BENZENE [1]	TOLUENE [1]	ETHYL BENZENE [1]	TOTAL XYLENES [1]	METHYL TERT-BUTYL ETHER (MTBE) [1]

Notes:

[1] Soil samples analyzed for TPH modified for gasoline (borings B4 and B5 were modified for diesel) and benzene, toluene, ethylbenzene, total xylenes, and MTBE in general accordance with EPA Method Nos. 8015M and 8020A, respectively.

[2] Soil samples analyzed for TRPH in general accordance with EPA Method No. 418.1.

[3] ND = Not Detected

[4] — = Not Analyzed

[5] Soil samples B1-45, B1-65 and B9-35 were analyzed for MTBE using EPA Method 8020A and confirmed using EPA 8260 (B1-45 = < 0.25 mg/kg; B1-65 = < 0.25 mg/kg; B9-35 = < 0.25 mg/kg) (Appendix E)

[6] Soil samples B6-5, B9-10 and B9-15 were analyzed for Title 22 Metals in general accordance with EPA Method No. 6010 (Appendix E).

[7] Soil samples were analyzed for halogenated VOCs in general accordance with EPA Method No. 8010. Halogenated VOCs were not detected (Appendix E).

TABLE 2

MOBIL OIL CORPORATION
SERVICE STATION #18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Reporting Limit ug/Kg (ppb)	Sample Result				
		B6-3	B6-10	B6-15	B9-15	B9-20
Bromodichloromethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Bromoform	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Bromomethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Carbon tetrachloride	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Chlorobenzene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Chloroethane	25	N. D.	N. D.	N. D.	N. D.	N. D.
2-Chloroethylvinyl ether	25	N. D.	N. D.	N. D.	N. D.	N. D.
Chloroform	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Chloromethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Dibromochloromethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,2-Dichlorobenzene	10	N. D.	N. D.	N. D.	N. D.	N. D.
1,3-Dichlorobenzene	10	N. D.	N. D.	N. D.	N. D.	N. D.
1,4-Dichlorobenzene	10	N. D.	N. D.	N. D.	N. D.	N. D.
Dichlorodifluoromethane	10	N. D.	N. D.	N. D.	N. D.	N. D.
1,1-Dichloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,2-Dichloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,1-Dichloroethene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
cis-1,2-Dichloroethene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
tra n s-1,2-Dichloroethene.	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,2-Dichloropropane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
cis-1,3-Dichloropropene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
tra n s-1,3-Dichloropropene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Methylene chloride	20	N. D.	N. D.	N. D.	N. D.	N. D.
1,1,1,2-Tetrachloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,1,2,2-Tetrachloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Tetrachloroethene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,1,1-Trichloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
1,1,2-Trichloroethane	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Trichloroethene	5.0	N. D.	N. D.	N. D.	N. D.	N. D.
Trichlorofluoromethane	10	N. D.	N. D.	N. D.	N. D.	N. D.
Vinyl chloride	5.0	N. D.	N. D.	N. D.	N. D.	N. D.

Analytes reported as N.D. were not present at or above the reporting limit.

TABLE 3

MOBIL OIL CORPORATION
SERVICE STATION #18-MRC
25808 NARBONNE AVENUE
LOMITA, CALIFORNIA

CALIFORNIA CODE OF REGULATIONS, TITLE 22 METALS

Analyte	EPA Method	STLC Max. Limit mg/L (ppm)	TTLC Max. Limit mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	TTLC Sample Result mg/Kg (ppm)		
					B6-5	B9-10	B9-15
Antimony	6010	15	500	5.0	N.D.	N.D.	N.D.
Arsenic	6010	5.0	500	1.0	N.D.	N.D.	N.D.
Barium	6010	100	10000	0.50	200	120	87
Beryllium	6010	0.75	75	0.10	N.D.	N.D.	N.D.
Cadmium	6010	1.0	100	0.10	0.93	0.59	0.73
Chromium, VI	7196	5.0	500	0.25	N.D.	N.D.	N.D.
Chromium, total	6010	5.0	2500	0.50	19	13	10
Cobalt	6010	80	8000	0.50	5.2	3.8	2.9
Copper	6010	25	2500	0.50	23	13	9.5
Lead	6010	5.0	1000	1.0	2.2	N.D.	N.D.
Mercury	7471	0.20	20	0.020	N.D.	N.D.	N.D.
Molybdenum	6010	350	3500	0.50	1.9	1.9	1.1
Nickel	6010	20	2000	0.50	20	12	11
Selenium	6010	1.0	100	1.0	N.D.	N.D.	N.D.
Silver	6010	5.0	500	0.50	N.D.	N.D.	N.D.
Thallium	6010	7.0	700	5.0	N.D.	N.D.	N.D.
Vanadium	6010	24	2400	0.50	31	23	12
Zinc	6010	250	5000	0.50	41	27	18

Analytes reported as N.D. were not present at or above the reporting limit.

Table 1
Summary of Confirmation Soil Analytical Results
Safar Exxon-Mobil
Lomita, California

Sample ID	Depth (feet)	Date	EPA 8015m TPHg (mg/Kg)	EPA Method 8260b (ug/kg)									
				Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol
D-1-5'	5	01/08/03	nd	nd	nd	nd	nd	3.4	nd	nd	nd	nd	nd
D-2-7'	7	01/08/03	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
D-3-5'	5	01/08/03	nd	0.94	0.77	nd	nd	nd	nd	nd	nd	nd	nd
D-4-5'	5	01/08/03	nd	1.2	nd	nd	nd	nd	nd	nd	nd	nd	nd
PL-1-5'	5	01/08/03	nd	1.2	nd	nd	nd	nd	nd	nd	nd	nd	nd
PL-2-5'	5	01/08/03	nd	0.98	nd	nd	nd	nd	nd	nd	nd	nd	nd
PL-3-6'	6	01/08/03	nd	1.2	1.0	nd	nd	nd	nd	nd	nd	nd	nd
PL-4-5'	5	01/08/03	nd	nd	nd	nd	nd	8.6	nd	nd	nd	nd	nd
PL-5-6'	6	01/08/03	nd	1.1	nd	nd	nd	nd	nd	nd	nd	nd	nd

Note: MTBE = Methyl-t-butyl Ether
TBA = Tert-Butyl Alcohol
DIPE = Diisopropyl Ether
ETBE = Ethyl-t-Butyl Ether
TAME = Tert-Amyl-Methyl Ether
D = dispenser island
PL = product line
nd = non-detect

4.0 LABORATORY ANALYTICAL RESULTS

The soil sample taken on June 24, 2009, was analyzed by EPA Method 418.1 for Total Recoverable Petroleum Hydrocarbons and by EPA Method 8260B for Volatile Organic Compounds (VOCs), including Benzene, Toluene, Ethylbenzene, Xylenes, MTBE and Oxygenated Compounds, as required by the LADPW. All laboratory analyses were performed by C&E Laboratories. These laboratory analytical results are summarized below in Table 1. A copy of the complete laboratory analytical results and the chain of custody document are included in Appendix C.

Table 1
UST Soil Sampling Laboratory Analytical Results

Sample Number	Sample Location	Sample Depth (feet)	*TRPH* EPA Method 418.1 (ppm)	*VOCs* EPA Method 8260B ug/Kg (ppb)
TB-1	UST excavation bottom	10	85	Benzene – ND (<2) Toluene – ND (<1) Ethylbenzene – ND (<1) Xylenes – ND (<1) MTBE – ND (<2)

ND = Not Detected at detection levels reported in Appendix C.

The 418.1 laboratory analytical results indicate that a low level of TRPH was detected in the one soil sample collected beneath the removed UST. The detected level of TRPH (85 ppm) is not believed to represent a significant environmental concern and is below generally accepted levels which would require further assessment or remedial action under the current service station setting.

The 8260B laboratory analytical results indicate that volatile aromatic compounds associated with hydrocarbons or MTBE were not detected in the one soil sample collected beneath the removed UST.

In addition, visual observations of the removed UST and the resultant excavation, as well as the soil screenings with the PID, did not indicate the presence of significant hydrocarbon contamination in the soils around the removed UST. Therefore, further soil assessment activities relating to the removed waste oil UST is not recommended.

TABLE -1 SUMMARY OF SOIL ANALYTICAL RESULTS
Pacific Shell Service Station – 25808 Narbonne Ave., Lomita California

Results reported in mg/kg (ppm)			Results reported in µg/kg (ppb)									
Sample ID	TPH-g	TPH-d	Benzene	Ethylbenz	Toluene	Xylenes	MTBE	DIPE	TAME	ETBE	TBA	Ethanol
Vent box	ND<0.1	NA	**3.38J**	ND<1.0	**1.08J**	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
UDC 7/8	ND<0.1	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
UDC 3/4	ND<0.1	NA	ND<1.0	ND<1.0	**1.38J**	**0.72J**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
UDC 1/2	ND<0.1	NA	**3.72J**	**1.03J**	**9.21J**	**8.6J**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
UDC5/6	ND<0.1	NA	**1.06J**	ND<1.0	**0.57J**	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
Trans box	**0.189J**	NA	**1.23J**	**1.72J**	**8.82J**	**12.36J**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
P-1	**0.21J**	NA	**21.4**	**21.4**	**147**	**116.6**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<500
1A	**2,950**	**168**	ND<1490	**76,100**	**91,600**	**611,000**	ND	ND	ND	ND	ND	**41,300,000**
1B	ND<0.1	**2.8**	ND<1.0	ND<1.0	**1.14J**	**2.67J**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	**1,870**
2A	ND<0.1	ND<1.0	**1.14J**	ND<1.0	**1.37J**	**1.42**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**108**	ND<500
2B	ND<0.1	ND<1.0	**1.29J**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**65.7**	ND<500
3A	ND<0.1	ND<1.0	**1.43J**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**106**	ND<500
3B	ND<0.1	ND<1.0	**1.45J**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**64.5**	ND<500
Field blank	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<250

EPA analysis includes 8015M for gasoline and diesel range petroleum hydrocarbons and 8260B-5035 for volatile hydrocarbons, oxygenates and ethanol. samples were collected 3/1/2016 and 3/2/ 2016. TPH-g is gasoline range (C4-C12) hydrocarbons; TPH-d is diesel range (C13-C22) hydrocarbons.
J denotes estimated values that fall between method detection limits and practical quantitation limits. NA is not analyzed. Field blank was aqueous

TABLE 1
SOIL ANALYTICAL DATA
Shell-Branded Service Station
25808 Narbonne Avenue, Lomita, CA

Sample ID and Depth (feet)	TPPH (µg/kg)	TPH-D (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	TBA (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)	Ethanol (µg/kg)	Naphthalene (µg/kg)
GP-1	1/4/2018												
5	ND<38	**22***	ND<0.77	ND<0.77	ND<0.77	ND<0.77	ND<1.5	ND<15	ND<0.77	ND<0.77	ND<0.77	ND<380	ND<7.7
10	ND<38	**7.4***	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<1.5	ND<15	ND<0.76	ND<0.76	ND<0.76	ND<380	ND<7.6
15	ND<48	ND<5.0	ND<0.97	ND<0.97	ND<0.97	ND<0.97	ND<1.9	**38**	ND<0.97	ND<0.97	ND<0.97	ND<480	ND<9.7
20	ND<43	ND<5.0	ND<0.85	ND<0.85	ND<0.85	ND<0.85	ND<1.7	ND<17	ND<0.85	ND<0.85	ND<0.85	ND<430	ND<8.5
25	**41**	**11***	ND<0.79	ND<0.79	ND<0.79	ND<0.79	ND<1.6	ND<16	ND<0.79	ND<0.79	ND<0.79	ND<400	ND<7.9
30	**2,800**	**9.8***	**460**	**900**	**96**	**420**	**5.8**	**20**	ND<0.78	ND<0.78	ND<0.78	ND<390	**14**
GP-2	1/4/2018												
5	**55**	ND<5.0	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<1.9	**23**	ND<0.95	ND<0.95	ND<0.95	ND<480	ND<9.5
10	ND<42	ND<5.0	ND<0.84	ND<0.84	ND<0.84	ND<0.84	ND<1.7	ND<17	ND<0.84	ND<0.84	ND<0.84	ND<420	ND<8.4
15	**47**	**6.0***	ND<0.88	ND<0.88	ND<0.88	ND<0.88	ND<1.8	ND<18	ND<0.88	ND<0.88	ND<0.88	ND<440	ND<8.8
20	ND<42	ND<5.0	ND<0.83	ND<0.83	ND<0.83	ND<0.83	ND<1.7	ND<17	ND<0.83	ND<0.83	ND<0.83	ND<420	ND<8.3
25	ND<41	ND<5.0	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<1.6	ND<16	ND<0.82	ND<0.82	ND<0.82	ND<410	ND<8.2
30	ND<42	**7.2***	ND<0.85	ND<0.85	ND<0.85	ND<0.85	ND<1.7	ND<17	ND<0.85	ND<0.85	ND<0.85	ND<420	ND<8.5
GP-3	1/4/2018												
5	ND<46	ND<5.0	ND<0.91	ND<0.91	ND<0.91	ND<0.91	ND<1.8	ND<18	ND<0.91	ND<0.91	ND<0.91	ND<460	ND<9.1
10	**47**	ND<5.0	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<1.8	**150**	ND<0.89	ND<0.89	ND<0.89	ND<440	ND<8.9
15	ND<46	ND<5.0	**0.98**	ND<0.92	ND<0.92	ND<0.92	ND<1.8	**110**	ND<0.92	ND<0.92	ND<0.92	ND<460	ND<9.2
20	ND<38	ND<5.0	ND<0.76	ND<0.76	ND<0.76	ND<0.76	ND<1.5	ND<15	ND<0.76	ND<0.76	ND<0.76	ND<380	ND<7.6
25	**41**	ND<5.0	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<1.6	ND<16	ND<0.80	ND<0.80	ND<0.80	ND<400	ND<8.0
30	ND<41	ND<5.0	**1.9**	**1.1**	ND<0.82	ND<0.82	ND<1.6	ND<16	ND<0.82	ND<0.82	ND<0.82	ND<410	ND<8.2

Notes:

* - The chromatographic pattern was inconsistent with the profile of the reference fuel standard.

ND - Not detected (less than detection limit)

MTBE – methyl tertiary butyl ether

TBA – tertiary butyl alcohol

DIPE – diisopropyl ether

ETBE – ethyl tertiary butyl ether

TAME – tertiary amyl methyl ether

Appendix C

Soil Boring Permit

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

Work Plan Approval

TO BE COMPLETED BY APPLICANT:

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
25808 Narbonne Ave	Lomita	90717	zspahn@exxonmobil.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- ALL FIELD WORK MUST BE CONDUCTED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF CALIFORNIA.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- ***ONCE APPROVED NOTIFY BELINDA LARSEN AT blarsen@ph.lacounty.gov PREFERABLY 4 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.***

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

X WORK PLAN APPROVED SR0234667 (3 Monitoring Well Constructions) DATE: 9-25-2020

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Well constructions must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90) and the Los Angeles County Code, Title 11.
- Notify me by e-mail at blarsen@ph.lacounty.gov prior to start of field work.
- Drillers shall submit their well completion reports to the Department of Water Resources through the Online System of Well Completion Reports (OSWCR) at https://civicnet.resources.ca.gov/DWR_WELLS.

5838
Belinda Larsen R.E.H..S
818-593-7308

□ ANNULAR SEAL FINAL INSPECTION REQUIRED		□ WELL COMPLETION LOG REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature

□ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED		□ WATER QUALITY—CHEMICAL STANDARDS REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature

□ WATER SUPPLY YIELD REQUIRED		□ OTHER REQUIREMENT	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature

Appendix D

Field Procedures

PROTOCOLS FOR WELL DRILLING, COMPLETION, DEVELOPMENT, AND SAMPLING

DRILLING

Prior to drilling, all boreholes are cleared of underground utilities to a depth of at least 8 feet below ground surface (bgs) in "non-critical zones" and in "critical zones." Per ExxonMobil Subsurface Clearance Protocol, the critical zones are defined as locations that are within 10 feet from the farthest edge of any underground storage tank (UST), within 10 feet of the product dispenser islands, the entire area between the UST field and the product dispenser islands, and within 10 feet of any underground utility. For wells, a 10-inch circle to a 24-inch circle or a 2-foot by 2-foot square will be cut in the surface cover at each well location. A hole, greater than the diameter of the drilling tool being used, will then be cleared at each soil boring location, using a hand auger or vacuum excavation system. The vacuum system consists of a water lance or air-knife, used to loosen native soil by injecting water or air into the soil, and a vacuum, used to remove the soil.

Boreholes are drilled with a truck-mounted rotary drill, using hollow-stem continuous-flight augers. The diameter of the augers is selected to provide an annular space between the boring wall and the well casing of no less than 2 inches.

All augers are pressure-washed or steam-cleaned before drilling begins and before each new borehole is drilled. All drill cuttings are either placed on and covered with plastic sheeting or contained in sealed 55-gallon drums. All fluids generated during cleaning of drilling equipment or during well development are contained in sealed 55-gallon drums. All waste generated during drilling activities is stored onsite until appropriate disposal is arranged. The drums are labeled with the site description (including the owner's name) and date. The drill cuttings are disposed of at a proper ExxonMobil-approved facility based on results of soil sample analysis.

During drilling, an ETIC geologist generates a soil boring log for each borehole. The boring logs contain detailed geological information, including descriptions of the soils classified according to the Unified Soil Classification System (USCS), blow counts for soil sampling intervals, photoionization detector (PID) or vapor analyzer (OVA) readings, relative moisture content of the soils, and initial and static water levels.

SOIL SAMPLING

Soil samples are collected using a 2-inch-diameter by 18- or 24-inch-long modified California split-spoon sampler containing three or four 6-inch-long brass or stainless steel liners. The sampler and liners are scrubbed in potable water with Alconox or equivalent detergent and double rinsed with potable water after use at each sampling interval.

At each sample depth, the sampler is driven 18 or 24 inches ahead of the augers into undisturbed soil. When the sampler is retrieved, either the lowermost or the middle sample liner is removed and the ends of the tube are covered with Teflon tape and sealed with plastic caps. If EPA Method 5035 is required, then 5 to 20 grams of soil is extracted from the sample and placed in methanol-preserved or sodium bisulfate-preserved containers supplied by the laboratory, or sub-samples are collected using En Core® samples. The soil-filled liner, preserved sample, or En

Core® sample is labeled with the borehole number, sample depth, site location, date, and time. The samples are placed in zip-lock bags and stored in a cooler containing ice.

Soil from one of the liners is removed and placed in a sealed plastic bag. The soil is scanned with an OVA equipped with a flame ionization detector or photo ionization detector and the readings are noted on the soil boring logs. The soil from the remaining liner(s) is examined and classified according to the USCS.

Soil samples are delivered, under chain of custody, to a laboratory certified by the California Department of Health Services for analyses.

WELL INSTALLATION

The boreholes are completed as groundwater monitoring wells, vapor extraction wells, groundwater extraction wells, or air sparging wells. The wells are typically constructed by installing Schedule 40 polyvinyl chloride (PVC) flush-threaded casing through the inner opening of the auger. The screened interval consists of slotted casing of the appropriate slot size and length placed at depths depending on soil conditions encountered during drilling and the depth to groundwater. A threaded end plug or a slip cap secured with a stainless steel screw is placed on the bottom of the well.

A filter pack of clean sand of appropriate size is placed in the annular space around the well screen to approximately 1 to 2 feet above the top of the screen. The sand is placed through the inner opening of the augers as they are slowly removed. A transitional seal is completed above the sand pack by adding 2 to 3 feet of bentonite chips and hydrating them with water. A surface seal is then created by placing bentonite grout from the top of the bentonite seal to approximately 18 inches below the ground surface.

The well is finished at the surface with a slightly raised, traffic-rated, watertight steel box set in approximately 18 inches of concrete. The traffic box is secured with bolts and the casing is further secured with a locking well cap.

WELL DEVELOPMENT

The wells are developed no less than 72 hours after completion or prior to establishing the bentonite seal during the drilling activities. Development typically consists of surging the screened interval of the well with a flapper valve surge block of the same diameter as the well for approximately 10 minutes. The well is then purged using one of the following methods: a vacuum truck and a dedicated PVC stinger, disposable tubing, an inertial pump, a submersible electric pump, a centrifugal pump, an air-lift pump, or a stainless steel or PVC bailer until at least 3 casing volumes are removed and the water is free of silt and apparent turbidity.

A record of the purging methods and volumes of water purged is maintained. All purge water is contained onsite in properly labeled 55-gallon drums. Purged water is transported to an appropriate treatment facility.

GROUNDWATER SAMPLING

The wells are developed at least 72 hours after grout placement and sampled at least 48 hours after development. Prior to groundwater sample collection and depending on site-specific conditions, each well is purged until at least 3 casing volumes are removed or a non-purge sample is collected. Wells that purge dry are allowed to recover prior to sampling. The pH, specific conductivity, and temperature of the groundwater removed are recorded during purging to ensure that the physical parameters are stable prior to sampling. All samples are collected with a factory cleaned disposable bailer. The bailer is operated by hand using new rope or Teflon-coated stainless steel wire. The sampling personnel wear clean Nitrile gloves during sampling operations and while handling sample bottles.

The groundwater samples are emptied from the bailer directly into the sample bottles with a bottom-emptying device. The samples are collected in 40-milliliter glass volatile organic analysis (VOA) vials and/or 1-liter amber bottles with Teflon-lined septum caps as appropriate. The sample bottles contain appropriate preservatives, typically hydrochloric acid. VOA vials are filled to the top of the bottle so that there are no air bubbles.

The sample bottles are labeled with the well number, date, location, sampler's initials, and preservative used. The sample vials are placed in a cooler with ice for delivery to the laboratory. Standard chain-of-custody procedures are followed.

WELL SURVEY

The elevation of the top of the well casing is surveyed by state licensed land surveyor. A small notch is cut in the top of the well casing to mark the survey point and to establish the point used for all future water level measurements. A loop originating and ending at the datum is closed to ±0.01 feet according to standard methods. All survey data are collected in accordance with AB2886.

Appendix E

Boring Logs

ETIC
CONSULT ENGINEER CONSTRUCT

LOG OF SOIL BORING: MW-1

COORDINATES: N1745883.73 :E6464496.22

ELEVATION TOP OF CASING: 123.48

CASING BELOW SURFACE: 0.48

DRILLING COMPANY: Cascade Drilling, L.P.

LICENSE NUMBER: C-57 License No. 1058336

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

DRILLING AND SAMPLING METHODS: Borehole cleared to 8' bgs using an air knife, and sample collected in place at 5' bgs. Borehole advanced and sampled utilizing a Hollow Stem Auger (HSA) rig equipped with a 8" O.D. auger from 8' bgs to the total depth of 150' bgs. Borehole advanced with a 10" O.D. auger and completed as a single groundwater motinoring well.

				START	FINISH
WATER LEVEL	▽ 133.1	▼ 133.3			
TIME	1325	1220		TIME 0845	TIME 1100
DATE	10/23/20	10/28/20		DATE 10/23/20	DATE 10/27/20
REFERENCE	GS	TOC			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: A. Chien

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	AC/AB	3" Asphalt
6	6		0.0	5	ML	SANDY SILT: dark yellow brown (10YR, 4/4); trace clay, soft, low plasticity, moist.
18	18	7 11 13	0.6	10	CL	CLAY: dark yellowish brown (10YR, 3/4); trace silt, soft, low plasticity, moist.
18	18	10 10 12	0.5	15	SP	SAND: dark yellowish brown (10YR, 3/6); coarse grained sand, trace cobbles, loose, moist.

DETAILS

- Traffic rated 10 in lid
- Concrete Cap from 0.0 to 1.0 ft
- 95% Portland Cement / 5% Bentonite Grout from 1.0 to 122 ft
- 4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 128 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	14	11 15	0.5	21		SAND: dark yellowish brown (10YR, 3/6); coarse grained sand, trace cobbles, loose, moist.
		15		22	SP	
				23		
				24		
18	18	11 13	545.3	25		CLAY: very dark greenish gray (GLEY1, 3/10Y); soft, low plasticity, moist.
		15		26		
				27	CL	
				28		
				29		
18	18	13 15	979.2	30		SILTY SAND: greenish black, (GLEY1, 2.5, 10Y); fine to medium grained sand, trace clay, loose moist.
		18		31		
				32		
				33		
				34		
18	18	15 18	581.7	35	SM	SILTY SAND: very dark greenish gray, (GLEY1, 3/10Y); fine to medium grained sand, trace clay, loose, moist.
		20		36		
				37		
				38		
				39		
18	18	10 12	521.4	40		SILTY CLAY: very dark greenish gray (GLEY1, 3/10Y); stiff, low plasticity, moist.
		14		41		
				42	CL	
				43		
				44		
				45		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

95% Portland Cement / 5% Bentonite Grout from 1.0 to 122 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 128 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
18	18	14 16	329.2	46			X	■	CL	SILTY CLAY: greenish black (GLEY1, 5/10Y); stiff, low plasticity, moist.
		18		47						
				48						
				49						
18	18	13 15	823.1	50				■		SANDY SILT: dark greenish gray (GLEY1, 4/10Y); soft, low plasticity, moist.
		18		51			X			
				52						
				53						
				54						
18	18	15 15	723.3	55				■	ML	CLAYEY SILT: dark greenish gray (GLEY1, 4/10Y); trace cobbles, soft, low plasticity, moist.
		18		56			X			
				57						
				58						
				59						
18	18	13 15	745.8	60				■	CL	SILTY CLAY: greenish black (GLEY1, 2.5/10Y); stiff, low plasticity, moist.
		17		61			X			
				62						
				63						
				64						
18	18	18 23	267.4	65				■	SW	SAND: very dark greenish gray (GLEY1, 5/10Y); medium to coarse grained, loose, moist.
		27		66			X		ML	SANDY SILT: dark yellowish brown (10YR, 4/6); fine grained sand, soft, low plasticity, moist.
				67						
				68						
				69						
				70						

95% Portland Cement / 5% Bentonite Grout from 1.0 to 122 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 128 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	27 35	7.5	71		SANDY SILT: dark yellowish brown (10YR, 4/4); fine grained sand, soft, low plasticity, moist.
		40		72		
				73		
				74		
				75	ML	
18	18	27 33	8.3	76		SANDY SILT: dark grayish brown (10YR, 4/2); fine grained sand, soft, low plasticity, moist.
		35		77		
				78		
				79		
				80		
18	18	24 27	7.3	81		SILTY SAND: light brownish gray (10YR, 6/2); fine to medium grained sand, loose, moist.
		29		82		
				83		
				84		
				85		
18	12	23 25	1.2	86		SILTY SAND: pale brown (10YR, 6/3); fine to medium grained sand, loose, moist; trace shell fragments.
		25		87	SM	
				88		
				89		
				90		
18	12	33 40	1.2	91		SILTY SAND: brown (10YR, 5/3); fine to medium grained sand, loose, moist.
		40		92		
				93		
				94		
				95		

95% Portland Cement / 5% Bentonite Grout from 1.0 to 122 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 128 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	17	28 30	1.0	96	ML	SANDY SILT: yellowish brown (10YR, 5/4); fine grained sand, soft, low plasticity, moist.
		33		97		
				98		
				99		
18	12	36 39	6.5	100	SW	SAND: yellowish brown (10YR, 5/6); coarse grained, loose, moist.
		33		101		
				102		
				103		
				104		
18	18	25 28	0.3	105	SM	SILTY SAND: dark yellowish brown (10YR, 3/4); fine to medium grained sand, loose, moist.
		30		106		
				107		
				108		
				109		
18	14	26 29	0.7	110	SP	SAND: light olive brown (2.5Y, 5/4); medium grained, loose, moist.
		35		111		
				112		
				113		
				114		
18	9	33 50	2.0	115		SAND: light olive brown (2.5Y, 5/4); medium grained, loose, moist.
				116		
				117		
				118		
				119		
				120		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

95% Portland Cement / 5% Bentonite Grout from 1.0 to 122 ft

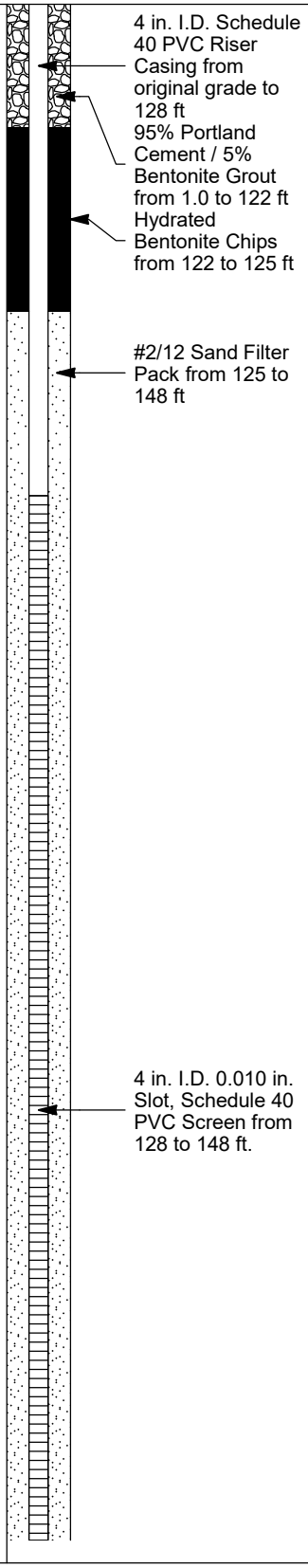
4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 128 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	24 27	0.8	121	SC	CLAYEY SAND: dark yellowish brown (10YR, 4/6); medium grained sand, loose, low plasticity clay, moist.
		30		122		
				123		
				124		
18	12	20 20	0.4	125	SW	SAND: dark yellowish brown (10YR, 4/6); coarse grained sand, trace clay, loose, moist.
		25		126		
				127		
				128		
				129		
18	12	18 23	0.3	130		SAND: light olive brown (2.5Y, 5/4); coarse grained, loose, moist.
		25		131		
				132		
				133 ▽		
				134 ▼		
18	12	35 50	2.4	135	SP	SAND: light olive brown (2.5Y, 5/4); coarse grained, loose, wet.
				136		
				137		
				138		
				139		
18	18	18 20	0.8	140		SAND: grayish brown (2.5Y, 5/2); coarse grained, loose, wet.
		20		141		
				142		
				143		
				144		
				145		



LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
18	18	15 15	4.0	146						SAND: grayish brown (2.5Y, 5/2); coarse grained, loose, wet.
		18		147					SP	
				148						
18	18	13 17 18	8.2	149 150						SAND: grayish brown (2.5Y, 5/2); coarse grained, loose, wet, trace cobbles.
				151						
				152						
				153						
				154						
				155						
				156						
				157						
				158						
				159						
				160						
				161						
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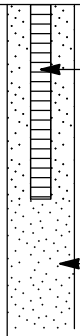
				163						
				164						
				165						
				166						
				167						
				168						
				169						
				170						



4 in. I.D. 0.010 in. Slot, Schedule 40 PVC Screen from 128 to 148 ft.

#2/12 Sand Filter Pack from 125 to 148 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

ETIC
CONSULT ENGINEER CONSTRUCT

LOG OF SOIL BORING: MW-2

COORDINATES: N1745820.77 :E6464547

ELEVATION TOP OF CASING: 126.11

CASING BELOW SURFACE: 0.33

DRILLING COMPANY: Cascade Drilling, L.P.

LICENSE NUMBER: C-57 License No. 1058336

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

DRILLING AND SAMPLING METHODS: Borehole cleared to 8' bgs using an air knife, and sample collected in place at 5' bgs. Borehole advanced and sampled utilizing a Hollow Stem Auger (HSA) rig equipped with a 8" O.D. auger from 8' bgs to the total depth of 150' bgs. Borehole advanced with a 10" O.D. auger and completed as a single groundwater motinoring well.

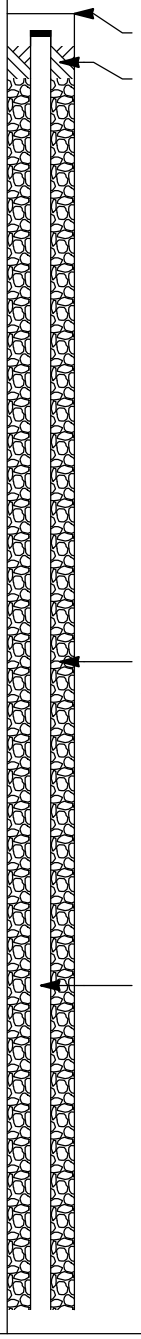
				START	FINISH
WATER LEVEL	▽ 138.5	▼ 135.9			
TIME	1355	1000		TIME 0700	TIME 0745
DATE	10/22/20	10/26/20			
REFERENCE	GS	TOC		DATE 10/21/20	DATE 10/23/20

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: K. Ruiz

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	DESCRIPTION
				0					AC/AB	3" Asphalt
6	6		0.0	5					CL	CLAY: very dark brown (10YR, 2/2); stiff, moist, high plasticity, trace sand.
18	18	10 13	0.0	10					SM	SILTY SAND: dark yellowish brown, (10YR, 4/6); moist, loose, trace gravel.
		15		11						
18	18	14 18	0.0	15					SP	SAND: yellowish brown (10YR, 5/8); moist, loose, medium grained sand.
		21		16						
				17						
				18						
				19						
				20						

DETAILS



LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	10 16	0.0	21		CLAY: dark brown (7.5YR, 3/3); moist, stiff, low plasticity, trace fine gravel.
		20		22	CL	
				23		
				24		
18	18	12 15	0.0	25		SAND: dark yellowish brown (10YR, 4/6); moist, loose, medium to coarse grained, some fine gravel.
		18		26		
				27	SP	
				28		
				29		
18	18	14 17	0.0	30		SANDY CLAY: dark yellowish brown (10YR, 4/6); moist, stiff, low plasticity, medium grained sand.
		21		31		
				32		
				33		
				34		
18	18	15 20	0.0	35	CL	SANDY CLAY: dark brown (10YR, 3/3); moist, stiff, medium plasticity, fine to coarse grained sand.
		20		36		
				37		
				38		
				39		
18	18	14 16	0.0	40		SAND WITH CLAY: yellowish brown (10TR, 5/4); moist, medium dense, trace gravel.
		18		41		
				42	SP	
				43		
				44		
				45		

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
18	18	13 15	0.0	46			X		SP	SAND WITH CLAY: yellowish brown (10TR, 5/4); moist, loose, some silt.
		17		47						
				48						
				49						
18	18	15 15	20.8	50						SILTY SAND: light olive brown (2.5Y, 5/4); moist, loose, fine grained sand.
		20		51			X			
				52						
				53						
				54						
18	18	14 16	81.2	55					SM	SILTY SAND: dark grayish brown (2.5Y, 4/2); moist, loose, fine grained sand.
		18		56			X			
				57						
				58						
				59						
18	18	11 13	40.2	60					CL	CLAY: olive brown (2.5Y, 4/3); moist, stiff, low plasticity.
		15		61			X			
				62						
				63						
				64						
18	18	12 14	351	65					SM	SILTY SAND: light yellowish brown (2.5Y, 6/3); moist, loose, fine grained sand.
		16		66			X			
				67						
				68						
				69						
				70						

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	12	11 13	281	71		SANDY SILT: light olive brown (2.5Y, 5/3); moist, soft, fine grained sand.
		15		72	ML	
				73		
				74		
				75		
18	18	20 23	19.7	76		SILTY SAND: light brownish gray (2.5Y, 6/2); moist, loose, fine grained sand.
		25		77		
				78		
				79		
				80	SM	
18	18	25 28	8.2	81		SILTY SAND: light brownish gray (2.5Y, 6/2); moist, loose, fine grained sand.
		30		82		
				83		
				84		
				85		
18	12	24 27	1.7	86		SAND: light yellowish brown (2.5Y, 6/3); moist, loose, fine grained sand, some silt, trace fine gravel.
		29		87		
				88		
				89		
				90	SP	
18	18	25 30	0.8	91		SAND: light yellowish brown (2.5Y, 6/3); moist, loose, fine to medium grained sand, few shell fragments.
		30		92		
				93		
				94		
				95		

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
12	12	23 50	1.2	96		SAND: light olive brown (2.5Y, 5/4) to yellowish brown (2.5Y, 6/4); moist, loose, fine grained sand, some silt.
				97		
				98		
				99		
18	18	24 27	0.0	100		SAND: very pale brown (10YR, 7/3); moist, loose, fine grained sand.
		29		101		
				102		
				103		
				104		
18	18	21 23	0.0	105		SAND: yellowish brown (10YR, 5/6); moist, loose, medium grained sand.
		25		106		
				107	SP	
				108		
				109		
12	12	27 50	0.0	110		SAND: brownish yellow (10YR, 6/6); moist, loose, fine to medium grained sand.
				111		
				112		
				113		
				114		
12	12	25 50	0.0	115		SAND: grayish brown (10YR, 5/2) to brownish yellow (10YR, 6/6); moist, loose, fine to medium grained sand.
				116		
				117		
				118		
				119		
				120		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

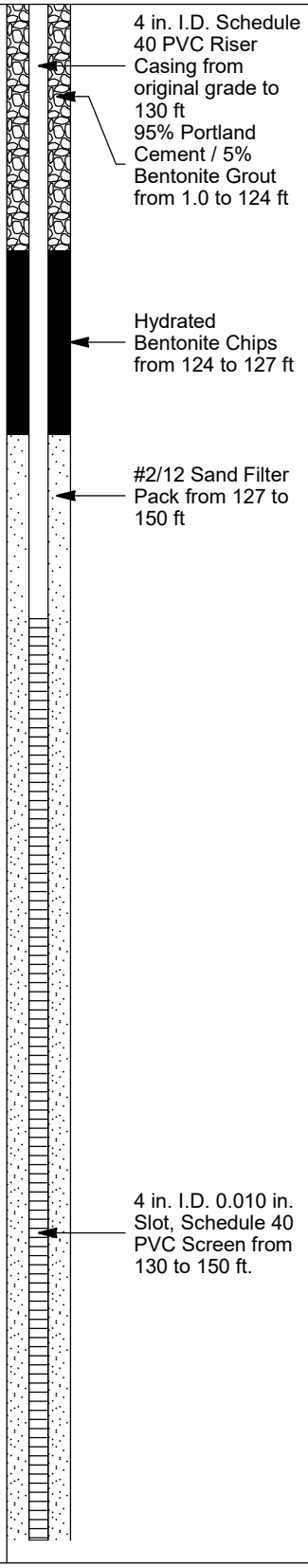
LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	15	28 30	47.2	121	SP	SAND: grayish brown (10YR, 5/2); moist, loose, fine to medium grained sand, ~5mm thick oxydized layers between 120 and 121 ft bgs.
		30		122		
				123		
				124		
18	18	24 27	7.6	125	SP-SM	SAND WITH SILT: olive (5Y, 5/3); moist, dense, fine to medium sand.
		30		126		
				127		
				128		
				129		
18	15	23 28	1.7	130	SP	SAND: light yellow brown (2.5Y, 6/4); moist, loose, medium grained sand.
		30		131		
				132		
				133		
				134		
12	12	35 50	5.5	135		SAND: gray (2.5Y, 6/1) to light olive brown (2.5Y, 5/4); moist, loose, medium grained sand.
				136 ▼		
				137		
				138 ▽		
				139		
18	18	24 26	42.9	140		SAND: olive gray (5Y, 5/2); wet, loose, medium grained sand.
		28		141		
				142		
				143		
				144		
				145		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

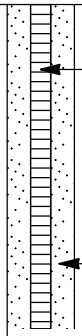


LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
18	12	27 33	18.6	146						SAND: gray (5Y, 5/1); wet, loose, medium to coarse grained sand.
		35		147					SP	
				148						
18	18	25 25 30	9.2	149 150						SAND: olive gray (5Y, 5/2); wet, loose, medium to coarse grained sand.
				151						
				152						
				153						
				154						
				155						
				156						
				157						
				158						
				159						
				160						
				161						
				162						
				163						
				164						
				165						
				166						
				167						
				168						
				169						
				170						



4 in. I.D. 0.010 in. Slot, Schedule 40 PVC Screen from 130 to 150 ft.

#2/12 Sand Filter Pack from 127 to 150 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

ETIC
CONSULT ENGINEER CONSTRUCT

LOG OF SOIL BORING: MW-3

COORDINATES: N1745778.12 :E6464477.94

ELEVATION TOP OF CASING: 126.17

CASING BELOW SURFACE: 0.62

DRILLING COMPANY: Cascade Drilling, L.P.

LICENSE NUMBER: C-57 License No. 1058336

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

DRILLING AND SAMPLING METHODS: Borehole cleared to 8' bgs using an air knife, and sample collected in place at 5' bgs. Borehole advanced and sampled utilizing a Hollow Stem Auger (HSA) rig equipped with a 8" O.D. auger from 8' bgs to the total depth of 150' bgs. Borehole advanced with a 10" O.D. auger and completed as a single groundwater motinoring well.

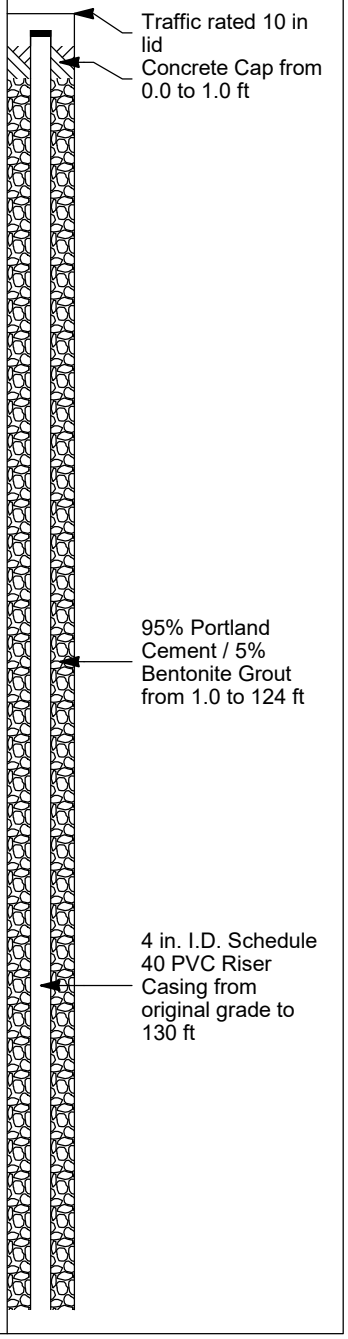
				START	FINISH
WATER LEVEL	▽ 138	▼135.95			
TIME	1140	0900		TIME 1430	TIME 1000
DATE	10/28/20	10/30/20		DATE 10/29/20	DATE 10/30/20
REFERENCE	GS	TOC			

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Z. Spahn

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	AC/AB	3" Asphalt
6	6		0.0	5		SANDY CLAY: dark brown (7.5YR, 3/3); soft, low plasticity, moist.
				6–10	CL	
18	18	4 3	0.1	10		SANDY CLAY: dark brown (7.5YR, 3/3); soft, low plasticity, dry.
		4		11–15	CL	
18	18	7 9	0.2	15	SP	SAND: brown (7.5YR, 4/4); fine to coarse grained, trace rounded gravel, loose, moist.
		11		16		CLAY: dark brown (7.5YR, 3/3); stiff, low plasticity, moist.
				17–20	CL	

DETAILS



LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	7 8	0.3	21		CLAY: dark yellowish brown (10YR, 4/6); soft, medium plasticity, trace silt, moist.
		7		22		
				23		
				24		
18	18	4 5	0.3	25		CLAY: dark yellowish brown (10YR, 4/6); soft, medium plasticity, trace silt, moist.
		5		26		
				27		
				28		
				29		
18	18	6 7	0.5	30	CL	CLAY: light olive brown (2.5Y, 5/3); very stiff, low plasticity, moist.
		9		31		
				32		
				33		
				34		
18	18	7 8	8.3	35		CLAY: light olive brown (2.5Y, 5/3); very stiff, low plasticity, moist.
		11		36		
				37		
				38		
				39		
18	18	6 7	6.3	40	SC	CLAYEY SAND: dark greenish gray (GLEY1, 4/10Y), soft, fine to medium grained, trace gravel, moist.
		9		41		
				42		
				43		
				44		
				45		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	12 18	2.7	46	CL	SANDY CLAY: light olive brown (2.5Y, 5/3); medium stiff, low plasticity clay, fine grained sand, trace gravel, moist.
		22		47		
				48		
				49		
18	18	10 14	6.3	50	ML	SANDY SILT: olive brown (2.5Y, 4/3); soft, fine grained sand, moist.
		15		51		
				52		
				53		
				54		
18	18	7 12	8.9	55	SP	SILTY SAND: olive brown (2.5Y, 4/3); loose, fine to medium grained sand, trace subrounded coarse gravel, moist.
		14		56		
				57		
				58		
				59		
18	18	12 14	11.0	60		SAND: dark grayish brown (2.5Y, 4/2); loose, fine to medium grained sand, trace gravel, moist.
		17		61		
				62		
				63		
				64		
12	12	38 50	29.9	65	SW	SAND: dark grayish brown (2.5Y, 4/2); loose, fine to medium grained sand, moist.
				66		
				67		
				68		
				69		
				70		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	12 14	43.2	71		SILTY SAND: dark greenish gray (GLEY1, 4/10Y); loose, fine grained sand, trace clay, moist.
		17		72		
				73		
				74		
				75		SILTY SAND: greenish gray (GLEY1, 5/10Y); loose, fine grained sand, moist.
18	18	14 17	23.9	76		
		21		77		
				78		
				79		
				80		SILTY SAND: greenish gray (GLEY1, 6/10Y); loose, fine grained sand, moist.
18	18	7 12	30.5	81		
		17		82	SP	
				83		
				84		
				85		SILTY SAND: light olive brown (2.5Y, 5/3); loose, fine grained sand, moist.
18	18	13 14	2.7	86		
		15		87		
				88		
				89		
				90		SILTY SAND: light olive brown (2.5Y, 5/3); loose, fine grained sand, moist; trace shell fragments.
18	18	14 15	7.2	91		
		18		92		
				93		
				94		
				95		

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	Description
12	12	29 50	9.3	96	SANDY SILT: light olive brown (2.5Y, 5/3); soft, fine grained sand, moist.
				97	
				98	MLS
				99	
				100	
10	10	32 50	5.6	101	SILTY SAND: light brownish gray (2.5Y, 6/2); loose, fine grained sand, moist.
				102	
				103	
				104	
				105	
11	11	28 50	14.8	106	SAND: light yelowish brown, (2.5Y, 6/3); loose, fine to medium grained sand, moist.
				107	
				108	SP
				109	
				110	
18	18	15 20	9.9	111	SILTY SAND: gray (2.5Y, 6/1); loose, fine grained sand, moist.
		23		112	
				113	
				114	
				115	
18	18	25 29	42.2	116	SAND: light olive gray (5Y, 6/2); loose, fine to coarse grained sand, moist, oxidation mottling.
		50		117	
				118	SW
				119	
				120	

95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
18	18	23 27	35.8	121	CL	SANDY CLAY: olive gray (5Y, 4/2); stiff, high plasticity clay, medium grained sand, moist.
		50		122		
				123		
				124		
18	18	23 29	24.3	125	SW	SAND: greenish gray (GLEY1, 5/10Y); loose, fine to coarse grained sand, moist, trace clay.
		50		126		
				127		
				128		
				129		
9	9	28 50	21.6	130		SAND: greenish gray (GLEY1, 5/10Y); loose, fine to coarse grained sand, moist.
				131		
				132		
				133		
				134		
9	9	21 50	0.3	135		SAND: greenish gray (GLEY1, 5/10Y); loose, fine to coarse grained sand, moist.
				136		
				137		
				138		
				139		
11	11	34 50	1.2	140	SP	SAND: greenish gray (GLEY1, 5/10Y); loose, coarse grained sand, wet.
				141		
				142		
				143		
				144		
				145		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

4 in. I.D. Schedule 40 PVC Riser Casing from original grade to 130 ft
95% Portland Cement / 5% Bentonite Grout from 1.0 to 124 ft

Hydrated Bentonite Chips from 124 to 127 ft

#2/12 Sand Filter Pack from 127 to 150 ft

4 in. I.D. 0.010 in. Slot, Schedule 40 PVC Screen from 130 to 150 ft.

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	Former Mobil 18MRC	25808 Narbonne Ave Lomita, CA 90717

LOG OF SOIL BORING: MW-3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
11	11	25 50	0.6	146					SP	SAND: greenish gray (GLEY1, 5/10Y); loose, coarse grained sand, wet.
				147						
				148						
				149						
11	11	22 50	0.3	150						SAND: greenish gray (GLEY1, 5/10Y); loose, coarse grained sand, wet, trace gravel.
				151						
				152						
				153						
				154						
				155						
				156						
				157						
				158						
				159						
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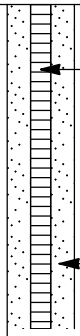

4 in. I.D. 0.010 in. Slot, Schedule 40 PVC Screen from 130 to 150 ft.

#2/12 Sand Filter Pack from 127 to 150 ft

LOG OF SOIL BORING 18MRC BORING LOGS.GPJ ETIC.GDT 11/25/20

Appendix F

Survey Data

MONITORING WELLS

WELL	NORTHING (FEET)	EASTING (FEET)	LATITUDE (DD)	LONGITUDE (DD)	TOR (ELEVATION)	FS (ELEVATION)	TOC (ELEVATION)	RISER_HT
MW-1	1745883.73	6464496.22	33.7893708	-118.3197833	123.98	123.96	123.48	-0.48
MW-2	1745820.77	6464547.00	33.7891983	-118.3196155	126.51	126.44	126.11	-0.33
MW-3	1745778.12	6464477.94	33.7890805	-118.3198424	126.83	126.79	126.17	-0.62

Professional's Name:
Armando D. Dupont

Professional's License Type:
Professional Land Surveyor

Professional's License Number:
7780

NOTE:
RISER_HT - RISER HEIGHT
RISER HEIGHT: THE MEASURED DISTANCE FROM GROUND SURFACE TO TOP OF WELL CASING
DD: DECIMAL DEGREES
TOR: TOP OF RIM
TOC: TOP OF CASING
FS: FINISHED SURFACE

SURVEY DATE: NOVEMBER 4, 2020

BENCHMARK:
THE ELEVATIONS SHOWN HEREON ARE BASED UPON STATIC GPS OBSERVATION,
HOLDING THE CSRC DATA POINT "CAPE"; ELEVATION =74.01 FEET (NAVD 88)

COORDINATES:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM (CCS 83),
ZONE 5, 1983 DATUM, DEFINED BY SECTIONS 8801 TO 8819 OF THE CALIFORNIA PUBLIC RESOURCES CODE,
BASED UPON STATIC GPS OBSERVATION, HOLDING THE CSRC DATA POINT "CAPE"

Appendix G

Field Data

ETIC
CONSULT ENGINEER CONSTRUCT

WELL DEVELOPMENT FORM

Project Name: 18MRC Well No: MW-1 Date: 11/4/20

Project No: Personnel: A. Chien, Z. Spahn

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	148.3	−	133.28	=	15.02	X	1	2	4	6	9.61	=	56
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Pump Purge Depth: 147 Purge Rate: 1 (gpm)

1300 begin purge

Time	1310	1320	1330	1340	1345	1350
Volume Purge (gal)	10	20	30	40	45	50
Temperature (C)	22.97	22.63	22.58	22.56	22.57	22.53
pH	6.06	5.87	5.77	5.20	5.67	5.70
Spec.Cond.(umhos)	1.30	1.30	1.28	1.28	1.28	1.27
Turbidity/Color	>1000 Gray	52.4 Gray	16.9 Gray	6.50 clear	5.34 clear	3.81 clear
Odor (Y/N)	N	→	→	→	→	→
Casing Volumes	1	2	3	4	4.5	5
Dewatered (Y/N)	N	→	→	→	→	→

Comments/Observations:

SAMPLING DATA

Time Sampled: Approximate Depth to Water During Sampling: (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method

Total Purge Volume: 56 (gallons) Disposal: Drum

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:

T.O.C. - Top of Casing
VOLUME: GAL. PER LIN./FT.
2 IN.=0.17 6 IN.=1.5
3 IN.=0.38 8 IN.=2.51
4 IN.=0.66

CASCADE DRILLING

Development / Purge Record

Date 11-4-20 Project # 112-20-1252 Site Lomita

Well I.D. # MW-1 Water Level T.O.C. 133.28 Ft. Total Depth 148.4 Ft.

Set Up — Well Dia. ____ In. Water Column Height 15.2 Ft. Casing Volume 10 Gal.

TIME	GAL. PURGED	TEMP	COND. X MS	pH	TURB.	T.D. ORP	DTW	OTHER DO
1055		INITIAL	TAG			148.3	133.28	
1103		BAIL 3 GAL				148.4	133.30	
1110		SLOW 15' FOR 45 MIN						
1155		END SLOW				148.3	133.37	
1235		BAIL 3 GAL				148.4	133.31	
~~1300~~ 1300		START PUMP				↓	133.26	
1305	5	22.99	1.32	6.46	>1000	143	133.30	0.00
1310	10	22.97	1.30	6.06	>1000	95	133.30	0.00
1315	15	22.80	1.30	5.98	186	91	133.30	0.00
1320	20	22.63	1.30	5.87	52.4	86	133.30	0.00
1325	25	22.69	1.29	5.81	27.5	81	133.30	0.00
1330	30	22.58	1.28	5.77	16.9	78	133.30	0.00
1335	35	22.55	1.28	5.73	10.1	76	133.30	0.00
1340	40	22.56	1.28	5.70	6.50	75	133.30	0.00
1345	45	22.57	1.28	5.67	5.34	74	133.30	0.00
1350	50	22.53	1.27	5.70	3.81	73	133.30	0.00

Comments: 20' Screen
56 Sand Pillar

Data Collected By: MTS

ETIC
CONSULT ENGINEER CONSTRUCT

WELL DEVELOPMENT FORM

Project Name: I&M RC | Well No: MW-2 | Date: 11/4/20

Project No: | Personnel: A. Chien, Z. Spivak

GAUGING DATA

Water Level Measuring Method: | Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	150.2	-	135.83	=	14.37	X	1	2	4	6	9.2	=	55
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Pump | Purge Depth: 149 | Purge Rate: 1 (gpm)

Time	~~1600~~ 1540 begin purge	~~1610~~ 1600	1620	1630	~~1635~~ 1635	1640
Volume Purge (gal)	15	25	35	45	50	55
Temperature (C)	22.60	22.48	22.39	22.03	22.22	21.14
pH	5.81	5.87	5.72	5.82	5.72	5.78
Spec.Cond.(umhos)	1.35	1.36	1.35	1.32	1.33	1.32
Turbidity/Color						
Odor (Y/N)	N	→	→	→	→	→
Casing Volumes	1.63	2.72	3.8	4.89	5.43	5.98
Dewatered (Y/N)	N	→	→	→	→	→

Comments/Observations:

SAMPLING DATA

Time Sampled: | Approximate Depth to Water During Sampling: (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method

Total Purge Volume: 55 (gallons) | Disposal: Drum

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:

T.O.C. - Top of Casing
VOLUME: GAL. PER LIN./FT.
2 IN.=0.17 6 IN.=1.5
3 IN.=0.38 8 IN.=2.51
4 IN.=0.66

CASCADE DRILLING

Development / Purge Record

Date 11.4.20 Project # 112-20-1252 Site Lomita

Well I.D. # MW-2 Water Level T.O.C. 135.83 Ft. Total Depth 150.3 Ft.

Set Up — Well Dia. 4 In. Water Column Height 14.47 Ft. Casing Volume 9.5 Gal.

TIME	GAL. PURGED	TEMP	COND. X mS	pH	TURB.	T.D. cal	DTW	OTHER DO
1435		Initial	Tag			150.2	135.83	
1443		Pail 3 Gal				150.3	135.85	
1445		Swab 15'	Est 45 Min					
1530		End Swab				150.3	136.02	
1545		Start Pump At 2 GPM					135.95	
1550	5	23.20	1.43	5.80	>1000	56	136.00	0.00
1555	10	23.10	1.38	5.65	>1000	46	136.00	0.00
1600	15	22.60	1.35	5.81	>1000	49	136.00	0.00
1605	20	22.85	1.36	5.66	857	44	136.00	0.00
1610	25	22.48	1.36	5.87	83.7	47	136.00	0.00
1615	30	22.77	1.37	5.65	23.8	44	136.00	0.00
1620	35	22.39	1.35	5.72	13.4	42	136.00	0.00
1625	40	21.90	1.36	5.74	10.3	44	136.00	0.00
1630	45	22.03	1.32	5.82	5.35	47	136.00	0.00
1635	50	22.22	1.33	5.72	3.88	44	136.00	0.00
1640	55	21.14	1.32	5.78	3.21	44	136.00	0.00
1640		Stop Pump						

Comments: 20' Screen
58 Gal Purged

Data Collected By: NATE

ETIC
CONSULT | ENGINEER | CONSTRUCT

WELL DEVELOPMENT FORM

Project Name: 18MRC Well No: MW-3 Date: 11/4/20

Project No: Personnel: A. Chien, Z. Spahn

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	4	6			
	150.2	-	136	=	14.2	X	0.04	0.16	0.64	1.44	10.37	=	45

PURGING DATA

Purge Method: Pump Purge Depth: 149 ft Purge Rate: 1 (gpm)

Time	~~0930~~ 0940	0950	1000	1005	1010	1015
Volume Purge (gal)	10	20	30	35	40	45
Temperature (C)	22.65	22.44	22.46	22.50	22.60	22.62
pH	6.32	6.21	6.10	6.03	6.02	6.01
Spec.Cond.(umhos)	1.65	1.53	1.43	1.39	1.39	1.39
Turbidity/Color	>1000 Gray	175 Gray	16.0 clear	9.43 clear	6.44 clear	6.00 clear
Odor (Y/N)	N					
Casing Volumes	1	2	3	3.5	4	4.5
Dewatered (Y/N)	N					

9:30 begin purge

Comments/Observations:

SAMPLING DATA

Time Sampled: Approximate Depth to Water During Sampling: (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method

Total Purge Volume: 45 (gallons) Disposal: Drum

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments:

T.O.C. - Top of Casing
VOLUME: GAL. PER LIN./FT.
2 IN.=0.17 6 IN.=1.5
3 IN.=0.38 8 IN.=2.51
4 IN.=0.66

CASCADE DRILLING

Development / Purge Record

Date 11-4-20 Project # 112-20-1252 Site Centra

Well I.D. # MW-3 Water Level T.O.C. 136.0 Ft. Total Depth 150.2 Ft.

Set Up — Well Dia. 4 In. Water Column Height 14.2 Ft. Casing Volume 9.3 Gal.

TIME	GAL. PURGED	TEMP	COND. X ~3	pH	TURB.	T.D. ppm	DTW	OTHER DO
0755		INITIAL TAL				150.2	136.0	
0806		BAIL 3 GAL				150.2	136.03	
0810		START 15' SCREEN FOR 45 MIN						
0855		END START				150.2	136.25	
0906		BAIL 6 GAL				150.2	136.25	
0930		START PUMP 3 GPM				150.2	136.10	
0935	5	21.69	1.70	7.35	>1000	61	136.33	0.00
0940	10	22.65	1.65	6.32	>1000	-19	136.31	0.00
0945	15	22.79	1.59	6.20	>1000	-29	136.30	0.00
0950	20	22.44	1.53	6.21	175	-20	136.30	0.00
0955	25	22.41	1.46	6.19	42.0	-18	136.30	0.00
1000	30	22.46	1.43	6.10	16.0	-21	136.30	0.00
1005	35	22.50	1.39	6.03	9.43	-22	136.30	0.00
1010	40	22.60	1.39	6.02	6.44	-23	136.30	0.00
1015	45	22.62	1.39	6.01	6.00	-22	136.30	0.00
1015		STOP PUMP						

Comments: 20' Screen

Data Collected By: MATE

ETIC
CONSULT ENGINEER CONSTRUCT

MONITORING WELL DATA FORM

Client: ExxonMobil

Date: 11-9-20

Project Number: UP20-018MRC

Station Number: 18MRC

Site Location: 25808 Narbonne Avenue, Lomita, CA

Sampler: M. B.

MONITORING WELL NUMBER	TIME	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	SHEEN (Y/N)	DEPTH TO PRODUCT (FEET)	APPARENT PRODUCT THICKNESS (FEET)	AMOUNT OF PRODUCT REMOVED (gallons)	WELL CASING DIAMETER	Purge, non-purge, gauge?
MW-1		133.48	148.35	N				4"	
MW-2		136.11	150.20	N				4"	
MW-3		136.10	150.15	N				4"	

ETIC
CONSULT ENGINEER CONSTRUCT

GROUNDWATER PURGE AND SAMPLE

Project Name:
Well No: MW-1 Date: 11-9-20
Project No: 18MRC Personnel: M.B.

GAUGING DATA

Water Level Measuring Method: Measuring Point Description: North

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							3/4	2	4	6			
	148.35	−	133.48	=	14.87	X	0.03	0.16	0.64	1.44	9.5	=	28.5

PURGING DATA

Purge Method: RFZ Purge Depth: 144'

Time	1130	1141	1151			
Volume Purge (gal)	9.5	19.0	28.5			
Temperature (C)	26.1	26.3	25.7			
pH	7.22	7.12	7.05			
Spec.Cond. (uS/cm)	1215	1233	1238			
Turbidity/Color	clear none					
TDS (ppm)	828	841	840			
ORP (millivolts)	-61	-49	-45			
DO (mg / L)	1.07	.90	.85			
Odor (Y/N)	N	N	N			
Casing Volumes	1.0	2.0	3.0			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: Approximate Depth to Water During Sampling: 135' (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-1	7					

Total Purge Volume: 28 (gallons) Disposal: Onsite Drum(s) No.

Weather Conditions: Sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction: no

Problems Encountered During Purging and Sampling: None

ETIC
CONSULT ENGINEER CONSTRUCT

GROUNDWATER PURGE AND SAMPLE

Project Name: Well No: MW-2 Date: 11-09-20

Project No: ~~2~~ 18MRC Personnel:

GAUGING DATA

Water Level Measuring Method: Measuring Point Description: North

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	150.20	-	130.11	=	14.09	X	3/4	2	(4)	6	9.0	=	27.0
							0.03	0.16	0.64	1.44			

PURGING DATA

Purge Method: RF2 Purge Depth: 140

Time	1001	1010	1020			
Volume Purge (gal)	9.0	18.0	27.0			
Temperature (C)	21.9	21.3	21.2			
pH	7.69	7.29	7.13			
Spec.Cond. (uS/cm)	1455	1433	1427			
Turbidity/Color	clear none					
TDS (ppm)	1002	988	987			
ORP (millivolts)	-34	-30	-29			
DO (mg / L)	1.40	1.11	1.05			
Odor (Y/N)	N	N	N			
Casing Volumes	1.0	2.0	3.0			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: Approximate Depth to Water During Sampling: 137 *(feet)*

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-2	7					

Total Purge Volume: 27 *(gallons)* Disposal: Onsite Drum(s) No.

Weather Conditions: Sunny

Condition of Well Box and Casing at Time of Sampling: No

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE

Project Name: ExxonMobil | Well No: MW-3 | Date: 11-9-20

Project No: 18MRC | Personnel: M, B

GAUGING DATA

Water Level Measuring Method: | Measuring Point Description: North

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	150.15	−	136.10	=	14.05	X	3/4: 0.03	2: 0.16	(4): 0.64	6: 1.44	1.9	=	26.9

PURGING DATA

Purge Method: RF2 | Purge Depth: 145' | Purge Rate: (gpm)

Time	0825	0835	0845			
Volume Purge (gal)	8.9	18.0	26.9			
Temperature (C)	22.4	23.7	24.7			
pH	7.48	7.07	6.99			
Spec.Cond. (umhos)	1479	1420	1385			
Turbidity/Color	clear none					
TDS (g / L)	1023	980	951			
ORP	-17	-13	-18			
DO (mg / L)	2.60	1.11	.90			
Odor (Y/N)	N	N	N			
Casing Volumes	1.0	2.0	3.0			
Dewatered (Y/N)	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: | Approximate Depth to Water During Sampling: 137' (feet)

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW-3	7					

Total Purge Volume: 27 (gallons) | Disposal: | Onsite Drum(s) No.

Weather Conditions: Cool

Condition of Well Box and Casing at Time of Sampling: ok

Well Head Conditions Requiring Correction: no

Problems Encountered During Purging and Sampling: none

Appendix H

Waste Manifests

NO. 759209

NON-HAZARDOUS WASTE DATA FORM

BESI # 324267

GENERATOR

Generator's Name and Mailing Address

EXXONMOBIL OIL CORP.
C/O ETIC
250 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Site Address (if different than mailing address)

FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Generator's Phone: 626-432-5899

Container type removed from site:

XX Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____

Quantity 02

Container type transported to receiving facility:

☑ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____

Quantity 02 Volume 85 GAL

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile 12820 PROPERTIES: pH 7-10 ☐ SOLID XX LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: H135

ETIC C&O PO# _____
ON BEHALF OF EXXONMOBIL OIL CORP. MOBIL

Generator Printed/Typed Name: John Haberland | Signature: John Haberland | Month 11 Day 10 Year 20

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE | Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Evan Doe | Signature: Evan Doe | Month 11 Day 10 Year 20

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: | Phone#:

Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

CROSBY & OVERTON
1630 W. 17TH STREET
LONG BEACH, CA 90813

Phone#: 562-432-5445

Printed/Typed Name: Tony Pham | Signature: Tony | Month 11 Day 13 Year 20

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

NO. 759082

NON-HAZARDOUS WASTE DATA FORM

BESI # 323710

GENERATOR

Generator's Name and Mailing Address
EXXONMOBIL OIL CORP.
C/O ETIC
250 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Phone: 626-432-5999

Generator's Site Address (if different than mailing address)
FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Container type removed from site:
XX ☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 4

Container type transported to receiving facility:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 4 Volume 200 GAL

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile 12620 PROPERTIES: pH 7-10 ☐ SOLID XX LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: H135

ETIC C&O PO# D194826
ON BEHALF OF EXXONMOBIL OIL CORP.

Generator Printed/Typed Name: John Haberland
Signature: John Haberland
Month 10 Day 30 Year 20
The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Carlos Villa
Signature: Carlos Villa
Month 10 Day 30 Year 20
Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name
Phone#

Transporter 2 Printed/Typed Name
Signature
Month Day Year
Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
CROSBY & OVERTON
1630 W. 17TH STREET
LONG BEACH, CA 90813

Phone#: 562-432-5445

Printed/Typed Name: Tony Pham
Signature: Tony Pham
Month 11 Day 6 Year 20
Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

25808SNA/2417711

NO. 759044

NON-HAZARDOUS WASTE DATA FORM

BESI # 323710

GENERATOR

Generator's Name and Mailing Address

EXXONMOBIL OIL CORP.
C/O ETIC
260 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Site Address (if different than mailing address)

FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Generator's Phone: 626-432-5999

Container type removed from site:

XX Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other

Quantity 02

Container type transported to receiving facility:

☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other

Quantity 2 Volume 100 GAL

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile 12620 PROPERTIES: pH 7-10 ☐ SOLID XX LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: H135

DI 914537

ETIC C&O PO:

ON BEHALF OF EXXONMOBIL OIL CORPORATION:

Generator Printed/Typed Name: John Haberland | Signature | Month 10 Day 23 Year 20

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: EDUARDO GARCIA | Signature | Month 10 Day 23 Year 20

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name | Phone#

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

CROSBY & OVERTON
1630 W. 17TH STREET
LONG BEACH, CA 90813

Phone# 562-432-5445

Printed/Typed Name: Tony Pham | Signature | Month 11 Day 6 Year 20

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

25808SNA/2417712

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
11,9,06		06/476	A07	A5-2315	002

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #: / Person to Contact: / FAX#:	Customer Account Number
EXXONMOBIL OIL CORP. C/O ETIC 250 W. COLORADO BLVD., SUITE 110 ARCADIA, CA 91007	626-432-5999	

Consultant's Name and Billing Address:	Consultant's Phone #: / Person to Contact: / FAX#:	Customer Account Number

Generation Site (Transport from): *(name & address)*	Site Phone #: / Person to Contact: / FAX#:
FORMER MOBIL 18MRC 25808 S. NARBONNE AVE. LOMITA, CA 90717	

Designated Facility (Transport to): *(name & address)*	Facility Phone #: / Person to Contact: / FAX#:
SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	(800) 862-8001 JOE PROVANSAL (760) 246-8004

Transporter Name and Mailing Address:	Transporter's Phone #: / Person to Contact: / FAX#:	Customer Account Number
BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 323710	949-460-5200 LARRY MOOTHART 949-460-5210	CAR000183913 1629169

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	21 DM	Soil	49400	37240	12160
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					6.08

List any exception to items listed above: Scale Ticket # 162193

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way. ON BEHALF OF EXXONMOBIL OIL CORP.

Print or Type Name: Generator ☐ Consultant ☒	Signature and date:	Month	Day	Year
John Haberland	John Haberland	10	30	20

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
Carlos Villa	Carlos Villa	10	30	20

Recycling Facility

Discrepancies:
25808SNA
2418787

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
Joe Provansal / Barry Meek / Bill Bishop	11-9-06

Please print or type.

TRANSPORTER COPY

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
11/11/20		979/1260	A07	A5-2315	003

Generator and/or Consultant

Generator's Name and Billing Address:
EXXONMOBIL OIL CORP.
C/O ETIC
250 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Phone #: 626-432-5909
Person to Contact:
FAX#:
Customer Account Number

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number

Generation Site (Transport from): *(name & address)*
FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: JOE PROVANSAL
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 323710

Transporter's Phone #: 949-460-5200
CAR000183913
Person to Contact: LARRY MOOTHART
1629169
FAX#: 949-460-5210
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	15 DM	Soil	47080	35300	5780
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					439

List any exception to items listed above:
Scale Ticket # 1622218

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way. ~~ON~~ ON BEHALF OF EXXON MOBIL OIL CORP.

Print or Type Name: Generator ☐ Consultant ☒ John Haberland
Signature and date: [signature] Month 10 Day 27 Year 20

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Carlos Villa
Signature and date: [signature] Month 10 Day 27 Year 20

Recycling Facility

Discrepancies:
25808SNA
2420906

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Joe Provansal / Barry Meek / Bill Bishop
Signature and date: [signature] 11-11-20

Please print or type.

TRANSPORTER COPY

NO. 759190

NON-HAZARDOUS WASTE DATA FORM

BES! # 323710

GENERATOR

Generator's Name and Mailing Address

EXXONMOBIL OIL CORP.
C/O ETIC
250 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Site Address (if different than mailing address)

FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Generator's Phone: 626-432-5899

Container type removed from site:

XX Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____

Quantity 004

Container type transported to receiving facility:

☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____

Quantity 004 Volume 170 GAL

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile 12820

PROPERTIES: pH 7-10 ☐ SOLID XX LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: #1135

ETIC C&O PO# _____

ON BEHALF OF EXXONMOBIL OIL CORP.

Generator Printed/Typed Name	Signature	Month	Day	Year
John Haberland	John Haberland	11	06	20

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE — Phone#: 949-460-5200

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Thomas Buck		11	06	20

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: _____ — Phone#: _____

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

CROSBY & OVERTON
1630 W. 17TH STREET
LONG BEACH, CA 90813

Phone#: 562-432-5445

Printed/Typed Name	Signature	Month	Day	Year
Tony Flores		11	12	20

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

25808SNA/2421680

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /			A07	A5-2315	001

Generator and/or Consultant

Generator's Name and Billing Address:
EXXONMOBIL OIL CORP.
C/O ETIC
250 W. COLORADO BLVD., SUITE 110
ARCADIA, CA 91007

Generator's Phone #: 626-432-5999
Person to Contact:
FAX#:
Customer Account Number

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number

Generation Site (Transport from): *(name & address)*
FORMER MOBIL 18MRC
25808 S. NARBONNE AVE.
LOMITA, CA 90717

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: JOE PROVANSAL
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 323710

Transporter's Phone #: 949-460-5200
CAR000183913
Person to Contact: LARRY MOOTHART
1629169
FAX#: 949-460-5210
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	30 DM	SOIL	55900	37100	18500
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					940

List any exception to items listed above: Scale Ticket # 162161

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way. ON BEHALF OF EXXONMOBIL OIL CORPORATION.

Print or Type Name: Generator ☐ Consultant ☒ John Haberland
Signature and date: Month 10 Day 23 Year 20

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: EDUARDO GARCIA
Signature and date:
Month 10 Day 23 Year 20

Recycling Facility

Discrepancies:
25808SNA
2417260

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Joe Provansal / Barry Meek / Bill Bishop
Signature and date: 11-5-20

Please print or type.

TRANSPORTER COPY

Appendix I

Laboratory Analytical Results and Chain-of-Custody Documentation

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-41564-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Ryan Haughy

Authorized for release by:
11/3/2020 5:09:27 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-41564-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-41564-1

Comments
No additional comments.

Receipt
The samples were received on 10/20/2020 7:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-103720.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 103416.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Client Sample ID: MW-1,5 — Lab Sample ID: 570-41564-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00046	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,5 — Lab Sample ID: 570-41564-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00050	J	0.00097	0.00025	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,5 — Lab Sample ID: 570-41564-3

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,5
Date Collected: 10/20/20 13:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.010	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Benzene	**0.00046**	**J**	0.0010	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Bromoform	ND		0.0051	0.0014	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Bromomethane	ND		0.021	0.0068	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
2-Butanone	ND		0.021	0.0046	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Chloroethane	ND		0.0021	0.0015	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Chloroform	ND		0.0010	0.00061	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
c-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
c-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0069	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Ethanol	ND		0.26	0.068	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
2-Hexanone	ND		0.021	0.0032	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Isopropylbenzene	ND		0.0010	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
4-Methyl-2-pentanone	ND		0.021	0.0030	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Naphthalene	ND		0.010	0.0053	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
N-Propylbenzene	ND		0.0021	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
o-Xylene	ND		0.0010	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
p-Isopropyltoluene	ND		0.0010	0.00072	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
sec-Butylbenzene	ND		0.0010	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,5
Date Collected: 10/20/20 13:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0010	0.00072	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Toluene	ND		0.0010	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
t-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
t-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0010	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg		10/20/20 21:24	10/22/20 17:24	1
Xylenes, Total	ND		0.0031	0.00072	mg/Kg		10/20/20 21:24	10/22/20 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/20/20 21:24*	*10/22/20 17:24*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*10/20/20 21:24*	*10/22/20 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/20/20 21:24*	*10/22/20 17:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/20/20 21:24*	*10/22/20 17:24*	*1*

Client Sample ID: MW-2,5
Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0095	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Benzene	**0.00050**	**J**	0.00097	0.00025	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Bromodichloromethane	ND		0.00097	0.00015	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Bromomethane	ND		0.019	0.0064	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
2-Butanone	ND		0.019	0.0044	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Chloroethane	ND		0.0019	0.0015	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Chloroform	ND		0.00097	0.00057	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
2-Chlorotoluene	ND		0.00097	0.00024	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg		10/20/20 21:24	10/22/20 17:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,5
Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
c-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0065	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Dibromomethane	ND		0.00097	0.00030	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,3-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1-Dichloropropene	ND		0.0019	0.00038	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00048	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Ethanol	ND		0.24	0.064	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Ethylbenzene	ND		0.00097	0.00020	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Isopropylbenzene	ND		0.00097	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Naphthalene	ND		0.0097	0.0050	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
N-Propylbenzene	ND		0.0019	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
o-Xylene	ND		0.00097	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
p-Isopropyltoluene	ND		0.00097	0.00068	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
sec-Butylbenzene	ND		0.00097	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Styrene	ND		0.00097	0.00068	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0068	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Toluene	ND		0.00097	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
t-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Trichlorofluoromethane	ND		0.0097	0.00026	mg/Kg		10/20/20 21:24	10/22/20 17:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,5
Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Vinyl chloride	ND		0.00097	0.00037	mg/Kg		10/20/20 21:24	10/22/20 17:50	1
Xylenes, Total	ND		0.0029	0.00068	mg/Kg		10/20/20 21:24	10/22/20 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/20/20 21:24*	*10/22/20 17:50*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/20/20 21:24*	*10/22/20 17:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*10/20/20 21:24*	*10/22/20 17:50*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/20/20 21:24*	*10/22/20 17:50*	*1*

Client Sample ID: MW-3,5
Date Collected: 10/20/20 15:30
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0097	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Benzene	ND		0.00098	0.00025	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Bromobenzene	ND		0.00098	0.00021	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Bromodichloromethane	ND		0.00098	0.00016	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Bromoform	ND		0.0049	0.0013	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Bromomethane	ND		0.020	0.0065	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
2-Butanone	ND		0.020	0.0044	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Carbon disulfide	ND		0.0098	0.00039	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Carbon tetrachloride	ND		0.00098	0.00029	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Chlorobenzene	ND		0.00098	0.00026	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Chloroform	ND		0.00098	0.00058	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
2-Chlorotoluene	ND		0.00098	0.00025	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
4-Chlorotoluene	ND		0.00098	0.00024	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
c-1,2-Dichloroethene	ND		0.00098	0.00033	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
c-1,3-Dichloropropene	ND		0.00098	0.00034	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2-Dibromo-3-Chloropropane	ND		0.0098	0.0067	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2-Dibromoethane	ND		0.00098	0.00020	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Dibromomethane	ND		0.00098	0.00030	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,3-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,4-Dichlorobenzene	ND		0.00098	0.00030	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1-Dichloroethane	ND		0.00098	0.00028	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2-Dichloroethane	ND		0.00098	0.00027	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1-Dichloroethene	ND		0.00098	0.00026	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2-Dichloropropane	ND		0.00098	0.00027	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,3-Dichloropropane	ND		0.00098	0.00029	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg		10/20/20 21:24	10/22/20 18:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,5
Date Collected: 10/20/20 15:30
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Di-isopropyl ether (DIPE)	ND		0.00098	0.00049	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Ethanol	ND		0.25	0.065	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Ethylbenzene	ND		0.00098	0.00020	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.00098	0.00023	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
2-Hexanone	ND		0.020	0.0030	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Isopropylbenzene	ND		0.00098	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Methylene Chloride	ND		0.0098	0.0031	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00018	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Naphthalene	ND		0.0098	0.0051	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
n-Butylbenzene	ND		0.00098	0.00021	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
N-Propylbenzene	ND		0.0020	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
o-Xylene	ND		0.00098	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
p-Isopropyltoluene	ND		0.00098	0.00069	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
sec-Butylbenzene	ND		0.00098	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Styrene	ND		0.00098	0.00069	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Tert-amyl-methyl ether (TAME)	ND		0.00098	0.00019	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
tert-Butylbenzene	ND		0.00098	0.00025	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1,1,2-Tetrachloroethane	ND		0.00098	0.00029	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Tetrachloroethene	ND		0.00098	0.00022	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Toluene	ND		0.00098	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
t-1,2-Dichloroethene	ND		0.00098	0.00030	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00040	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1,1-Trichloroethane	ND		0.00098	0.00023	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1,2-Trichloroethane	ND		0.00098	0.00046	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Trichlorofluoromethane	ND		0.0098	0.00027	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0098	0.00046	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00059	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Vinyl acetate	ND		0.0098	0.0039	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Vinyl chloride	ND		0.00098	0.00037	mg/Kg		10/20/20 21:24	10/22/20 18:17	1
Xylenes, Total	ND		0.0030	0.00069	mg/Kg		10/20/20 21:24	10/22/20 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/20/20 21:24*	*10/22/20 18:17*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/20/20 21:24*	*10/22/20 18:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*10/20/20 21:24*	*10/22/20 18:17*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/20/20 21:24*	*10/22/20 18:17*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,5
Date Collected: 10/20/20 13:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.055	mg/Kg		10/20/20 21:24	10/21/20 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*10/20/20 21:24*	*10/21/20 20:44*	*1*

Client Sample ID: MW-2,5
Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.084	0.046	mg/Kg		10/20/20 21:24	10/21/20 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*	*10/20/20 21:24*	*10/21/20 21:07*	*1*

Client Sample ID: MW-3,5
Date Collected: 10/20/20 15:30
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.058	mg/Kg		10/20/20 21:24	10/21/20 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*10/20/20 21:24*	*10/21/20 21:31*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,5
Date Collected: 10/20/20 13:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 13:21	10/30/20 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*61 - 145*	*10/28/20 13:21*	*10/30/20 02:11*	*1*

Client Sample ID: MW-2,5
Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 13:21	10/30/20 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*10/28/20 13:21*	*10/30/20 02:34*	*1*

Client Sample ID: MW-3,5
Date Collected: 10/20/20 15:30
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		10/28/20 13:21	10/30/20 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*10/28/20 13:21*	*10/30/20 02:55*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(80-120)	(79-133)	(71-155)	(80-120)
570-41564-1	MW-1,5	101	102	105	99
570-41564-2	MW-2,5	99	101	106	99
570-41564-3	MW-3,5	98	99	107	99
LCS 570-103720/4	Lab Control Sample	105	101	96	100
LCSD 570-103720/5	Lab Control Sample Dup	104	101	98	99
MB 570-103720/7	Method Blank	100	100	97	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-41564-1	MW-1,5	79
570-41564-2	MW-2,5	82
570-41564-3	MW-3,5	79
LCS 570-103416/3	Lab Control Sample	86
LCSD 570-103416/4	Lab Control Sample Dup	92
MB 570-103416/5	Method Blank	76

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(61-145)
570-41564-1	MW-1,5	89
570-41564-2	MW-2,5	92
570-41564-3	MW-3,5	90
570-41881-C-7-B MS	Matrix Spike	92
570-41881-C-7-C MSD	Matrix Spike Duplicate	91
LCS 570-105234/2-A	Lab Control Sample	95
LCSD 570-105234/3-A	Lab Control Sample Dup	96
MB 570-105234/1-A	Method Blank	94

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-103720/7
Matrix: Solid
Analysis Batch: 103720

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/22/20 11:47	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/22/20 11:47	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/22/20 11:47	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/22/20 11:47	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/22/20 11:47	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/22/20 11:47	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/22/20 11:47	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/22/20 11:47	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/22/20 11:47	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/22/20 11:47	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/22/20 11:47	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/22/20 11:47	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/22/20 11:47	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/22/20 11:47	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/22/20 11:47	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/22/20 11:47	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/22/20 11:47	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/22/20 11:47	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/22/20 11:47	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/22/20 11:47	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/22/20 11:47	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/22/20 11:47	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/22/20 11:47	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/22/20 11:47	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/22/20 11:47	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/22/20 11:47	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/22/20 11:47	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/22/20 11:47	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/22/20 11:47	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/22/20 11:47	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/22/20 11:47	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/22/20 11:47	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/22/20 11:47	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/22/20 11:47	1
Ethanol	ND		0.25	0.066	mg/Kg			10/22/20 11:47	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/22/20 11:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/22/20 11:47	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/22/20 11:47	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/22/20 11:47	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/22/20 11:47	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/22/20 11:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/22/20 11:47	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/22/20 11:47	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/22/20 11:47	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/22/20 11:47	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/22/20 11:47	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/22/20 11:47	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/22/20 11:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-103720/7
Matrix: Solid
Analysis Batch: 103720

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/22/20 11:47	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/22/20 11:47	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/22/20 11:47	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/22/20 11:47	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/22/20 11:47	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/22/20 11:47	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/22/20 11:47	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/22/20 11:47	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/22/20 11:47	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/22/20 11:47	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/22/20 11:47	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/22/20 11:47	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/22/20 11:47	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/22/20 11:47	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/22/20 11:47	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/22/20 11:47	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/22/20 11:47	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/22/20 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/22/20 11:47	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/22/20 11:47	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/22/20 11:47	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/22/20 11:47	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/22/20 11:47	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/22/20 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/22/20 11:47*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*		*10/22/20 11:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*		*10/22/20 11:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/22/20 11:47*	*1*

Lab Sample ID: LCS 570-103720/4
Matrix: Solid
Analysis Batch: 103720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05079		mg/Kg		102	79 - 120
Carbon tetrachloride	0.0500	0.05782		mg/Kg		116	58 - 142
Chlorobenzene	0.0500	0.05099		mg/Kg		102	80 - 120
1,2-Dibromoethane	0.0500	0.05063		mg/Kg		101	80 - 120
1,2-Dichlorobenzene	0.0500	0.05124		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0500	0.05587		mg/Kg		112	79 - 121
1,1-Dichloroethene	0.0500	0.04686		mg/Kg		94	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.05151		mg/Kg		103	65 - 131
Ethanol	0.500	0.3771		mg/Kg		75	32 - 158
Ethylbenzene	0.0500	0.05052		mg/Kg		101	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.04826		mg/Kg		97	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04647		mg/Kg		93	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-103720/4
Matrix: Solid
Analysis Batch: 103720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			0.100	0.1014		mg/Kg		101	80 - 122		
o-Xylene			0.0500	0.05156		mg/Kg		103	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-103720/5
Matrix: Solid
Analysis Batch: 103720

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05107		mg/Kg		102	79 - 120	1	20
Carbon tetrachloride			0.0500	0.05852		mg/Kg		117	58 - 142	1	20
Chlorobenzene			0.0500	0.05089		mg/Kg		102	80 - 120	0	20
1,2-Dibromoethane			0.0500	0.05135		mg/Kg		103	80 - 120	1	20
1,2-Dichlorobenzene			0.0500	0.05197		mg/Kg		104	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.05633		mg/Kg		113	79 - 121	1	20
1,1-Dichloroethene			0.0500	0.04682		mg/Kg		94	71 - 125	0	20
Di-isopropyl ether (DIPE)			0.0500	0.05225		mg/Kg		104	65 - 131	1	20
Ethanol			0.500	0.3673		mg/Kg		73	32 - 158	3	27
Ethylbenzene			0.0500	0.05107		mg/Kg		102	57 - 153	1	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04944		mg/Kg		99	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04721		mg/Kg		94	64 - 124	2	20
m,p-Xylene			0.100	0.1020		mg/Kg		102	80 - 122	1	20
o-Xylene			0.0500	0.05172		mg/Kg		103	79 - 127	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-103416/5
Matrix: Solid
Analysis Batch: 103416

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.099	0.055	mg/Kg			10/21/20 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*		*10/21/20 11:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-103416/3
Matrix: Solid
Analysis Batch: 103416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.01	1.975		mg/Kg		98	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*

Lab Sample ID: LCSD 570-103416/4
Matrix: Solid
Analysis Batch: 103416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	2.146		mg/Kg		107	70 - 124	8	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-105234/1-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 13:09	10/28/20 19:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*10/28/20 13:09*	*10/28/20 19:55*	*1*

Lab Sample ID: LCS 570-105234/2-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105234

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	396.6		mg/Kg		99	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*61 - 145*

Lab Sample ID: LCSD 570-105234/3-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	419.0		mg/Kg		105	67 - 121	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-41881-C-7-B MS
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	14		411	413.3		mg/Kg		97	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: 570-41881-C-7-C MSD
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 105234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	14		386	384.8		mg/Kg		96	33 - 153	7	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

QC Association Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

GC/MS VOA

Prep Batch: 103343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	5035	
570-41564-2	MW-2,5	Total/NA	Solid	5035	
570-41564-3	MW-3,5	Total/NA	Solid	5035	

Analysis Batch: 103720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	8260B	103343
570-41564-2	MW-2,5	Total/NA	Solid	8260B	103343
570-41564-3	MW-3,5	Total/NA	Solid	8260B	103343
MB 570-103720/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-103720/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-103720/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 103343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	5035	
570-41564-2	MW-2,5	Total/NA	Solid	5035	
570-41564-3	MW-3,5	Total/NA	Solid	5035	

Analysis Batch: 103416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	8015B	103343
570-41564-2	MW-2,5	Total/NA	Solid	8015B	103343
570-41564-3	MW-3,5	Total/NA	Solid	8015B	103343
MB 570-103416/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-103416/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-103416/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 105234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	3550C	
570-41564-2	MW-2,5	Total/NA	Solid	3550C	
570-41564-3	MW-3,5	Total/NA	Solid	3550C	
MB 570-105234/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-105234/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-105234/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-41881-C-7-B MS	Matrix Spike	Total/NA	Solid	3550C	
570-41881-C-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Analysis Batch: 105347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-105234/1-A	Method Blank	Total/NA	Solid	8015B	105234
LCS 570-105234/2-A	Lab Control Sample	Total/NA	Solid	8015B	105234
LCSD 570-105234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	105234
570-41881-C-7-B MS	Matrix Spike	Total/NA	Solid	8015B	105234
570-41881-C-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	105234

QC Association Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

GC Semi VOA

Analysis Batch: 105642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41564-1	MW-1,5	Total/NA	Solid	8015B	105234
570-41564-2	MW-2,5	Total/NA	Solid	8015B	105234
570-41564-3	MW-3,5	Total/NA	Solid	8015B	105234

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Client Sample ID: MW-1,5

Date Collected: 10/20/20 13:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.87 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	103720	10/22/20 17:24	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	5035			5.01 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	103416	10/21/20 20:44	U1MC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.64 g	10 mL	105234	10/28/20 13:21	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/30/20 02:11	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,5

Date Collected: 10/20/20 09:25
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.17 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	103720	10/22/20 17:50	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	5035			5.98 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	103416	10/21/20 21:07	U1MC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.08 g	10 mL	105234	10/28/20 13:21	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/30/20 02:34	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,5

Date Collected: 10/20/20 15:30
Date Received: 10/20/20 19:30

Lab Sample ID: 570-41564-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.08 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	103720	10/22/20 18:17	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	5035			4.83 g	5 mL	103343	10/20/20 21:24	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	103416	10/21/20 21:31	U1MC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.43 g	10 mL	105234	10/28/20 13:21	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/30/20 02:55	A1W	ECL 1
	Instrument ID: GC46									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41564-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-41564-1	MW-1,5	Solid	10/20/20 13:25	10/20/20 19:30	
570-41564-2	MW-2,5	Solid	10/20/20 09:25	10/20/20 19:30	
570-41564-3	MW-3,5	Solid	10/20/20 15:30	10/20/20 19:30	

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ExxonMobil Analysis Request/Chain of Custody

41564

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 1

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
~~MW-1,5~~ MW-1,5	MW-1	10/20/20	13:25	X		X			X	X	X	X	5 encores
~~MW-2,5~~ MW-2,5	MW-2	10/20/20	09:25	X		X			X	X	X	X	5 encores
MW-3,5	MW-3	10/20/20	15:30	X		X			X	X	X	X	5 encores

570-41564 Chain of Custody

Comments:

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	10-20-20	1554	EC	10/20/20	1554
	10/20/20	1930	Danny Le	10/20/20	19:30
	Date	Time	Received by:	Date	Time

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Date Time

Custody Seals Intact? Yes No

4.8/4.0 sc6

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-41564-1

Login Number: 41564
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-41744-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Ryan Haughy

Authorized for release by:
11/5/2020 5:45:44 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-41744-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-41744-1

Comments
No additional comments.

Receipt
The samples were received on 10/21/2020 6:20 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. MW-2,70 (570-41744-12), MW-2,75 (570-41744-13), MW-2,80 (570-41744-14), MW-2,85 (570-41744-15), MW-2,90 (570-41744-16), MW-2,95 (570-41744-17), MW-2,100 (570-41744-18), MW-2,105 (570-41744-19) and MW-2,110 (570-41744-20)
No analyses requested. No sample date on COC, logged in per container labels. Please refer to the attached revised COC.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-104509.

Method 8260B: The initial calibration curve analyzed in batch 570-104518 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method 8260B. Refer to the QC Sample Results section of this report.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-104518.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-104939.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 104058.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-104833.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,10 — Lab Sample ID: 570-41744-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00043	J	0.0011	0.00028	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,15 — Lab Sample ID: 570-41744-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00028	J	0.0011	0.00028	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,20 — Lab Sample ID: 570-41744-3

No Detections.

Client Sample ID: MW-2,25 — Lab Sample ID: 570-41744-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00022	J	0.00085	0.00022	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,30 — Lab Sample ID: 570-41744-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00052	J	0.00090	0.00023	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,35 — Lab Sample ID: 570-41744-6

No Detections.

Client Sample ID: MW-2,40 — Lab Sample ID: 570-41744-7

No Detections.

Client Sample ID: MW-2,45 — Lab Sample ID: 570-41744-8

No Detections.

Client Sample ID: MW-2,50 — Lab Sample ID: 570-41744-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0089	J	0.017	0.0083	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,55 — Lab Sample ID: 570-41744-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010	J	0.017	0.0086	mg/Kg	1		8260B	Total/NA
Benzene	0.00037	J	0.00087	0.00022	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00042	J	0.0087	0.00035	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,65 — Lab Sample ID: 570-41744-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.019	0.0092	mg/Kg	1		8260B	Total/NA
Benzene	0.018		0.00094	0.00024	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0073	J	0.019	0.0042	mg/Kg	1		8260B	Total/NA
1,2-Dichloroethane	0.0015		0.00094	0.00026	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0057		0.00094	0.00019	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.015		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.024		0.0019	0.00045	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00048	J	0.00094	0.00020	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.0010	J	0.0019	0.00056	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2,65 (Continued) — Lab Sample ID: 570-41744-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.011		0.00094	0.00056	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.011	J	0.019	0.0066	mg/Kg	1		8260B	Total/NA
Toluene	0.020		0.00094	0.00056	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0074		0.0019	0.00056	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0024		0.0019	0.00056	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.035		0.0028	0.00066	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.88		0.096	0.053	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,70 — Lab Sample ID: 570-41744-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018	J	0.021	0.010	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0096	J	0.021	0.0048	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.039		0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Isopropylbenzene	0.0011		0.0011	0.00064	mg/Kg	1		8260B	Total/NA
4-Methyl-2-pentanone	0.0051	J	0.021	0.0031	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.14		0.0021	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.13		0.0021	0.00050	mg/Kg	1		8260B	Total/NA
Naphthalene	0.015		0.011	0.0055	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.0011		0.0011	0.00022	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.0029		0.0021	0.00064	mg/Kg	1		8260B	Total/NA
o-Xylene	0.080		0.0011	0.00064	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.062		0.021	0.0074	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.026		0.0021	0.00064	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0073		0.0021	0.00064	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.21		0.0032	0.00075	mg/Kg	1		8260B	Total/NA
Benzene - DL	0.54		0.10	0.026	mg/Kg	50		8260B	Total/NA
Toluene - DL	0.81		0.10	0.060	mg/Kg	50		8260B	Total/NA
TPH as Gasoline (C4-C12)	3.9		0.10	0.057	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,75 — Lab Sample ID: 570-41744-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00046	J	0.0013	0.00032	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00028	J	0.0013	0.00026	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0035		0.0025	0.00024	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0014	J	0.0025	0.00060	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.048		0.025	0.0088	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0011	J	0.0025	0.00076	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0014	J	0.0038	0.00089	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.16		0.12	0.069	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,80 — Lab Sample ID: 570-41744-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00056	J	0.0013	0.00033	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0020	J	0.0025	0.00024	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.021	J	0.025	0.0089	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,85 — Lab Sample ID: 570-41744-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00070	J	0.0012	0.00031	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2,85 (Continued) — Lab Sample ID: 570-41744-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.00026	J	0.0012	0.00025	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0011	J	0.0024	0.00023	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.012	J	0.024	0.0084	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,90 — Lab Sample ID: 570-41744-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00061	J	0.0011	0.00029	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00049	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0017	J	0.0022	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00095	J	0.0022	0.00053	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.012	J	0.022	0.0078	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.00095	J	0.0034	0.00079	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,95 — Lab Sample ID: 570-41744-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00052	J	0.0014	0.00036	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0015	J	0.0028	0.00026	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.014	J	0.028	0.0097	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,100 — Lab Sample ID: 570-41744-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	0.00097	J	0.0023	0.00022	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.013	J	0.023	0.0082	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,105 — Lab Sample ID: 570-41744-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00035	J	0.0012	0.00030	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00043	J	0.0012	0.00024	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0011	J	0.0023	0.00022	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0015	J	0.0023	0.00055	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00072	J	0.0012	0.00070	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0085	J	0.023	0.0081	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00086	J	0.0023	0.00070	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0022	J	0.0035	0.00082	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,110 — Lab Sample ID: 570-41744-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00067	J	0.0012	0.00030	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00035	J	0.0012	0.00024	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00069	J	0.0023	0.00022	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0013	J	0.0023	0.00055	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0081	J	0.023	0.0081	mg/Kg	1		8260B	Total/NA
Toluene	0.0010	J	0.0012	0.00069	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0013	J	0.0035	0.00081	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,115 — Lab Sample ID: 570-41744-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00034	J	0.0012	0.00031	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2,115 (Continued) — Lab Sample ID: 570-41744-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.00030	J	0.0012	0.00025	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0020	J	0.0024	0.00023	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0013	J	0.0024	0.00057	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.032		0.024	0.0084	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00077	J	0.0024	0.00072	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0013	J	0.0036	0.00084	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-2,120 — Lab Sample ID: 570-41744-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017	J	0.021	0.010	mg/Kg	1		8260B	Total/NA
Benzene	0.00038	J	0.0011	0.00027	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00054	J	0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.012		0.0021	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0025		0.0021	0.00050	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0015		0.0011	0.00064	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.080		0.021	0.0074	mg/Kg	1		8260B	Total/NA
Toluene	0.0010	J	0.0011	0.00064	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0012	J	0.0021	0.00064	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0040		0.0032	0.00075	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.21		0.094	0.052	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,125 — Lab Sample ID: 570-41744-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.018	0.0091	mg/Kg	1		8260B	Total/NA
Benzene	0.0063		0.00092	0.00024	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0042		0.00092	0.00019	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.029		0.0018	0.00017	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.018		0.0018	0.00044	mg/Kg	1		8260B	Total/NA
Naphthalene	0.0080	J	0.0092	0.0048	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00065	J	0.0018	0.00055	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0073		0.00092	0.00055	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.089		0.018	0.0064	mg/Kg	1		8260B	Total/NA
Toluene	0.0077		0.00092	0.00055	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0080		0.0018	0.00055	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0023		0.0018	0.00055	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.025		0.0028	0.00065	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.34		0.097	0.054	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,130 — Lab Sample ID: 570-41744-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00044	J	0.0011	0.00027	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00050	J	0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0019	J	0.0021	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0024		0.0021	0.00050	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00074	J	0.0011	0.00064	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.041		0.021	0.0074	mg/Kg	1		8260B	Total/NA
Toluene	0.00087	J	0.0011	0.00064	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0013	J	0.0021	0.00064	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0031	J	0.0032	0.00075	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2,130 (Continued) — Lab Sample ID: 570-41744-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C12)	0.072	J	0.12	0.064	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,135 — Lab Sample ID: 570-41744-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019	J	0.020	0.010	mg/Kg	1		8260B	Total/NA
Benzene	0.00069	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0013		0.0010	0.00021	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0036		0.0020	0.00019	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0058		0.0020	0.00048	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.0012		0.0010	0.00021	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0022		0.0010	0.00061	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.066		0.020	0.0071	mg/Kg	1		8260B	Total/NA
Toluene	0.0016		0.0010	0.00061	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0064		0.0020	0.00061	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0021		0.0020	0.00061	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0080		0.0031	0.00072	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.28		0.10	0.057	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,140 — Lab Sample ID: 570-41744-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012	J	0.019	0.0093	mg/Kg	1		8260B	Total/NA
Benzene	0.030		0.00095	0.00024	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.013		0.00095	0.00020	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.044		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.041		0.0019	0.00045	mg/Kg	1		8260B	Total/NA
Naphthalene	0.011		0.0095	0.0049	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00068	J	0.0019	0.00057	mg/Kg	1		8260B	Total/NA
o-Xylene	0.012		0.00095	0.00057	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.078		0.019	0.0066	mg/Kg	1		8260B	Total/NA
Toluene	0.013		0.00095	0.00057	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0094		0.0019	0.00057	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0023		0.0019	0.00057	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.053		0.0028	0.00067	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.22		0.11	0.061	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,145 — Lab Sample ID: 570-41744-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0033		0.00096	0.00025	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0030		0.00096	0.00020	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0098		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.010		0.0019	0.00046	mg/Kg	1		8260B	Total/NA
Naphthalene	0.0051	J	0.0096	0.0050	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00033	J	0.00096	0.00020	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0034		0.00096	0.00058	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.018	J	0.019	0.0067	mg/Kg	1		8260B	Total/NA
Toluene	0.0038		0.00096	0.00058	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0045		0.0019	0.00058	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0012	J	0.0019	0.00058	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.013		0.0029	0.00068	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2,145 (Continued) — Lab Sample ID: 570-41744-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C12)	0.23		0.097	0.054	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,150 — Lab Sample ID: 570-41744-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0013		0.00097	0.00025	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0018		0.00097	0.00020	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0056		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0067		0.0019	0.00046	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0028		0.00097	0.00058	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.012	J	0.019	0.0068	mg/Kg	1		8260B	Total/NA
Toluene	0.0028		0.00097	0.00058	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0032		0.0019	0.00058	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.00097	J	0.0019	0.00058	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0095		0.0029	0.00068	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.064	J	0.099	0.055	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-2,60 — Lab Sample ID: 570-41744-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00034	J	0.00097	0.00025	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,10
Date Collected: 10/21/20 09:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.011	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Benzene	**0.00043**	**J**	0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Bromochloromethane	ND		0.0021	0.00048	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Bromoform	ND		0.0054	0.0014	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Bromomethane	ND		0.021	0.0070	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
2-Butanone	ND		0.021	0.0048	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0072	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Dichlorodifluoromethane	ND		0.0021	0.00049	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1-Dichloropropene	ND		0.0021	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Ethanol	ND		0.27	0.071	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
2-Hexanone	ND		0.021	0.0033	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Isopropylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
4-Methyl-2-pentanone	ND		0.021	0.0031	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
m,p-Xylene	ND		0.0021	0.00051	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Naphthalene	ND		0.011	0.0056	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
N-Propylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
o-Xylene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
p-Isopropyltoluene	ND		0.0011	0.00075	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
sec-Butylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,10
Date Collected: 10/21/20 09:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00075	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0075	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00058	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Toluene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
t-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0011	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00044	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2,3-Trichloropropane	ND		0.0021	0.00045	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/22/20 17:28	10/26/20 14:05	1
Xylenes, Total	ND		0.0032	0.00075	mg/Kg		10/22/20 17:28	10/26/20 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:05*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/22/20 17:28*	*10/26/20 14:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*	*10/22/20 17:28*	*10/26/20 14:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:05*	*1*

Client Sample ID: MW-2,15
Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Benzene	**0.00028**	**J**	0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Bromoform	ND		0.0055	0.0014	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Bromomethane	ND		0.022	0.0072	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
2-Butanone	ND		0.022	0.0049	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Chloroethane	ND		0.0022	0.0016	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Chloroform	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,15
Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
c-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0074	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Ethanol	ND		0.27	0.072	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Isopropylbenzene	ND		0.0011	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
m,p-Xylene	ND		0.0022	0.00052	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Naphthalene	ND		0.011	0.0057	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
N-Propylbenzene	ND		0.0022	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
o-Xylene	ND		0.0011	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
p-Isopropyltoluene	ND		0.0011	0.00077	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
sec-Butylbenzene	ND		0.0011	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Styrene	ND		0.0011	0.00077	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Toluene	ND		0.0011	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,15
Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/22/20 17:28	10/26/20 14:33	1
Xylenes, Total	ND		0.0033	0.00077	mg/Kg		10/22/20 17:28	10/26/20 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:33*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/22/20 17:28*	*10/26/20 14:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*	*10/22/20 17:28*	*10/26/20 14:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:33*	*1*

Client Sample ID: MW-2,20
Date Collected: 10/21/20 09:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Benzene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Bromomethane	ND		0.020	0.0065	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
2-Butanone	ND		0.020	0.0045	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0067	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Dibromomethane	ND		0.0010	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2-Dichloroethane	ND		0.0010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1-Dichloroethene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2-Dichloropropane	ND		0.0010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,3-Dichloropropane	ND		0.0010	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,20
Date Collected: 10/21/20 09:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Ethanol	ND		0.25	0.066	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
o-Xylene	ND		0.0010	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Styrene	ND		0.0010	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Toluene	ND		0.0010	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/22/20 17:28	10/26/20 15:01	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:01*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/22/20 17:28*	*10/26/20 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*	*10/22/20 17:28*	*10/26/20 15:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,25
Date Collected: 10/21/20 09:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.017	0.0084	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Benzene	**0.00022**	**J**	0.00085	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Bromobenzene	ND		0.00085	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Bromochloromethane	ND		0.0017	0.00038	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Bromodichloromethane	ND		0.00085	0.00014	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Bromoform	ND		0.0043	0.0011	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Bromomethane	ND		0.017	0.0056	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
2-Butanone	ND		0.017	0.0038	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Carbon disulfide	ND		0.0085	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Carbon tetrachloride	ND		0.00085	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Chlorobenzene	ND		0.00085	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Chloroform	ND		0.00085	0.00050	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
2-Chlorotoluene	ND		0.00085	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
4-Chlorotoluene	ND		0.00085	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
c-1,2-Dichloroethene	ND		0.00085	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
c-1,3-Dichloropropene	ND		0.00085	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Dibromochloromethane	ND		0.0017	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2-Dibromo-3-Chloropropane	ND		0.0085	0.0058	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2-Dibromoethane	ND		0.00085	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Dibromomethane	ND		0.00085	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2-Dichlorobenzene	ND		0.00085	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,3-Dichlorobenzene	ND		0.00085	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,4-Dichlorobenzene	ND		0.00085	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Dichlorodifluoromethane	ND		0.0017	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1-Dichloroethane	ND		0.00085	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2-Dichloroethane	ND		0.00085	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1-Dichloroethene	ND		0.00085	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2-Dichloropropane	ND		0.00085	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,3-Dichloropropane	ND		0.00085	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
2,2-Dichloropropane	ND		0.0043	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1-Dichloropropene	ND		0.0017	0.00033	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Di-isopropyl ether (DIPE)	ND		0.00085	0.00043	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Ethanol	ND		0.21	0.056	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Ethylbenzene	ND		0.00085	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.00085	0.00020	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
2-Hexanone	ND		0.017	0.0026	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Isopropylbenzene	ND		0.00085	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Methylene Chloride	ND		0.0085	0.0027	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
4-Methyl-2-pentanone	ND		0.017	0.0025	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0017	0.00016	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
m,p-Xylene	ND		0.0017	0.00040	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Naphthalene	ND		0.0085	0.0044	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
n-Butylbenzene	ND		0.00085	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
N-Propylbenzene	ND		0.0017	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
o-Xylene	ND		0.00085	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
p-Isopropyltoluene	ND		0.00085	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
sec-Butylbenzene	ND		0.00085	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,25
Date Collected: 10/21/20 09:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00085	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Tert-amyl-methyl ether (TAME)	ND		0.00085	0.00017	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0059	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
tert-Butylbenzene	ND		0.00085	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1,1,2-Tetrachloroethane	ND		0.00085	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00046	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Tetrachloroethene	ND		0.00085	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Toluene	ND		0.00085	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
t-1,2-Dichloroethene	ND		0.00085	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
t-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00085	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1,1-Trichloroethane	ND		0.00085	0.00020	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1,2-Trichloroethane	ND		0.00085	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Trichloroethene	ND		0.0017	0.00033	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Trichlorofluoromethane	ND		0.0085	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2,3-Trichloropropane	ND		0.0017	0.00036	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0085	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Vinyl acetate	ND		0.0085	0.0033	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Vinyl chloride	ND		0.00085	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:28	1
Xylenes, Total	ND		0.0026	0.00060	mg/Kg		10/22/20 17:28	10/26/20 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:28*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/22/20 17:28*	*10/26/20 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 155*	*10/22/20 17:28*	*10/26/20 15:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:28*	*1*

Client Sample ID: MW-2,30
Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.018	0.0088	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Benzene	**0.00052**	**J**	0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Bromobenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Bromochloromethane	ND		0.0018	0.00040	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Bromodichloromethane	ND		0.00090	0.00014	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Bromoform	ND		0.0045	0.0012	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Bromomethane	ND		0.018	0.0059	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
2-Butanone	ND		0.018	0.0041	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Carbon disulfide	ND		0.0090	0.00036	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Carbon tetrachloride	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Chlorobenzene	ND		0.00090	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Chloroethane	ND		0.0018	0.0013	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Chloroform	ND		0.00090	0.00053	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
2-Chlorotoluene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
4-Chlorotoluene	ND		0.00090	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,30
Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00090	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
c-1,3-Dichloropropene	ND		0.00090	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2-Dibromo-3-Chloropropane	ND		0.0090	0.0061	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2-Dibromoethane	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Dibromomethane	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2-Dichlorobenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,3-Dichlorobenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,4-Dichlorobenzene	ND		0.00090	0.00028	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Dichlorodifluoromethane	ND		0.0018	0.00041	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1-Dichloroethane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2-Dichloroethane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1-Dichloroethene	ND		0.00090	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2-Dichloropropane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,3-Dichloropropane	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
2,2-Dichloropropane	ND		0.0045	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1-Dichloropropene	ND		0.0018	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Di-isopropyl ether (DIPE)	ND		0.00090	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Ethanol	ND		0.22	0.059	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Ethylbenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.00090	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
2-Hexanone	ND		0.018	0.0028	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Isopropylbenzene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Methylene Chloride	ND		0.0090	0.0028	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
m,p-Xylene	ND		0.0018	0.00043	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Naphthalene	ND		0.0090	0.0047	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
n-Butylbenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
N-Propylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
o-Xylene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
p-Isopropyltoluene	ND		0.00090	0.00063	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
sec-Butylbenzene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Styrene	ND		0.00090	0.00063	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Tert-amyl-methyl ether (TAME)	ND		0.00090	0.00017	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0063	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
tert-Butylbenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1,1,2-Tetrachloroethane	ND		0.00090	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00049	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Tetrachloroethene	ND		0.00090	0.00020	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Toluene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
t-1,2-Dichloroethene	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00090	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00037	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1,1-Trichloroethane	ND		0.00090	0.00021	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1,2-Trichloroethane	ND		0.00090	0.00042	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Trichloroethene	ND		0.0018	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Trichlorofluoromethane	ND		0.0090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 15:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,30
Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0018	0.00038	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0090	0.00042	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Vinyl acetate	ND		0.0090	0.0035	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Vinyl chloride	ND		0.00090	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:56	1
Xylenes, Total	ND		0.0027	0.00063	mg/Kg		10/22/20 17:28	10/26/20 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:56*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*10/22/20 17:28*	*10/26/20 15:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*10/22/20 17:28*	*10/26/20 15:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:56*	*1*

Client Sample ID: MW-2,35
Date Collected: 10/21/20 10:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0091	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Benzene	ND		0.00093	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Bromobenzene	ND		0.00093	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Bromochloromethane	ND		0.0019	0.00041	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Bromodichloromethane	ND		0.00093	0.00015	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Bromoform	ND		0.0046	0.0012	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Bromomethane	ND		0.019	0.0061	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
2-Butanone	ND		0.019	0.0042	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Carbon disulfide	ND		0.0093	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Carbon tetrachloride	ND		0.00093	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Chlorobenzene	ND		0.00093	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Chloroform	ND		0.00093	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Chloromethane	ND		0.019	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
2-Chlorotoluene	ND		0.00093	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
4-Chlorotoluene	ND		0.00093	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
c-1,2-Dichloroethene	ND		0.00093	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
c-1,3-Dichloropropene	ND		0.00093	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Dibromochloromethane	ND		0.0019	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2-Dibromo-3-Chloropropane	ND		0.0093	0.0063	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2-Dibromoethane	ND		0.00093	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Dibromomethane	ND		0.00093	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,3-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,4-Dichlorobenzene	ND		0.00093	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Dichlorodifluoromethane	ND		0.0019	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1-Dichloroethene	ND		0.00093	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2-Dichloropropane	ND		0.00093	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,3-Dichloropropane	ND		0.00093	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
2,2-Dichloropropane	ND		0.0046	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,35
Date Collected: 10/21/20 10:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Di-isopropyl ether (DIPE)	ND		0.00093	0.00046	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Ethanol	ND		0.23	0.061	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Ethylbenzene	ND		0.00093	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.00093	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Isopropylbenzene	ND		0.00093	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Methylene Chloride	ND		0.0093	0.0029	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
4-Methyl-2-pentanone	ND		0.019	0.0027	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00017	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
m,p-Xylene	ND		0.0019	0.00044	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Naphthalene	ND		0.0093	0.0048	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
n-Butylbenzene	ND		0.00093	0.00020	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
N-Propylbenzene	ND		0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
o-Xylene	ND		0.00093	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
p-Isopropyltoluene	ND		0.00093	0.00065	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
sec-Butylbenzene	ND		0.00093	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Styrene	ND		0.00093	0.00065	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Tert-amyl-methyl ether (TAME)	ND		0.00093	0.00018	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0065	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
tert-Butylbenzene	ND		0.00093	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1,1,2-Tetrachloroethane	ND		0.00093	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00050	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Tetrachloroethene	ND		0.00093	0.00021	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Toluene	ND		0.00093	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
t-1,2-Dichloroethene	ND		0.00093	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
t-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00093	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00038	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1,1-Trichloroethane	ND		0.00093	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1,2-Trichloroethane	ND		0.00093	0.00043	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Trichlorofluoromethane	ND		0.0093	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0093	0.00043	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Vinyl acetate	ND		0.0093	0.0036	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Vinyl chloride	ND		0.00093	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:24	1
Xylenes, Total	ND		0.0028	0.00065	mg/Kg		10/22/20 17:28	10/26/20 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:24*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/22/20 17:28*	*10/26/20 16:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/22/20 17:28*	*10/26/20 16:24*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,40
Date Collected: 10/21/20 10:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.018	0.0089	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Benzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Bromobenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Bromochloromethane	ND		0.0018	0.00040	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Bromodichloromethane	ND		0.00090	0.00014	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Bromoform	ND		0.0045	0.0012	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Bromomethane	ND		0.018	0.0059	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
2-Butanone	ND		0.018	0.0041	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Carbon disulfide	ND		0.0090	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Carbon tetrachloride	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Chlorobenzene	ND		0.00090	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Chloroethane	ND		0.0018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Chloroform	ND		0.00090	0.00053	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
2-Chlorotoluene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
4-Chlorotoluene	ND		0.00090	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
c-1,2-Dichloroethene	ND		0.00090	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
c-1,3-Dichloropropene	ND		0.00090	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2-Dibromo-3-Chloropropane	ND		0.0090	0.0061	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2-Dibromoethane	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Dibromomethane	ND		0.00090	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2-Dichlorobenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,3-Dichlorobenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,4-Dichlorobenzene	ND		0.00090	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Dichlorodifluoromethane	ND		0.0018	0.00041	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1-Dichloroethane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2-Dichloroethane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1-Dichloroethene	ND		0.00090	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2-Dichloropropane	ND		0.00090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,3-Dichloropropane	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
2,2-Dichloropropane	ND		0.0045	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1-Dichloropropene	ND		0.0018	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Di-isopropyl ether (DIPE)	ND		0.00090	0.00045	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Ethanol	ND		0.23	0.060	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Ethylbenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.00090	0.00021	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
2-Hexanone	ND		0.018	0.0028	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Isopropylbenzene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Methylene Chloride	ND		0.0090	0.0028	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
m,p-Xylene	ND		0.0018	0.00043	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Naphthalene	ND		0.0090	0.0047	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
n-Butylbenzene	ND		0.00090	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
N-Propylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
o-Xylene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
p-Isopropyltoluene	ND		0.00090	0.00063	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
sec-Butylbenzene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,40
Date Collected: 10/21/20 10:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00090	0.00063	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Tert-amyl-methyl ether (TAME)	ND		0.00090	0.00018	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0063	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
tert-Butylbenzene	ND		0.00090	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1,1,2-Tetrachloroethane	ND		0.00090	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00049	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Tetrachloroethene	ND		0.00090	0.00020	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Toluene	ND		0.00090	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
t-1,2-Dichloroethene	ND		0.00090	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00090	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1,1-Trichloroethane	ND		0.00090	0.00021	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1,2-Trichloroethane	ND		0.00090	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Trichloroethene	ND		0.0018	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Trichlorofluoromethane	ND		0.0090	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2,3-Trichloropropane	ND		0.0018	0.00038	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0090	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Vinyl acetate	ND		0.0090	0.0035	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Vinyl chloride	ND		0.00090	0.00034	mg/Kg		10/22/20 17:28	10/26/20 16:52	1
Xylenes, Total	ND		0.0027	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:52*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/22/20 17:28*	*10/26/20 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*10/22/20 17:28*	*10/26/20 16:52*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:52*	*1*

Client Sample ID: MW-2,45
Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.018	0.0087	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Benzene	ND		0.00089	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Bromobenzene	ND		0.00089	0.00018	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Bromochloromethane	ND		0.0018	0.00039	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Bromodichloromethane	ND		0.00089	0.00014	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Bromoform	ND		0.0044	0.0012	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Bromomethane	ND		0.018	0.0058	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
2-Butanone	ND		0.018	0.0040	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Carbon disulfide	ND		0.0089	0.00035	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Carbon tetrachloride	ND		0.00089	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Chlorobenzene	ND		0.00089	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Chloroethane	ND		0.0018	0.0013	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Chloroform	ND		0.00089	0.00052	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
2-Chlorotoluene	ND		0.00089	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
4-Chlorotoluene	ND		0.00089	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,45
Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00089	0.00030	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
c-1,3-Dichloropropene	ND		0.00089	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Dibromochloromethane	ND		0.0018	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2-Dibromo-3-Chloropropane	ND		0.0089	0.0060	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2-Dibromoethane	ND		0.00089	0.00018	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Dibromomethane	ND		0.00089	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2-Dichlorobenzene	ND		0.00089	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,3-Dichlorobenzene	ND		0.00089	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,4-Dichlorobenzene	ND		0.00089	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Dichlorodifluoromethane	ND		0.0018	0.00040	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1-Dichloroethane	ND		0.00089	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2-Dichloroethane	ND		0.00089	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1-Dichloroethene	ND		0.00089	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2-Dichloropropane	ND		0.00089	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,3-Dichloropropane	ND		0.00089	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1-Dichloropropene	ND		0.0018	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Di-isopropyl ether (DIPE)	ND		0.00089	0.00044	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Ethanol	ND		0.22	0.058	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Ethylbenzene	ND		0.00089	0.00018	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.00089	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
2-Hexanone	ND		0.018	0.0027	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Isopropylbenzene	ND		0.00089	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Methylene Chloride	ND		0.0089	0.0028	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
m,p-Xylene	ND		0.0018	0.00042	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Naphthalene	ND		0.0089	0.0046	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
n-Butylbenzene	ND		0.00089	0.00019	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
N-Propylbenzene	ND		0.0018	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
o-Xylene	ND		0.00089	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
p-Isopropyltoluene	ND		0.00089	0.00062	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
sec-Butylbenzene	ND		0.00089	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Styrene	ND		0.00089	0.00062	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Tert-amyl-methyl ether (TAME)	ND		0.00089	0.00017	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0062	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
tert-Butylbenzene	ND		0.00089	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1,1,2-Tetrachloroethane	ND		0.00089	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00048	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Tetrachloroethene	ND		0.00089	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Toluene	ND		0.00089	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
t-1,2-Dichloroethene	ND		0.00089	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00089	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00036	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1,1-Trichloroethane	ND		0.00089	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1,2-Trichloroethane	ND		0.00089	0.00041	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Trichloroethene	ND		0.0018	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Trichlorofluoromethane	ND		0.0089	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,45
Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0018	0.00037	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0089	0.00041	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Vinyl acetate	ND		0.0089	0.0035	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Vinyl chloride	ND		0.00089	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:20	1
Xylenes, Total	ND		0.0027	0.00062	mg/Kg		10/22/20 17:28	10/26/20 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:20*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/22/20 17:28*	*10/26/20 17:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*10/22/20 17:28*	*10/26/20 17:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:20*	*1*

Client Sample ID: MW-2,50
Date Collected: 10/21/20 10:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0089**	**J**	0.017	0.0083	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Benzene	ND		0.00084	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Bromobenzene	ND		0.00084	0.00018	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Bromochloromethane	ND		0.0017	0.00037	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Bromodichloromethane	ND		0.00084	0.00013	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Bromoform	ND		0.0042	0.0011	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Bromomethane	ND		0.017	0.0055	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
2-Butanone	ND		0.017	0.0038	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Carbon disulfide	ND		0.0084	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Carbon tetrachloride	ND		0.00084	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Chlorobenzene	ND		0.00084	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Chloroform	ND		0.00084	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
2-Chlorotoluene	ND		0.00084	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
4-Chlorotoluene	ND		0.00084	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
c-1,2-Dichloroethene	ND		0.00084	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
c-1,3-Dichloropropene	ND		0.00084	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Dibromochloromethane	ND		0.0017	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0084	0.0057	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2-Dibromoethane	ND		0.00084	0.00017	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Dibromomethane	ND		0.00084	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2-Dichlorobenzene	ND		0.00084	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,3-Dichlorobenzene	ND		0.00084	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,4-Dichlorobenzene	ND		0.00084	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Dichlorodifluoromethane	ND		0.0017	0.00038	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1-Dichloroethane	ND		0.00084	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2-Dichloroethane	ND		0.00084	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1-Dichloroethene	ND		0.00084	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2-Dichloropropane	ND		0.00084	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,3-Dichloropropane	ND		0.00084	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
2,2-Dichloropropane	ND		0.0042	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,50
Date Collected: 10/21/20 10:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0017	0.00033	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Di-isopropyl ether (DIPE)	ND		0.00084	0.00042	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Ethanol	ND		0.21	0.055	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Ethylbenzene	ND		0.00084	0.00017	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.00084	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
2-Hexanone	ND		0.017	0.0026	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Isopropylbenzene	ND		0.00084	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Methylene Chloride	ND		0.0084	0.0026	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
4-Methyl-2-pentanone	ND		0.017	0.0024	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0017	0.00016	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
m,p-Xylene	ND		0.0017	0.00040	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Naphthalene	ND		0.0084	0.0044	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
n-Butylbenzene	ND		0.00084	0.00018	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
N-Propylbenzene	ND		0.0017	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
o-Xylene	ND		0.00084	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
p-Isopropyltoluene	ND		0.00084	0.00059	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
sec-Butylbenzene	ND		0.00084	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Styrene	ND		0.00084	0.00059	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Tert-amyl-methyl ether (TAME)	ND		0.00084	0.00016	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0059	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
tert-Butylbenzene	ND		0.00084	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1,1,2-Tetrachloroethane	ND		0.00084	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00046	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Tetrachloroethene	ND		0.00084	0.00019	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Toluene	ND		0.00084	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
t-1,2-Dichloroethene	ND		0.00084	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
t-1,3-Dichloropropene	ND		0.0017	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00084	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1,1-Trichloroethane	ND		0.00084	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1,2-Trichloroethane	ND		0.00084	0.00039	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Trichloroethene	ND		0.0017	0.00032	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Trichlorofluoromethane	ND		0.0084	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2,3-Trichloropropane	ND		0.0017	0.00035	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0084	0.00039	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Vinyl acetate	ND		0.0084	0.0033	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Vinyl chloride	ND		0.00084	0.00032	mg/Kg		10/22/20 17:28	10/26/20 17:48	1
Xylenes, Total	ND		0.0025	0.00059	mg/Kg		10/22/20 17:28	10/26/20 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:48*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/22/20 17:28*	*10/26/20 17:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*10/22/20 17:28*	*10/26/20 17:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,55
Date Collected: 10/21/20 10:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.010**	**J**	0.017	0.0086	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Benzene	**0.00037**	**J**	0.00087	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Bromobenzene	ND		0.00087	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Bromochloromethane	ND		0.0017	0.00039	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Bromodichloromethane	ND		0.00087	0.00014	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Bromoform	ND		0.0044	0.0012	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Bromomethane	ND		0.017	0.0057	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
2-Butanone	ND		0.017	0.0039	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Carbon disulfide	**0.00042**	**J**	0.0087	0.00035	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Carbon tetrachloride	ND		0.00087	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Chlorobenzene	ND		0.00087	0.00023	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Chloroform	ND		0.00087	0.00051	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
2-Chlorotoluene	ND		0.00087	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
4-Chlorotoluene	ND		0.00087	0.00021	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
c-1,2-Dichloroethene	ND		0.00087	0.00029	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
c-1,3-Dichloropropene	ND		0.00087	0.00030	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Dibromochloromethane	ND		0.0017	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2-Dibromo-3-Chloropropane	ND		0.0087	0.0059	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2-Dibromoethane	ND		0.00087	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Dibromomethane	ND		0.00087	0.00027	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,3-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,4-Dichlorobenzene	ND		0.00087	0.00027	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Dichlorodifluoromethane	ND		0.0017	0.00040	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1-Dichloroethane	ND		0.00087	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2-Dichloroethane	ND		0.00087	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1-Dichloroethene	ND		0.00087	0.00023	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2-Dichloropropane	ND		0.00087	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,3-Dichloropropane	ND		0.00087	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1-Dichloropropene	ND		0.0017	0.00034	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Di-isopropyl ether (DIPE)	ND		0.00087	0.00044	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Ethanol	ND		0.22	0.057	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Ethylbenzene	ND		0.00087	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.00087	0.00021	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
2-Hexanone	ND		0.017	0.0027	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Isopropylbenzene	ND		0.00087	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Methylene Chloride	ND		0.0087	0.0027	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
4-Methyl-2-pentanone	ND		0.017	0.0025	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0017	0.00016	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
m,p-Xylene	ND		0.0017	0.00041	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Naphthalene	ND		0.0087	0.0045	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
n-Butylbenzene	ND		0.00087	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
N-Propylbenzene	ND		0.0017	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
o-Xylene	ND		0.00087	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
p-Isopropyltoluene	ND		0.00087	0.00061	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
sec-Butylbenzene	ND		0.00087	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,55
Date Collected: 10/21/20 10:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00087	0.00061	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Tert-amyl-methyl ether (TAME)	ND		0.00087	0.00017	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0061	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
tert-Butylbenzene	ND		0.00087	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1,1,2-Tetrachloroethane	ND		0.00087	0.00025	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00047	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Tetrachloroethene	ND		0.00087	0.00019	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Toluene	ND		0.00087	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
t-1,2-Dichloroethene	ND		0.00087	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
t-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00087	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00036	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1,1-Trichloroethane	ND		0.00087	0.00020	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1,2-Trichloroethane	ND		0.00087	0.00040	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Trichloroethene	ND		0.0017	0.00034	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Trichlorofluoromethane	ND		0.0087	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2,3-Trichloropropane	ND		0.0017	0.00037	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0087	0.00040	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00052	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Vinyl acetate	ND		0.0087	0.0034	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Vinyl chloride	ND		0.00087	0.00033	mg/Kg		10/22/20 17:28	10/26/20 18:16	1
Xylenes, Total	ND		0.0026	0.00061	mg/Kg		10/22/20 17:28	10/26/20 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 18:16*	*1*
Dibromofluoromethane (Surr)	*97*		*79 - 133*	*10/22/20 17:28*	*10/26/20 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*10/22/20 17:28*	*10/26/20 18:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/26/20 18:16*	*1*

Client Sample ID: MW-2,65
Date Collected: 10/21/20 11:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.028**		0.019	0.0092	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Benzene	**0.018**		0.00094	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Bromobenzene	ND		0.00094	0.00020	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Bromodichloromethane	ND		0.00094	0.00015	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Bromoform	ND		0.0047	0.0012	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Bromomethane	ND		0.019	0.0062	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
2-Butanone	**0.0073**	**J**	0.019	0.0042	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Carbon disulfide	ND		0.0094	0.00038	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Carbon tetrachloride	ND		0.00094	0.00028	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Chlorobenzene	ND		0.00094	0.00025	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Chloroform	ND		0.00094	0.00055	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Chloromethane	ND		0.019	0.0014	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
2-Chlorotoluene	ND		0.00094	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
4-Chlorotoluene	ND		0.00094	0.00023	mg/Kg		10/22/20 17:28	10/26/20 18:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,65
Date Collected: 10/21/20 11:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00094	0.00032	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
c-1,3-Dichloropropene	ND		0.00094	0.00033	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2-Dibromo-3-Chloropropane	ND		0.0094	0.0064	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2-Dibromoethane	ND		0.00094	0.00019	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Dibromomethane	ND		0.00094	0.00029	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2-Dichlorobenzene	ND		0.00094	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,3-Dichlorobenzene	ND		0.00094	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,4-Dichlorobenzene	ND		0.00094	0.00029	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1-Dichloroethane	ND		0.00094	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2-Dichloroethane	**0.0015**		0.00094	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1-Dichloroethene	ND		0.00094	0.00025	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2-Dichloropropane	ND		0.00094	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,3-Dichloropropane	ND		0.00094	0.00028	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
2,2-Dichloropropane	ND		0.0047	0.00025	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Di-isopropyl ether (DIPE)	ND		0.00094	0.00047	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Ethanol	ND		0.23	0.062	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Ethylbenzene	**0.0057**		0.00094	0.00019	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.00094	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Isopropylbenzene	ND		0.00094	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Methylene Chloride	ND		0.0094	0.0029	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
4-Methyl-2-pentanone	ND		0.019	0.0027	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Methyl-t-Butyl Ether (MTBE)	**0.015**		0.0019	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
m,p-Xylene	**0.024**		0.0019	0.00045	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Naphthalene	ND		0.0094	0.0049	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
n-Butylbenzene	**0.00048**	**J**	0.00094	0.00020	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
N-Propylbenzene	**0.0010**	**J**	0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
o-Xylene	**0.011**		0.00094	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
p-Isopropyltoluene	ND		0.00094	0.00066	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
sec-Butylbenzene	ND		0.00094	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Styrene	ND		0.00094	0.00066	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Tert-amyl-methyl ether (TAME)	ND		0.00094	0.00018	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
tert-Butyl alcohol (TBA)	**0.011**	**J**	0.019	0.0066	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
tert-Butylbenzene	ND		0.00094	0.00024	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1,1,2-Tetrachloroethane	ND		0.00094	0.00027	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Tetrachloroethene	ND		0.00094	0.00021	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Toluene	**0.020**		0.00094	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
t-1,2-Dichloroethene	ND		0.00094	0.00028	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
t-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00094	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1,1-Trichloroethane	ND		0.00094	0.00022	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1,2-Trichloroethane	ND		0.00094	0.00044	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Trichlorofluoromethane	ND		0.0094	0.00026	mg/Kg		10/22/20 17:28	10/26/20 18:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,65
Date Collected: 10/21/20 11:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0094	0.00043	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,2,4-Trimethylbenzene	**0.0074**		0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
1,3,5-Trimethylbenzene	**0.0024**		0.0019	0.00056	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Vinyl acetate	ND		0.0094	0.0037	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Vinyl chloride	ND		0.00094	0.00036	mg/Kg		10/22/20 17:28	10/26/20 18:43	1
Xylenes, Total	**0.035**		0.0028	0.00066	mg/Kg		10/22/20 17:28	10/26/20 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 18:43*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/22/20 17:28*	*10/26/20 18:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*10/22/20 17:28*	*10/26/20 18:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:28*	*10/26/20 18:43*	*1*

Client Sample ID: MW-2,70
Date Collected: 10/21/20 11:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.018**	**J**	0.021	0.010	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Bromoform	ND		0.0053	0.0014	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Bromomethane	ND		0.021	0.0070	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
2-Butanone	**0.0096**	**J**	0.021	0.0048	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0072	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/28/20 01:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,70
Date Collected: 10/21/20 11:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Ethanol	ND		0.27	0.070	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Ethylbenzene	**0.039**		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
2-Hexanone	ND		0.021	0.0033	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Isopropylbenzene	**0.0011**		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
4-Methyl-2-pentanone	**0.0051**	**J**	0.021	0.0031	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Methyl-t-Butyl Ether (MTBE)	**0.14**		0.0021	0.00020	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
m,p-Xylene	**0.13**		0.0021	0.00050	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Naphthalene	**0.015**		0.011	0.0055	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
n-Butylbenzene	**0.0011**		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
N-Propylbenzene	**0.0029**		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
o-Xylene	**0.080**		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
p-Isopropyltoluene	ND		0.0011	0.00074	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
sec-Butylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Styrene	ND		0.0011	0.00074	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
tert-Butyl alcohol (TBA)	**0.062**		0.021	0.0074	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00058	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
t-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0011	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00044	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2,3-Trichloropropane	ND		0.0021	0.00045	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,2,4-Trimethylbenzene	**0.026**		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
1,3,5-Trimethylbenzene	**0.0073**		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg		10/22/20 17:28	10/28/20 01:50	1
Xylenes, Total	**0.21**		0.0032	0.00075	mg/Kg		10/22/20 17:28	10/28/20 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/22/20 17:28*	*10/28/20 01:50*	*1*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*10/22/20 17:28*	*10/28/20 01:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*71 - 155*	*10/22/20 17:28*	*10/28/20 01:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/22/20 17:28*	*10/28/20 01:50*	*1*

Client Sample ID: MW-2,75
Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.025	0.012	mg/Kg		10/22/20 17:28	10/26/20 12:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,75
Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00046**	**J**	0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Bromobenzene	ND		0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Bromochloromethane	ND		0.0025	0.00056	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Bromodichloromethane	ND		0.0013	0.00020	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Bromoform	ND		0.0063	0.0017	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Bromomethane	ND	*	0.025	0.0083	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
2-Butanone	ND		0.025	0.0057	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Carbon disulfide	ND		0.013	0.00050	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Carbon tetrachloride	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Chlorobenzene	ND		0.0013	0.00034	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Chloroethane	ND		0.0025	0.0019	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Chloroform	ND		0.0013	0.00074	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Chloromethane	ND	*	0.025	0.0019	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
4-Chlorotoluene	ND		0.0013	0.00030	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
c-1,2-Dichloroethene	ND		0.0013	0.00042	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
c-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0085	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Dibromomethane	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,4-Dichlorobenzene	ND		0.0013	0.00039	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1-Dichloroethane	ND		0.0013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1-Dichloroethene	ND		0.0013	0.00033	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2-Dichloropropane	ND		0.0013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,3-Dichloropropane	ND		0.0013	0.00037	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
2,2-Dichloropropane	ND		0.0063	0.00034	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00063	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Ethanol	ND		0.31	0.083	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Ethylbenzene	**0.00028**	**J**	0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
2-Hexanone	ND		0.025	0.0039	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Isopropylbenzene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Methylene Chloride	ND		0.013	0.0039	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
4-Methyl-2-pentanone	ND		0.025	0.0037	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Methyl-t-Butyl Ether (MTBE)	**0.0035**		0.0025	0.00024	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
m,p-Xylene	**0.0014**	**J**	0.0025	0.00060	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Naphthalene	ND		0.013	0.0066	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
n-Butylbenzene	ND		0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
N-Propylbenzene	ND		0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
o-Xylene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
p-Isopropyltoluene	ND		0.0013	0.00088	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
sec-Butylbenzene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Styrene	ND		0.0013	0.00088	mg/Kg		10/22/20 17:28	10/26/20 12:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,75
Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00024	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
tert-Butyl alcohol (TBA)	**0.048**		0.025	0.0088	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00037	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00069	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Toluene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
t-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
t-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2,3-Trichlorobenzene	ND		0.0025	0.0013	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00052	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1,1-Trichloroethane	ND		0.0013	0.00029	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1,2-Trichloroethane	ND		0.0013	0.00058	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Trichloroethene	ND		0.0025	0.00049	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Trichlorofluoromethane	ND		0.013	0.00034	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2,3-Trichloropropane	ND		0.0025	0.00053	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00058	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,2,4-Trimethylbenzene	**0.0011**	**J**	0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Vinyl acetate	ND		0.013	0.0049	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Vinyl chloride	ND	*	0.0013	0.00048	mg/Kg		10/22/20 17:28	10/26/20 12:36	1
Xylenes, Total	**0.0014**	**J**	0.0038	0.00089	mg/Kg		10/22/20 17:28	10/26/20 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/22/20 17:28*	*10/26/20 12:36*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/22/20 17:28*	*10/26/20 12:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*	*10/22/20 17:28*	*10/26/20 12:36*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 12:36*	*1*

Client Sample ID: MW-2,80
Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.025	0.013	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Benzene	**0.00056**	**J**	0.0013	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Bromobenzene	ND		0.0013	0.00027	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Bromochloromethane	ND		0.0025	0.00057	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Bromodichloromethane	ND		0.0013	0.00020	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Bromoform	ND		0.0064	0.0017	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Bromomethane	ND	*	0.025	0.0084	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
2-Butanone	ND		0.025	0.0057	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Carbon disulfide	ND		0.013	0.00051	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Carbon tetrachloride	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Chlorobenzene	ND		0.0013	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Chloroethane	ND		0.0025	0.0019	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Chloroform	ND		0.0013	0.00075	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Chloromethane	ND	*	0.025	0.0020	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
4-Chlorotoluene	ND		0.0013	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
c-1,2-Dichloroethene	ND		0.0013	0.00043	mg/Kg		10/22/20 17:28	10/26/20 13:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,80
Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Dibromochloromethane	ND		0.0025	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0086	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Dibromomethane	ND		0.0013	0.00039	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,4-Dichlorobenzene	ND		0.0013	0.00039	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Dichlorodifluoromethane	ND		0.0025	0.00058	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1-Dichloroethane	ND		0.0013	0.00036	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1-Dichloroethene	ND		0.0013	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2-Dichloropropane	ND		0.0013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,3-Dichloropropane	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
2,2-Dichloropropane	ND		0.0064	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00064	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Ethanol	ND		0.32	0.084	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Ethylbenzene	ND		0.0013	0.00026	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
2-Hexanone	ND		0.025	0.0039	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Isopropylbenzene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Methylene Chloride	ND		0.013	0.0040	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
4-Methyl-2-pentanone	ND		0.025	0.0037	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Methyl-t-Butyl Ether (MTBE)	**0.0020**	**J**	0.0025	0.00024	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
m,p-Xylene	ND		0.0025	0.00060	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Naphthalene	ND		0.013	0.0066	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
n-Butylbenzene	ND		0.0013	0.00027	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
N-Propylbenzene	ND		0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
o-Xylene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
p-Isopropyltoluene	ND		0.0013	0.00089	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
sec-Butylbenzene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Styrene	ND		0.0013	0.00089	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
tert-Butyl alcohol (TBA)	**0.021**	**J**	0.025	0.0089	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00037	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00069	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Toluene	ND		0.0013	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
t-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
t-1,3-Dichloropropene	ND		0.0025	0.00036	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2,3-Trichlorobenzene	ND		0.0025	0.0013	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00052	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1,1-Trichloroethane	ND		0.0013	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,1,2-Trichloroethane	ND		0.0013	0.00059	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Trichloroethene	ND		0.0025	0.00049	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Trichlorofluoromethane	ND		0.013	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2,3-Trichloropropane	ND		0.0025	0.00053	mg/Kg		10/22/20 17:28	10/26/20 13:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,80
Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00059	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00076	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Vinyl acetate	ND		0.013	0.0050	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Vinyl chloride	ND	*	0.0013	0.00048	mg/Kg		10/22/20 17:28	10/26/20 13:02	1
Xylenes, Total	ND		0.0038	0.00090	mg/Kg		10/22/20 17:28	10/26/20 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:02*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/22/20 17:28*	*10/26/20 13:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*	*10/22/20 17:28*	*10/26/20 13:02*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:02*	*1*

Client Sample ID: MW-2,85
Date Collected: 10/21/20 11:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Benzene	**0.00070**	**J**	0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Bromoform	ND		0.0060	0.0016	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Bromomethane	ND	*	0.024	0.0079	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
2-Butanone	ND		0.024	0.0055	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Chloroform	ND		0.0012	0.00071	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Chloromethane	ND	*	0.024	0.0019	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
c-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
c-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0082	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg		10/22/20 17:28	10/26/20 13:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,85
Date Collected: 10/21/20 11:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Ethanol	ND		0.30	0.080	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Ethylbenzene	**0.00026**	**J**	0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
2-Hexanone	ND		0.024	0.0037	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Isopropylbenzene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
4-Methyl-2-pentanone	ND		0.024	0.0035	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Methyl-t-Butyl Ether (MTBE)	**0.0011**	**J**	0.0024	0.00023	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Naphthalene	ND		0.012	0.0063	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
N-Propylbenzene	ND		0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
o-Xylene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
p-Isopropyltoluene	ND		0.0012	0.00085	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
sec-Butylbenzene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Styrene	ND		0.0012	0.00085	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
tert-Butyl alcohol (TBA)	**0.012**	**J**	0.024	0.0084	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Toluene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
t-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
t-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Vinyl chloride	ND	*	0.0012	0.00046	mg/Kg		10/22/20 17:28	10/26/20 13:28	1
Xylenes, Total	ND		0.0036	0.00085	mg/Kg		10/22/20 17:28	10/26/20 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:28*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/22/20 17:28*	*10/26/20 13:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*	*10/22/20 17:28*	*10/26/20 13:28*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,90
Date Collected: 10/21/20 11:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Benzene	**0.00061**	**J**	0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Bromoform	ND		0.0056	0.0015	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Bromomethane	ND	*	0.022	0.0074	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
2-Butanone	ND		0.022	0.0051	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Chloroform	ND		0.0011	0.00066	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Chloromethane	ND	*	0.022	0.0017	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Dibromochloromethane	ND		0.0022	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0076	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Ethanol	ND		0.28	0.074	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Ethylbenzene	**0.00049**	**J**	0.0011	0.00023	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Isopropylbenzene	ND		0.0011	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
4-Methyl-2-pentanone	ND		0.022	0.0033	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Methyl-t-Butyl Ether (MTBE)	**0.0017**	**J**	0.0022	0.00021	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
m,p-Xylene	**0.00095**	**J**	0.0022	0.00053	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
N-Propylbenzene	ND		0.0022	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
o-Xylene	ND		0.0011	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
p-Isopropyltoluene	ND		0.0011	0.00078	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
sec-Butylbenzene	ND		0.0011	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,90
Date Collected: 10/21/20 11:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00078	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
tert-Butyl alcohol (TBA)	**0.012**	**J**	0.022	0.0078	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Toluene	ND		0.0011	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00067	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Vinyl chloride	ND	*	0.0011	0.00042	mg/Kg		10/22/20 17:28	10/26/20 13:55	1
Xylenes, Total	**0.00095**	**J**	0.0034	0.00079	mg/Kg		10/22/20 17:28	10/26/20 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:55*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*10/22/20 17:28*	*10/26/20 13:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*	*10/22/20 17:28*	*10/26/20 13:55*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 13:55*	*1*

Client Sample ID: MW-2,95
Date Collected: 10/21/20 11:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.028	0.014	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Benzene	**0.00052**	**J**	0.0014	0.00036	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Bromobenzene	ND		0.0014	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Bromochloromethane	ND		0.0028	0.00062	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Bromodichloromethane	ND		0.0014	0.00022	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Bromoform	ND		0.0069	0.0018	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Bromomethane	ND	*	0.028	0.0091	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
2-Butanone	ND		0.028	0.0063	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Carbon disulfide	ND		0.014	0.00056	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Carbon tetrachloride	ND		0.0014	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Chlorobenzene	ND		0.0014	0.00037	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Chloroethane	ND		0.0028	0.0021	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Chloroform	ND		0.0014	0.00082	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Chloromethane	ND	*	0.028	0.0021	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
2-Chlorotoluene	ND		0.0014	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
4-Chlorotoluene	ND		0.0014	0.00034	mg/Kg		10/22/20 17:28	10/26/20 14:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,95
Date Collected: 10/21/20 11:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0014	0.00047	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
c-1,3-Dichloropropene	ND		0.0014	0.00048	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Dibromochloromethane	ND		0.0028	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2-Dibromo-3-Chloropropane	ND		0.014	0.0094	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2-Dibromoethane	ND		0.0014	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Dibromomethane	ND		0.0014	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2-Dichlorobenzene	ND		0.0014	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,3-Dichlorobenzene	ND		0.0014	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,4-Dichlorobenzene	ND		0.0014	0.00043	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Dichlorodifluoromethane	ND		0.0028	0.00063	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1-Dichloroethane	ND		0.0014	0.00039	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2-Dichloroethane	ND		0.0014	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1-Dichloroethene	ND		0.0014	0.00037	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2-Dichloropropane	ND		0.0014	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,3-Dichloropropane	ND		0.0014	0.00041	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
2,2-Dichloropropane	ND		0.0069	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1-Dichloropropene	ND		0.0028	0.00054	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Di-isopropyl ether (DIPE)	ND		0.0014	0.00069	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Ethanol	ND		0.35	0.092	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Ethylbenzene	ND		0.0014	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.0014	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
2-Hexanone	ND		0.028	0.0043	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Isopropylbenzene	ND		0.0014	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Methylene Chloride	ND		0.014	0.0043	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
4-Methyl-2-pentanone	ND		0.028	0.0040	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Methyl-t-Butyl Ether (MTBE)	**0.0015**	**J**	0.0028	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
m,p-Xylene	ND		0.0028	0.00066	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Naphthalene	ND		0.014	0.0072	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
n-Butylbenzene	ND		0.0014	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
N-Propylbenzene	ND		0.0028	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
o-Xylene	ND		0.0014	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
p-Isopropyltoluene	ND		0.0014	0.00097	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
sec-Butylbenzene	ND		0.0014	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Styrene	ND		0.0014	0.00097	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Tert-amyl-methyl ether (TAME)	ND		0.0014	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
tert-Butyl alcohol (TBA)	**0.014**	**J**	0.028	0.0097	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
tert-Butylbenzene	ND		0.0014	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1,1,2-Tetrachloroethane	ND		0.0014	0.00040	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1,2,2-Tetrachloroethane	ND		0.0028	0.00076	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Tetrachloroethene	ND		0.0014	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Toluene	ND		0.0014	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
t-1,2-Dichloroethene	ND		0.0014	0.00042	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
t-1,3-Dichloropropene	ND		0.0028	0.00039	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2,3-Trichlorobenzene	ND		0.0028	0.0014	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2,4-Trichlorobenzene	ND		0.0028	0.00057	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1,1-Trichloroethane	ND		0.0014	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1,2-Trichloroethane	ND		0.0014	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Trichloroethene	ND		0.0028	0.00054	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Trichlorofluoromethane	ND		0.014	0.00038	mg/Kg		10/22/20 17:28	10/26/20 14:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,95
Date Collected: 10/21/20 11:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0028	0.00058	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.014	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,2,4-Trimethylbenzene	ND		0.0028	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
1,3,5-Trimethylbenzene	ND		0.0028	0.00083	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Vinyl acetate	ND		0.014	0.0054	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Vinyl chloride	ND	*	0.0014	0.00053	mg/Kg		10/22/20 17:28	10/26/20 14:21	1
Xylenes, Total	ND		0.0042	0.00098	mg/Kg		10/22/20 17:28	10/26/20 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:21*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/22/20 17:28*	*10/26/20 14:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 155*	*10/22/20 17:28*	*10/26/20 14:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:21*	*1*

Client Sample ID: MW-2,100
Date Collected: 10/21/20 12:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.012	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Benzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Bromoform	ND		0.0059	0.0015	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Bromomethane	ND	*	0.023	0.0077	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
2-Butanone	ND		0.023	0.0053	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Chloroethane	ND		0.0023	0.0018	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Chloroform	ND		0.0012	0.00069	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Chloromethane	ND	*	0.023	0.0018	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
c-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
c-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0079	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,100
Date Collected: 10/21/20 12:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Ethanol	ND		0.29	0.077	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
2-Hexanone	ND		0.023	0.0036	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Isopropylbenzene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
4-Methyl-2-pentanone	ND		0.023	0.0034	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Methyl-t-Butyl Ether (MTBE)	**0.00097**	**J**	0.0023	0.00022	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
m,p-Xylene	ND		0.0023	0.00055	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Naphthalene	ND		0.012	0.0061	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
N-Propylbenzene	ND		0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
o-Xylene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
p-Isopropyltoluene	ND		0.0012	0.00082	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
sec-Butylbenzene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Styrene	ND		0.0012	0.00082	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
tert-Butyl alcohol (TBA)	**0.013**	**J**	0.023	0.0082	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00064	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Toluene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
t-1,3-Dichloropropene	ND		0.0023	0.00033	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0012	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Vinyl chloride	ND	*	0.0012	0.00044	mg/Kg		10/22/20 17:28	10/26/20 14:48	1
Xylenes, Total	ND		0.0035	0.00082	mg/Kg		10/22/20 17:28	10/26/20 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:48*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*10/22/20 17:28*	*10/26/20 14:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*	*10/22/20 17:28*	*10/26/20 14:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 14:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,105
Date Collected: 10/21/20 12:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Benzene	**0.00035**	**J**	0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Bromodichloromethane	ND		0.0012	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Bromoform	ND		0.0058	0.0015	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Bromomethane	ND	*	0.023	0.0076	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
2-Butanone	ND		0.023	0.0052	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Carbon disulfide	ND		0.012	0.00046	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Chloroform	ND		0.0012	0.00068	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Chloromethane	ND	*	0.023	0.0018	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
c-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
c-1,3-Dichloropropene	ND		0.0012	0.00040	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0079	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Dibromomethane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,3-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,3-Dichloropropane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
2,2-Dichloropropane	ND		0.0058	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Ethanol	ND		0.29	0.076	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Ethylbenzene	**0.00043**	**J**	0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
2-Hexanone	ND		0.023	0.0036	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Isopropylbenzene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Methylene Chloride	ND		0.012	0.0036	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
4-Methyl-2-pentanone	ND		0.023	0.0034	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Methyl-t-Butyl Ether (MTBE)	**0.0011**	**J**	0.0023	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
m,p-Xylene	**0.0015**	**J**	0.0023	0.00055	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Naphthalene	ND		0.012	0.0060	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
n-Butylbenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
N-Propylbenzene	ND		0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
o-Xylene	**0.00072**	**J**	0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
p-Isopropyltoluene	ND		0.0012	0.00081	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
sec-Butylbenzene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,105
Date Collected: 10/21/20 12:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0012	0.00081	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
tert-Butyl alcohol (TBA)	**0.0085**	**J**	0.023	0.0081	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00063	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Toluene	ND		0.0012	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0012	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,2,4-Trimethylbenzene	**0.00086**	**J**	0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Vinyl acetate	ND		0.012	0.0045	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Vinyl chloride	ND	*	0.0012	0.00044	mg/Kg		10/22/20 17:28	10/26/20 15:14	1
Xylenes, Total	**0.0022**	**J**	0.0035	0.00082	mg/Kg		10/22/20 17:28	10/26/20 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:14*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/22/20 17:28*	*10/26/20 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*	*10/22/20 17:28*	*10/26/20 15:14*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:14*	*1*

Client Sample ID: MW-2,110
Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Benzene	**0.00067**	**J**	0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Bromochloromethane	ND		0.0023	0.00051	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Bromodichloromethane	ND		0.0012	0.00018	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Bromoform	ND		0.0058	0.0015	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Bromomethane	ND	*	0.023	0.0076	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
2-Butanone	ND		0.023	0.0052	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Carbon disulfide	ND		0.012	0.00046	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Carbon tetrachloride	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Chloroform	ND		0.0012	0.00068	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Chloromethane	ND	*	0.023	0.0018	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 15:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,110
Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
c-1,3-Dichloropropene	ND		0.0012	0.00040	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0078	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Dibromomethane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,3-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,4-Dichlorobenzene	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Dichlorodifluoromethane	ND		0.0023	0.00052	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,3-Dichloropropane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
2,2-Dichloropropane	ND		0.0058	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Ethanol	ND		0.29	0.076	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Ethylbenzene	**0.00035**	**J**	0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
2-Hexanone	ND		0.023	0.0035	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Isopropylbenzene	ND		0.0012	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Methylene Chloride	ND		0.012	0.0036	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
4-Methyl-2-pentanone	ND		0.023	0.0034	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Methyl-t-Butyl Ether (MTBE)	**0.00069**	**J**	0.0023	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
m,p-Xylene	**0.0013**	**J**	0.0023	0.00055	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Naphthalene	ND		0.012	0.0060	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
n-Butylbenzene	ND		0.0012	0.00024	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
N-Propylbenzene	ND		0.0023	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
o-Xylene	ND		0.0012	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
p-Isopropyltoluene	ND		0.0012	0.00081	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
sec-Butylbenzene	ND		0.0012	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Styrene	ND		0.0012	0.00081	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00022	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
tert-Butyl alcohol (TBA)	**0.0081**	**J**	0.023	0.0081	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
tert-Butylbenzene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00063	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Toluene	**0.0010**	**J**	0.0012	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0012	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00047	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1,2-Trichloroethane	ND		0.0012	0.00053	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Trichlorofluoromethane	ND		0.012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 15:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,110
Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0023	0.00048	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00053	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00069	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Vinyl acetate	ND		0.012	0.0045	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Vinyl chloride	ND	*	0.0012	0.00044	mg/Kg		10/22/20 17:28	10/26/20 15:40	1
Xylenes, Total	**0.0013**	**J**	0.0035	0.00081	mg/Kg		10/22/20 17:28	10/26/20 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:40*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/22/20 17:28*	*10/26/20 15:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*	*10/22/20 17:28*	*10/26/20 15:40*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/22/20 17:28*	*10/26/20 15:40*	*1*

Client Sample ID: MW-2,115
Date Collected: 10/21/20 13:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Benzene	**0.00034**	**J**	0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Bromoform	ND		0.0060	0.0016	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Bromomethane	ND	*	0.024	0.0079	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
2-Butanone	ND		0.024	0.0054	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Chloroform	ND		0.0012	0.00071	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Chloromethane	ND	*	0.024	0.0018	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
c-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
c-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0081	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,115
Date Collected: 10/21/20 13:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Ethanol	ND		0.30	0.079	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Ethylbenzene	**0.00030**	**J**	0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
2-Hexanone	ND		0.024	0.0037	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Isopropylbenzene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
4-Methyl-2-pentanone	ND		0.024	0.0035	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Methyl-t-Butyl Ether (MTBE)	**0.0020**	**J**	0.0024	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
m,p-Xylene	**0.0013**	**J**	0.0024	0.00057	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Naphthalene	ND		0.012	0.0062	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
N-Propylbenzene	ND		0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
o-Xylene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
p-Isopropyltoluene	ND		0.0012	0.00084	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
sec-Butylbenzene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Styrene	ND		0.0012	0.00084	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
tert-Butyl alcohol (TBA)	**0.032**		0.024	0.0084	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Toluene	ND		0.0012	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
t-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
t-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,2,4-Trimethylbenzene	**0.00077**	**J**	0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Vinyl chloride	ND	*	0.0012	0.00045	mg/Kg		10/22/20 17:28	10/26/20 16:07	1
Xylenes, Total	**0.0013**	**J**	0.0036	0.00084	mg/Kg		10/22/20 17:28	10/26/20 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:07*	*1*
Dibromofluoromethane (Surr)	*108*		*79 - 133*	*10/22/20 17:28*	*10/26/20 16:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*	*10/22/20 17:28*	*10/26/20 16:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:07*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,120
Date Collected: 10/21/20 13:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.017**	**J**	0.021	0.010	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Benzene	**0.00038**	**J**	0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Bromoform	ND		0.0053	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Bromomethane	ND	*	0.021	0.0070	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
2-Butanone	ND		0.021	0.0048	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Chloromethane	ND	*	0.021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0072	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Ethanol	ND		0.27	0.070	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Ethylbenzene	**0.00054**	**J**	0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
2-Hexanone	ND		0.021	0.0033	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Isopropylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
4-Methyl-2-pentanone	ND		0.021	0.0031	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Methyl-t-Butyl Ether (MTBE)	**0.012**		0.0021	0.00020	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
m,p-Xylene	**0.0025**		0.0021	0.00050	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Naphthalene	ND		0.011	0.0055	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
N-Propylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
o-Xylene	**0.0015**		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
p-Isopropyltoluene	ND		0.0011	0.00074	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
sec-Butylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,120
Date Collected: 10/21/20 13:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00074	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
tert-Butyl alcohol (TBA)	**0.080**		0.021	0.0074	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00058	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Toluene	**0.0010**	**J**	0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
t-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0011	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00044	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2,3-Trichloropropane	ND		0.0021	0.00045	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,2,4-Trimethylbenzene	**0.0012**	**J**	0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Vinyl chloride	ND	*	0.0011	0.00040	mg/Kg		10/22/20 17:28	10/26/20 16:33	1
Xylenes, Total	**0.0040**		0.0032	0.00075	mg/Kg		10/22/20 17:28	10/26/20 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:33*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*10/22/20 17:28*	*10/26/20 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*	*10/22/20 17:28*	*10/26/20 16:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:33*	*1*

Client Sample ID: MW-2,125
Date Collected: 10/21/20 13:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.024**		0.018	0.0091	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Benzene	**0.0063**		0.00092	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Bromobenzene	ND		0.00092	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Bromochloromethane	ND		0.0018	0.00041	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Bromodichloromethane	ND		0.00092	0.00015	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Bromoform	ND		0.0046	0.0012	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Bromomethane	ND	*	0.018	0.0061	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
2-Butanone	ND		0.018	0.0042	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Carbon disulfide	ND		0.0092	0.00037	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Carbon tetrachloride	ND		0.00092	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Chlorobenzene	ND		0.00092	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Chloroethane	ND		0.0018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Chloroform	ND		0.00092	0.00054	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Chloromethane	ND	*	0.018	0.0014	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
2-Chlorotoluene	ND		0.00092	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
4-Chlorotoluene	ND		0.00092	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,125
Date Collected: 10/21/20 13:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00092	0.00031	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
c-1,3-Dichloropropene	ND		0.00092	0.00032	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2-Dibromo-3-Chloropropane	ND		0.0092	0.0062	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2-Dibromoethane	ND		0.00092	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Dibromomethane	ND		0.00092	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,3-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,4-Dichlorobenzene	ND		0.00092	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Dichlorodifluoromethane	ND		0.0018	0.00042	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1-Dichloroethane	ND		0.00092	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2-Dichloroethane	ND		0.00092	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1-Dichloroethene	ND		0.00092	0.00024	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2-Dichloropropane	ND		0.00092	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,3-Dichloropropane	ND		0.00092	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
2,2-Dichloropropane	ND		0.0046	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1-Dichloropropene	ND		0.0018	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Di-isopropyl ether (DIPE)	ND		0.00092	0.00046	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Ethanol	ND		0.23	0.061	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Ethylbenzene	**0.0042**		0.00092	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.00092	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
2-Hexanone	ND		0.018	0.0028	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Isopropylbenzene	ND		0.00092	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Methylene Chloride	ND		0.0092	0.0029	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
4-Methyl-2-pentanone	ND		0.018	0.0027	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Methyl-t-Butyl Ether (MTBE)	**0.029**		0.0018	0.00017	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
m,p-Xylene	**0.018**		0.0018	0.00044	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Naphthalene	**0.0080**	**J**	0.0092	0.0048	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
n-Butylbenzene	ND		0.00092	0.00019	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
N-Propylbenzene	**0.00065**	**J**	0.0018	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
o-Xylene	**0.0073**		0.00092	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
p-Isopropyltoluene	ND		0.00092	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
sec-Butylbenzene	ND		0.00092	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Styrene	ND		0.00092	0.00064	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Tert-amyl-methyl ether (TAME)	ND		0.00092	0.00018	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
tert-Butyl alcohol (TBA)	**0.089**		0.018	0.0064	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
tert-Butylbenzene	ND		0.00092	0.00023	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1,1,2-Tetrachloroethane	ND		0.00092	0.00027	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00050	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Tetrachloroethene	ND		0.00092	0.00021	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Toluene	**0.0077**		0.00092	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
t-1,2-Dichloroethene	ND		0.00092	0.00028	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
t-1,3-Dichloropropene	ND		0.0018	0.00026	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00092	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00038	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1,1-Trichloroethane	ND		0.00092	0.00022	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1,2-Trichloroethane	ND		0.00092	0.00043	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Trichloroethene	ND		0.0018	0.00036	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Trichlorofluoromethane	ND		0.0092	0.00025	mg/Kg		10/22/20 17:28	10/26/20 16:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,125
Date Collected: 10/21/20 13:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0018	0.00039	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0092	0.00043	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,2,4-Trimethylbenzene	**0.0080**		0.0018	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
1,3,5-Trimethylbenzene	**0.0023**		0.0018	0.00055	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Vinyl acetate	ND		0.0092	0.0036	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Vinyl chloride	ND	*	0.00092	0.00035	mg/Kg		10/22/20 17:28	10/26/20 16:59	1
Xylenes, Total	**0.025**		0.0028	0.00065	mg/Kg		10/22/20 17:28	10/26/20 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:59*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/22/20 17:28*	*10/26/20 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 155*	*10/22/20 17:28*	*10/26/20 16:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*10/22/20 17:28*	*10/26/20 16:59*	*1*

Client Sample ID: MW-2,130
Date Collected: 10/21/20 13:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.010	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Benzene	**0.00044**	**J**	0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Bromoform	ND		0.0053	0.0014	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Bromomethane	ND	*	0.021	0.0070	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
2-Butanone	ND		0.021	0.0048	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Chloromethane	ND	*	0.021	0.0016	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0072	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,130
Date Collected: 10/21/20 13:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Ethanol	ND		0.27	0.070	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Ethylbenzene	**0.00050**	**J**	0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
2-Hexanone	ND		0.021	0.0033	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Isopropylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
4-Methyl-2-pentanone	ND		0.021	0.0031	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Methyl-t-Butyl Ether (MTBE)	**0.0019**	**J**	0.0021	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
m,p-Xylene	**0.0024**		0.0021	0.00050	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Naphthalene	ND		0.011	0.0056	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
N-Propylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
o-Xylene	**0.00074**	**J**	0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
p-Isopropyltoluene	ND		0.0011	0.00075	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
sec-Butylbenzene	ND		0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Styrene	ND		0.0011	0.00075	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
tert-Butyl alcohol (TBA)	**0.041**		0.021	0.0074	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00058	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Toluene	**0.00087**	**J**	0.0011	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
t-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0011	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00044	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2,3-Trichloropropane	ND		0.0021	0.00045	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,2,4-Trimethylbenzene	**0.0013**	**J**	0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00064	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Vinyl chloride	ND	*	0.0011	0.00040	mg/Kg		10/22/20 17:28	10/26/20 17:26	1
Xylenes, Total	**0.0031**	**J**	0.0032	0.00075	mg/Kg		10/22/20 17:28	10/26/20 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:26*	*1*
Dibromofluoromethane (Surr)	*108*		*79 - 133*	*10/22/20 17:28*	*10/26/20 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*	*10/22/20 17:28*	*10/26/20 17:26*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,135
Date Collected: 10/21/20 13:45
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.019**	**J**	0.020	0.010	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Benzene	**0.00069**	**J**	0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Bromoform	ND		0.0051	0.0013	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Bromomethane	ND	*	0.020	0.0067	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
2-Butanone	ND		0.020	0.0046	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Chloroform	ND		0.0010	0.00060	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Chloromethane	ND	*	0.020	0.0016	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
c-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0069	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Ethanol	ND		0.26	0.067	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Ethylbenzene	**0.0013**		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Isopropylbenzene	ND		0.0010	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
4-Methyl-2-pentanone	ND		0.020	0.0030	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Methyl-t-Butyl Ether (MTBE)	**0.0036**		0.0020	0.00019	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
m,p-Xylene	**0.0058**		0.0020	0.00048	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Naphthalene	ND		0.010	0.0053	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
n-Butylbenzene	**0.0012**		0.0010	0.00021	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
N-Propylbenzene	ND		0.0020	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
o-Xylene	**0.0022**		0.0010	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
p-Isopropyltoluene	ND		0.0010	0.00071	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
sec-Butylbenzene	ND		0.0010	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,135
Date Collected: 10/21/20 13:45
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0010	0.00071	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
tert-Butyl alcohol (TBA)	**0.066**		0.020	0.0071	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Toluene	**0.0016**		0.0010	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
t-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
t-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,2,4-Trimethylbenzene	**0.0064**		0.0020	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
1,3,5-Trimethylbenzene	**0.0021**		0.0020	0.00061	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Vinyl chloride	ND	*	0.0010	0.00039	mg/Kg		10/22/20 17:28	10/26/20 17:53	1
Xylenes, Total	**0.0080**		0.0031	0.00072	mg/Kg		10/22/20 17:28	10/26/20 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:53*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/22/20 17:28*	*10/26/20 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*	*10/22/20 17:28*	*10/26/20 17:53*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/22/20 17:28*	*10/26/20 17:53*	*1*

Client Sample ID: MW-2,140
Date Collected: 10/21/20 13:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**	**J**	0.019	0.0093	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Benzene	**0.030**		0.00095	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Bromobenzene	ND		0.00095	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Bromodichloromethane	ND		0.00095	0.00015	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Bromoform	ND		0.0047	0.0013	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Bromomethane	ND	*	0.019	0.0062	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Carbon disulfide	ND		0.0095	0.00038	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Carbon tetrachloride	ND		0.00095	0.00028	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Chlorobenzene	ND		0.00095	0.00025	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Chloroform	ND		0.00095	0.00056	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Chloromethane	ND	*	0.019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
2-Chlorotoluene	ND		0.00095	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
4-Chlorotoluene	ND		0.00095	0.00023	mg/Kg		10/22/20 17:32	10/26/20 18:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,140
Date Collected: 10/21/20 13:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00095	0.00032	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
c-1,3-Dichloropropene	ND		0.00095	0.00033	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0064	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2-Dibromoethane	ND		0.00095	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Dibromomethane	ND		0.00095	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,3-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,4-Dichlorobenzene	ND		0.00095	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1-Dichloroethane	ND		0.00095	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2-Dichloroethane	ND		0.00095	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1-Dichloroethene	ND		0.00095	0.00025	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2-Dichloropropane	ND		0.00095	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,3-Dichloropropane	ND		0.00095	0.00028	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
2,2-Dichloropropane	ND		0.0047	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Di-isopropyl ether (DIPE)	ND		0.00095	0.00047	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Ethanol	ND		0.24	0.063	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Ethylbenzene	**0.013**		0.00095	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.00095	0.00022	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Isopropylbenzene	ND		0.00095	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Methylene Chloride	ND		0.0095	0.0030	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Methyl-t-Butyl Ether (MTBE)	**0.044**		0.0019	0.00018	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
m,p-Xylene	**0.041**		0.0019	0.00045	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Naphthalene	**0.011**		0.0095	0.0049	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
n-Butylbenzene	ND		0.00095	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
N-Propylbenzene	**0.00068**	**J**	0.0019	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
o-Xylene	**0.012**		0.00095	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
p-Isopropyltoluene	ND		0.00095	0.00066	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
sec-Butylbenzene	ND		0.00095	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Styrene	ND		0.00095	0.00066	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Tert-amyl-methyl ether (TAME)	ND		0.00095	0.00018	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
tert-Butyl alcohol (TBA)	**0.078**		0.019	0.0066	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
tert-Butylbenzene	ND		0.00095	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1,1,2-Tetrachloroethane	ND		0.00095	0.00028	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Tetrachloroethene	ND		0.00095	0.00021	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Toluene	**0.013**		0.00095	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
t-1,2-Dichloroethene	ND		0.00095	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00095	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1,1-Trichloroethane	ND		0.00095	0.00022	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1,2-Trichloroethane	ND		0.00095	0.00044	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Trichlorofluoromethane	ND		0.0095	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,140
Date Collected: 10/21/20 13:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0095	0.00044	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,2,4-Trimethylbenzene	**0.0094**		0.0019	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
1,3,5-Trimethylbenzene	**0.0023**		0.0019	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Vinyl acetate	ND		0.0095	0.0037	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Vinyl chloride	ND	*	0.00095	0.00036	mg/Kg		10/22/20 17:32	10/26/20 18:20	1
Xylenes, Total	**0.053**		0.0028	0.00067	mg/Kg		10/22/20 17:32	10/26/20 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*10/22/20 17:32*	*10/26/20 18:20*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/22/20 17:32*	*10/26/20 18:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*	*10/22/20 17:32*	*10/26/20 18:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:32*	*10/26/20 18:20*	*1*

Client Sample ID: MW-2,145
Date Collected: 10/21/20 14:05
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0095	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Benzene	**0.0033**		0.00096	0.00025	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Bromobenzene	ND		0.00096	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Bromodichloromethane	ND		0.00096	0.00015	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Bromomethane	ND	*	0.019	0.0063	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Carbon disulfide	ND		0.0096	0.00038	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Carbon tetrachloride	ND		0.00096	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Chlorobenzene	ND		0.00096	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Chloroform	ND		0.00096	0.00057	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Chloromethane	ND	*	0.019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
2-Chlorotoluene	ND		0.00096	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
4-Chlorotoluene	ND		0.00096	0.00023	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
c-1,2-Dichloroethene	ND		0.00096	0.00032	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
c-1,3-Dichloropropene	ND		0.00096	0.00034	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2-Dibromo-3-Chloropropane	ND		0.0096	0.0065	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2-Dibromoethane	ND		0.00096	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Dibromomethane	ND		0.00096	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,3-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,4-Dichlorobenzene	ND		0.00096	0.00030	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1-Dichloroethane	ND		0.00096	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2-Dichloroethane	ND		0.00096	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1-Dichloroethene	ND		0.00096	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2-Dichloropropane	ND		0.00096	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,3-Dichloropropane	ND		0.00096	0.00028	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,145
Date Collected: 10/21/20 14:05
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Di-isopropyl ether (DIPE)	ND		0.00096	0.00048	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Ethanol	ND		0.24	0.063	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Ethylbenzene	**0.0030**		0.00096	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.00096	0.00023	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Isopropylbenzene	ND		0.00096	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Methylene Chloride	ND		0.0096	0.0030	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Methyl-t-Butyl Ether (MTBE)	**0.0098**		0.0019	0.00018	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
m,p-Xylene	**0.010**		0.0019	0.00046	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Naphthalene	**0.0051**	**J**	0.0096	0.0050	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
n-Butylbenzene	**0.00033**	**J**	0.00096	0.00020	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
N-Propylbenzene	ND		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
o-Xylene	**0.0034**		0.00096	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
p-Isopropyltoluene	ND		0.00096	0.00067	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
sec-Butylbenzene	ND		0.00096	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Styrene	ND		0.00096	0.00067	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Tert-amyl-methyl ether (TAME)	ND		0.00096	0.00019	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
tert-Butyl alcohol (TBA)	**0.018**	**J**	0.019	0.0067	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
tert-Butylbenzene	ND		0.00096	0.00024	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1,1,2-Tetrachloroethane	ND		0.00096	0.00028	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Tetrachloroethene	ND		0.00096	0.00021	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Toluene	**0.0038**		0.00096	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
t-1,2-Dichloroethene	ND		0.00096	0.00029	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00096	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1,1-Trichloroethane	ND		0.00096	0.00022	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1,2-Trichloroethane	ND		0.00096	0.00045	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Trichlorofluoromethane	ND		0.0096	0.00026	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0096	0.00044	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,2,4-Trimethylbenzene	**0.0045**		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
1,3,5-Trimethylbenzene	**0.0012**	**J**	0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Vinyl acetate	ND		0.0096	0.0038	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Vinyl chloride	ND	*	0.00096	0.00036	mg/Kg		10/22/20 17:32	10/26/20 18:47	1
Xylenes, Total	**0.013**		0.0029	0.00068	mg/Kg		10/22/20 17:32	10/26/20 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*	*10/22/20 17:32*	*10/26/20 18:47*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/22/20 17:32*	*10/26/20 18:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 155*	*10/22/20 17:32*	*10/26/20 18:47*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:32*	*10/26/20 18:47*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-2,150
Date Collected: 10/21/20 14:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0095	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Benzene	**0.0013**		0.00097	0.00025	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Bromodichloromethane	ND		0.00097	0.00015	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Bromomethane	ND	*	0.019	0.0064	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
2-Butanone	ND		0.019	0.0044	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Chloroethane	ND		0.0019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Chloroform	ND		0.00097	0.00057	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Chloromethane	ND	*	0.019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
2-Chlorotoluene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
c-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
c-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0065	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Dibromomethane	ND		0.00097	0.00030	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,3-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1-Dichloropropene	ND		0.0019	0.00038	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00048	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Ethanol	ND		0.24	0.064	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Ethylbenzene	**0.0018**		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Isopropylbenzene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Methyl-t-Butyl Ether (MTBE)	**0.0056**		0.0019	0.00018	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
m,p-Xylene	**0.0067**		0.0019	0.00046	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Naphthalene	ND		0.0097	0.0050	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
N-Propylbenzene	ND		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
o-Xylene	**0.0028**		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
p-Isopropyltoluene	ND		0.00097	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
sec-Butylbenzene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,150
Date Collected: 10/21/20 14:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00097	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
tert-Butyl alcohol (TBA)	**0.012**	**J**	0.019	0.0068	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Toluene	**0.0028**		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
t-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Trichlorofluoromethane	ND		0.0097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,2,4-Trimethylbenzene	**0.0032**		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
1,3,5-Trimethylbenzene	**0.00097**	**J**	0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Vinyl chloride	ND	*	0.00097	0.00037	mg/Kg		10/22/20 17:32	10/26/20 19:13	1
Xylenes, Total	**0.0095**		0.0029	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/22/20 17:32*	*10/26/20 19:13*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*10/22/20 17:32*	*10/26/20 19:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*	*10/22/20 17:32*	*10/26/20 19:13*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/22/20 17:32*	*10/26/20 19:13*	*1*

Client Sample ID: MW-2,60
Date Collected: 10/21/20 11:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0095	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Benzene	**0.00034**	**J**	0.00097	0.00025	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Bromodichloromethane	ND		0.00097	0.00015	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Bromomethane	ND	*	0.019	0.0064	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
2-Butanone	ND		0.019	0.0044	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Chloroethane	ND		0.0019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Chloroform	ND		0.00097	0.00057	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Chloromethane	ND	*	0.019	0.0015	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
2-Chlorotoluene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,60
Date Collected: 10/21/20 11:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
c-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0066	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Dibromomethane	ND		0.00097	0.00030	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,3-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1-Dichloropropene	ND		0.0019	0.00038	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00048	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Ethanol	ND		0.24	0.064	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Ethylbenzene	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Isopropylbenzene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Naphthalene	ND		0.0097	0.0050	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
N-Propylbenzene	ND		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
o-Xylene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
p-Isopropyltoluene	ND		0.00097	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
sec-Butylbenzene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Styrene	ND		0.00097	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0068	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Toluene	ND		0.00097	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
t-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Trichlorofluoromethane	ND		0.0097	0.00026	mg/Kg		10/22/20 17:32	10/26/20 19:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2,60
Date Collected: 10/21/20 11:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Vinyl chloride	ND	*	0.00097	0.00037	mg/Kg		10/22/20 17:32	10/26/20 19:40	1
Xylenes, Total	ND		0.0029	0.00068	mg/Kg		10/22/20 17:32	10/26/20 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*10/22/20 17:32*	*10/26/20 19:40*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*10/22/20 17:32*	*10/26/20 19:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*71 - 155*	*10/22/20 17:32*	*10/26/20 19:40*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/22/20 17:32*	*10/26/20 19:40*	*1*

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Client Sample ID: MW-2,70
Date Collected: 10/21/20 11:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.54**		0.10	0.026	mg/Kg		10/22/20 17:35	10/26/20 19:38	50
Toluene	**0.81**		0.10	0.060	mg/Kg		10/22/20 17:35	10/26/20 19:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/22/20 17:35*	*10/26/20 19:38*	*50*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*10/22/20 17:35*	*10/26/20 19:38*	*50*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*	*10/22/20 17:35*	*10/26/20 19:38*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/22/20 17:35*	*10/26/20 19:38*	*50*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-2,10
Date Collected: 10/21/20 09:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.096	0.054	mg/Kg		10/22/20 17:28	10/23/20 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*10/22/20 17:28*	*10/23/20 14:44*	*1*

Client Sample ID: MW-2,15
Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.061	mg/Kg		10/22/20 17:28	10/23/20 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*10/22/20 17:28*	*10/23/20 15:55*	*1*

Client Sample ID: MW-2,20
Date Collected: 10/21/20 09:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.061	mg/Kg		10/22/20 17:28	10/23/20 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*	*10/22/20 17:28*	*10/23/20 16:18*	*1*

Client Sample ID: MW-2,25
Date Collected: 10/21/20 09:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.086	0.048	mg/Kg		10/22/20 17:28	10/23/20 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*10/22/20 17:28*	*10/23/20 16:41*	*1*

Client Sample ID: MW-2,30
Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.091	0.051	mg/Kg		10/22/20 17:28	10/23/20 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*	*10/22/20 17:28*	*10/23/20 17:05*	*1*

Client Sample ID: MW-2,35
Date Collected: 10/21/20 10:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.084	0.046	mg/Kg		10/22/20 17:28	10/23/20 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*10/22/20 17:28*	*10/23/20 17:28*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-2,40
Date Collected: 10/21/20 10:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.078	0.043	mg/Kg		10/22/20 17:28	10/23/20 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*10/22/20 17:28*	*10/23/20 17:52*	*1*

Client Sample ID: MW-2,45
Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.089	0.050	mg/Kg		10/22/20 17:28	10/23/20 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*10/22/20 17:28*	*10/23/20 18:15*	*1*

Client Sample ID: MW-2,50
Date Collected: 10/21/20 10:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.087	0.048	mg/Kg		10/22/20 17:28	10/23/20 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*10/22/20 17:28*	*10/23/20 18:38*	*1*

Client Sample ID: MW-2,55
Date Collected: 10/21/20 10:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.090	0.050	mg/Kg		10/22/20 17:28	10/23/20 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*	*10/22/20 17:28*	*10/23/20 19:02*	*1*

Client Sample ID: MW-2,65
Date Collected: 10/21/20 11:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.88**		0.096	0.053	mg/Kg		10/22/20 17:28	10/23/20 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*42 - 126*	*10/22/20 17:28*	*10/23/20 19:25*	*1*

Client Sample ID: MW-2,70
Date Collected: 10/21/20 11:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**3.9**		0.10	0.057	mg/Kg		10/22/20 17:28	10/27/20 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*10/22/20 17:28*	*10/27/20 13:44*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-2,75
Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.16**		0.12	0.069	mg/Kg		10/22/20 17:28	10/27/20 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*10/22/20 17:28*	*10/27/20 15:45*	*1*

Client Sample ID: MW-2,80
Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.069	mg/Kg		10/22/20 17:28	10/27/20 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*42 - 126*	*10/22/20 17:28*	*10/27/20 16:10*	*1*

Client Sample ID: MW-2,85
Date Collected: 10/21/20 11:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.067	mg/Kg		10/22/20 17:28	10/27/20 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*10/22/20 17:28*	*10/27/20 16:34*	*1*

Client Sample ID: MW-2,90
Date Collected: 10/21/20 11:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.13	0.070	mg/Kg		10/22/20 17:28	10/27/20 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*10/22/20 17:28*	*10/27/20 16:58*	*1*

Client Sample ID: MW-2,95
Date Collected: 10/21/20 11:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.067	mg/Kg		10/22/20 17:28	10/27/20 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*10/22/20 17:28*	*10/27/20 17:21*	*1*

Client Sample ID: MW-2,100
Date Collected: 10/21/20 12:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.066	mg/Kg		10/22/20 17:28	10/27/20 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*10/22/20 17:28*	*10/27/20 17:45*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-2,105
Date Collected: 10/21/20 12:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.065	mg/Kg		10/22/20 17:28	10/27/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*10/22/20 17:28*	*10/27/20 18:09*	*1*

Client Sample ID: MW-2,110
Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.065	mg/Kg		10/22/20 17:28	10/27/20 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*10/22/20 17:28*	*10/27/20 18:56*	*1*

Client Sample ID: MW-2,115
Date Collected: 10/21/20 13:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.062	mg/Kg		10/22/20 17:28	10/27/20 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*10/22/20 17:28*	*10/27/20 19:20*	*1*

Client Sample ID: MW-2,120
Date Collected: 10/21/20 13:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.21**		0.094	0.052	mg/Kg		10/22/20 17:28	10/27/20 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*10/22/20 17:28*	*10/27/20 19:43*	*1*

Client Sample ID: MW-2,125
Date Collected: 10/21/20 13:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.34**		0.097	0.054	mg/Kg		10/22/20 17:28	10/27/20 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*10/22/20 17:28*	*10/27/20 20:07*	*1*

Client Sample ID: MW-2,130
Date Collected: 10/21/20 13:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.072**	**J**	0.12	0.064	mg/Kg		10/22/20 17:28	10/27/20 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*10/22/20 17:28*	*10/27/20 20:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-2,135
Date Collected: 10/21/20 13:45
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.28		0.10	0.057	mg/Kg		10/22/20 17:28	10/27/20 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*10/22/20 17:28*	*10/27/20 20:54*	*1*

Client Sample ID: MW-2,140
Date Collected: 10/21/20 13:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.22		0.11	0.061	mg/Kg		10/22/20 17:32	10/27/20 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*10/22/20 17:32*	*10/27/20 21:17*	*1*

Client Sample ID: MW-2,145
Date Collected: 10/21/20 14:05
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.23		0.097	0.054	mg/Kg		10/22/20 17:32	10/27/20 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*10/22/20 17:32*	*10/27/20 21:41*	*1*

Client Sample ID: MW-2,150
Date Collected: 10/21/20 14:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.064	J	0.099	0.055	mg/Kg		10/22/20 17:32	10/27/20 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*10/22/20 17:32*	*10/27/20 22:05*	*1*

Client Sample ID: MW-2,60
Date Collected: 10/21/20 11:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.094	0.052	mg/Kg		10/22/20 17:32	10/27/20 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*	*10/22/20 17:32*	*10/27/20 22:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-2,10
Date Collected: 10/21/20 09:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		10/28/20 20:12	10/29/20 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/28/20 20:12*	*10/29/20 22:58*	*1*

Client Sample ID: MW-2,15
Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/29/20 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*10/28/20 20:12*	*10/29/20 23:18*	*1*

Client Sample ID: MW-2,20
Date Collected: 10/21/20 09:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		10/28/20 20:12	10/29/20 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*61 - 145*	*10/28/20 20:12*	*10/29/20 23:39*	*1*

Client Sample ID: MW-2,25
Date Collected: 10/21/20 09:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 20:12	10/29/20 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*10/28/20 20:12*	*10/29/20 23:59*	*1*

Client Sample ID: MW-2,30
Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		10/28/20 20:12	10/30/20 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*61 - 145*	*10/28/20 20:12*	*10/30/20 00:20*	*1*

Client Sample ID: MW-2,35
Date Collected: 10/21/20 10:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*10/28/20 20:12*	*10/30/20 00:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-2,40
Date Collected: 10/21/20 10:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/28/20 20:12*	*10/30/20 01:02*	*1*

Client Sample ID: MW-2,45
Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 20:12	10/30/20 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*10/28/20 20:12*	*10/30/20 01:24*	*1*

Client Sample ID: MW-2,50
Date Collected: 10/21/20 10:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		10/28/20 20:12	10/30/20 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*10/28/20 20:12*	*10/30/20 01:45*	*1*

Client Sample ID: MW-2,55
Date Collected: 10/21/20 10:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		10/28/20 20:12	10/30/20 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*10/28/20 20:12*	*10/30/20 02:07*	*1*

Client Sample ID: MW-2,65
Date Collected: 10/21/20 11:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*10/28/20 20:12*	*10/30/20 02:47*	*1*

Client Sample ID: MW-2,70
Date Collected: 10/21/20 11:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.6	3.6	mg/Kg		10/28/20 20:12	10/30/20 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/28/20 20:12*	*10/30/20 03:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-2,75
Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		10/28/20 20:12	10/30/20 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*10/28/20 20:12*	*10/30/20 03:28*	*1*

Client Sample ID: MW-2,80
Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.3	4.1	mg/Kg		10/28/20 20:12	10/30/20 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*10/28/20 20:12*	*10/30/20 03:48*	*1*

Client Sample ID: MW-2,85
Date Collected: 10/21/20 11:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*10/28/20 20:12*	*10/30/20 04:08*	*1*

Client Sample ID: MW-2,90
Date Collected: 10/21/20 11:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		10/28/20 20:12	10/30/20 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*10/28/20 20:12*	*10/30/20 04:29*	*1*

Client Sample ID: MW-2,95
Date Collected: 10/21/20 11:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.3	4.1	mg/Kg		10/28/20 20:12	10/30/20 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*10/28/20 20:12*	*10/30/20 04:49*	*1*

Client Sample ID: MW-2,100
Date Collected: 10/21/20 12:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/28/20 20:12*	*10/30/20 05:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-2,105
Date Collected: 10/21/20 12:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		10/28/20 20:12	10/30/20 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*10/28/20 20:12*	*10/30/20 05:31*	*1*

Client Sample ID: MW-2,110
Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:12	10/30/20 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*10/28/20 20:12*	*10/30/20 05:53*	*1*

Client Sample ID: MW-2,115
Date Collected: 10/21/20 13:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.7	3.6	mg/Kg		10/28/20 20:29	10/29/20 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*10/28/20 20:29*	*10/29/20 21:21*	*1*

Client Sample ID: MW-2,120
Date Collected: 10/21/20 13:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		10/28/20 20:29	10/29/20 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*10/28/20 20:29*	*10/29/20 21:44*	*1*

Client Sample ID: MW-2,125
Date Collected: 10/21/20 13:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.9	mg/Kg		10/28/20 20:29	10/29/20 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*10/28/20 20:29*	*10/29/20 22:06*	*1*

Client Sample ID: MW-2,130
Date Collected: 10/21/20 13:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		10/28/20 20:29	10/29/20 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*10/28/20 20:29*	*10/29/20 22:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-2,135
Date Collected: 10/21/20 13:45
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		10/28/20 20:29	10/29/20 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*10/28/20 20:29*	*10/29/20 22:52*	*1*

Client Sample ID: MW-2,140
Date Collected: 10/21/20 13:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.7	3.6	mg/Kg		10/28/20 20:29	10/29/20 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*10/28/20 20:29*	*10/29/20 23:13*	*1*

Client Sample ID: MW-2,145
Date Collected: 10/21/20 14:05
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	4.0	mg/Kg		10/28/20 20:29	10/29/20 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*10/28/20 20:29*	*10/29/20 23:36*	*1*

Client Sample ID: MW-2,150
Date Collected: 10/21/20 14:15
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	3.9	mg/Kg		10/28/20 20:29	10/29/20 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*10/28/20 20:29*	*10/29/20 23:57*	*1*

Client Sample ID: MW-2,60
Date Collected: 10/21/20 11:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		10/28/20 20:29	10/30/20 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*10/28/20 20:29*	*10/30/20 00:20*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(80-120)	(79-133)	(71-155)	(80-120)
570-41744-1	MW-2,10	98	99	102	101
570-41744-2	MW-2,15	100	100	102	101
570-41744-3	MW-2,20	100	100	102	100
570-41744-4	MW-2,25	99	101	104	101
570-41744-5	MW-2,30	98	103	106	101
570-41744-6	MW-2,35	100	101	105	100
570-41744-7	MW-2,40	99	99	103	101
570-41744-8	MW-2,45	98	101	103	100
570-41744-9	MW-2,50	97	101	103	101
570-41744-10	MW-2,55	98	97	103	100
570-41744-11	MW-2,65	101	101	107	101
570-41744-12 - DL	MW-2,70	101	95	97	101
570-41744-12	MW-2,70	100	96	91	103
570-41744-13	MW-2,75	92	109	96	97
570-41744-14	MW-2,80	93	109	96	99
570-41744-15	MW-2,85	92	110	96	98
570-41744-16	MW-2,90	90	112	97	97
570-41744-17	MW-2,95	92	109	99	96
570-41744-18	MW-2,100	91	112	98	97
570-41744-19	MW-2,105	90	111	98	97
570-41744-20	MW-2,110	90	111	97	96
570-41744-21	MW-2,115	93	108	97	98
570-41744-22	MW-2,120	93	107	94	97
570-41744-23	MW-2,125	92	110	99	95
570-41744-24	MW-2,130	93	108	96	97
570-41744-25	MW-2,135	94	109	98	96
570-41744-26	MW-2,140	91	110	94	97
570-41744-27	MW-2,145	89	110	95	97
570-41744-28	MW-2,150	93	112	98	96
570-41744-29	MW-2,60	90	104	93	97
LCS 570-104509/4	Lab Control Sample	95	106	92	98
LCS 570-104518/4	Lab Control Sample	102	101	98	100
LCS 570-104939/3	Lab Control Sample	103	97	92	101
LCSD 570-104509/5	Lab Control Sample Dup	94	107	92	97
LCSD 570-104518/5	Lab Control Sample Dup	102	99	96	101
LCSD 570-104939/4	Lab Control Sample Dup	101	97	90	109
MB 570-104509/7	Method Blank	90	110	97	95
MB 570-104518/7	Method Blank	97	98	103	98
MB 570-104518/8	Method Blank	102	96	97	102
MB 570-104939/6	Method Blank	97	102	94	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-41744-1	MW-2,10	76
570-41744-2	MW-2,15	80
570-41744-3	MW-2,20	82
570-41744-4	MW-2,25	75
570-41744-5	MW-2,30	82
570-41744-6	MW-2,35	76
570-41744-7	MW-2,40	73
570-41744-8	MW-2,45	79
570-41744-9	MW-2,50	71
570-41744-10	MW-2,55	81
570-41744-11	MW-2,65	85
570-41744-12	MW-2,70	83
570-41744-13	MW-2,75	78
570-41744-14	MW-2,80	67
570-41744-15	MW-2,85	71
570-41744-16	MW-2,90	74
570-41744-17	MW-2,95	80
570-41744-18	MW-2,100	73
570-41744-19	MW-2,105	76
570-41744-20	MW-2,110	75
570-41744-21	MW-2,115	74
570-41744-22	MW-2,120	73
570-41744-23	MW-2,125	75
570-41744-24	MW-2,130	66
570-41744-25	MW-2,135	74
570-41744-26	MW-2,140	71
570-41744-27	MW-2,145	72
570-41744-28	MW-2,150	71
570-41744-29	MW-2,60	64
LCS 570-104058/3	Lab Control Sample	89
LCS 570-104833/3	Lab Control Sample	82
LCSD 570-104058/4	Lab Control Sample Dup	87
LCSD 570-104833/4	Lab Control Sample Dup	82
MB 570-104058/5	Method Blank	76
MB 570-104833/5	Method Blank	74

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
570-41744-1	MW-2,10	98
570-41744-1 MS	MW-2,10	95
570-41744-1 MSD	MW-2,10	91
570-41744-2	MW-2,15	96
570-41744-3	MW-2,20	89
570-41744-4	MW-2,25	103

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)						
570-41744-5	MW-2,30	88						
570-41744-6	MW-2,35	93						
570-41744-7	MW-2,40	98						
570-41744-8	MW-2,45	96						
570-41744-9	MW-2,50	91						
570-41744-10	MW-2,55	95						
570-41744-11	MW-2,65	93						
570-41744-12	MW-2,70	98						
570-41744-13	MW-2,75	97						
570-41744-14	MW-2,80	87						
570-41744-15	MW-2,85	100						
570-41744-16	MW-2,90	94						
570-41744-17	MW-2,95	96						
570-41744-18	MW-2,100	98						
570-41744-19	MW-2,105	101						
570-41744-20	MW-2,110	93						
570-41744-21	MW-2,115	95						
570-41744-22	MW-2,120	91						
570-41744-23	MW-2,125	94						
570-41744-24	MW-2,130	95						
570-41744-25	MW-2,135	87						
570-41744-26	MW-2,140	99						
570-41744-27	MW-2,145	92						
570-41744-28	MW-2,150	94						
570-41744-29	MW-2,60	87						
570-41881-C-7-B MS	Matrix Spike	92						
570-41881-C-7-C MSD	Matrix Spike Duplicate	91						
LCS 570-105234/2-A	Lab Control Sample	95						
LCS 570-105403/2-A	Lab Control Sample	98						
LCSD 570-105234/3-A	Lab Control Sample Dup	96						
LCSD 570-105403/3-A	Lab Control Sample Dup	102						
MB 570-105234/1-A	Method Blank	94						
MB 570-105403/1-A	Method Blank	98						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-104509/7
Matrix: Solid
Analysis Batch: 104509

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/26/20 11:43	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/26/20 11:43	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:43	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/26/20 11:43	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/26/20 11:43	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/26/20 11:43	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/26/20 11:43	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/26/20 11:43	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/26/20 11:43	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/26/20 11:43	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/26/20 11:43	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/26/20 11:43	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/26/20 11:43	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/26/20 11:43	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:43	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/26/20 11:43	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/26/20 11:43	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/26/20 11:43	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/26/20 11:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/26/20 11:43	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/26/20 11:43	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/26/20 11:43	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:43	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:43	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/26/20 11:43	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/26/20 11:43	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:43	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:43	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/26/20 11:43	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:43	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/26/20 11:43	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/26/20 11:43	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/26/20 11:43	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/26/20 11:43	1
Ethanol	ND		0.25	0.066	mg/Kg			10/26/20 11:43	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/26/20 11:43	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/26/20 11:43	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:43	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/26/20 11:43	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/26/20 11:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/26/20 11:43	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/26/20 11:43	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/26/20 11:43	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:43	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:43	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:43	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/26/20 11:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104509/7
Matrix: Solid
Analysis Batch: 104509

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:43	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/26/20 11:43	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/26/20 11:43	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/26/20 11:43	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:43	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/26/20 11:43	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/26/20 11:43	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/26/20 11:43	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:43	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/26/20 11:43	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/26/20 11:43	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/26/20 11:43	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/26/20 11:43	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/26/20 11:43	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/26/20 11:43	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/26/20 11:43	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/26/20 11:43	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/26/20 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/26/20 11:43	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:43	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:43	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/26/20 11:43	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/26/20 11:43	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/26/20 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/26/20 11:43*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*		*10/26/20 11:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*		*10/26/20 11:43*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/26/20 11:43*	*1*

Lab Sample ID: LCS 570-104509/4
Matrix: Solid
Analysis Batch: 104509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04761		mg/Kg		95	79 - 120
Carbon tetrachloride	0.0500	0.05683		mg/Kg		114	58 - 142
Chlorobenzene	0.0500	0.05435		mg/Kg		109	80 - 120
1,2-Dibromoethane	0.0500	0.04864		mg/Kg		97	80 - 120
1,2-Dichlorobenzene	0.0500	0.05192		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0500	0.04333		mg/Kg		87	79 - 121
1,1-Dichloroethene	0.0500	0.05445		mg/Kg		109	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.05228		mg/Kg		105	65 - 131
Ethanol	0.500	0.5062		mg/Kg		101	32 - 158
Ethylbenzene	0.0500	0.05067		mg/Kg		101	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.04723		mg/Kg		94	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04661		mg/Kg		93	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-104509/4
Matrix: Solid
Analysis Batch: 104509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			0.100	0.1012		mg/Kg		101	80 - 122		
o-Xylene			0.0500	0.05057		mg/Kg		101	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*92*		*71 - 155*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-104509/5
Matrix: Solid
Analysis Batch: 104509

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04498		mg/Kg		90	79 - 120	6	20
Carbon tetrachloride			0.0500	0.05511		mg/Kg		110	58 - 142	3	20
Chlorobenzene			0.0500	0.05229		mg/Kg		105	80 - 120	4	20
1,2-Dibromoethane			0.0500	0.04578		mg/Kg		92	80 - 120	6	20
1,2-Dichlorobenzene			0.0500	0.04987		mg/Kg		100	80 - 120	4	20
1,2-Dichloroethane			0.0500	0.04164		mg/Kg		83	79 - 121	4	20
1,1-Dichloroethene			0.0500	0.05437		mg/Kg		109	71 - 125	0	20
Di-isopropyl ether (DIPE)			0.0500	0.04989		mg/Kg		100	65 - 131	5	20
Ethanol			0.500	0.5539		mg/Kg		111	32 - 158	9	27
Ethylbenzene			0.0500	0.04873		mg/Kg		97	57 - 153	4	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04634		mg/Kg		93	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04538		mg/Kg		91	64 - 124	3	20
m,p-Xylene			0.100	0.09651		mg/Kg		97	80 - 122	5	20
o-Xylene			0.0500	0.04900		mg/Kg		98	79 - 127	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*92*		*71 - 155*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 570-104518/7
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/26/20 11:15	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/26/20 11:15	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:15	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/26/20 11:15	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/26/20 11:15	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/26/20 11:15	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/26/20 11:15	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/26/20 11:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104518/7
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/26/20 11:15	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/26/20 11:15	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/26/20 11:15	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/26/20 11:15	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/26/20 11:15	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/26/20 11:15	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:15	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/26/20 11:15	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/26/20 11:15	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/26/20 11:15	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/26/20 11:15	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/26/20 11:15	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/26/20 11:15	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/26/20 11:15	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:15	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:15	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/26/20 11:15	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/26/20 11:15	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:15	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:15	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/26/20 11:15	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/26/20 11:15	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/26/20 11:15	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/26/20 11:15	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/26/20 11:15	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/26/20 11:15	1
Ethanol	ND		0.25	0.066	mg/Kg			10/26/20 11:15	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/26/20 11:15	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/26/20 11:15	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:15	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/26/20 11:15	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/26/20 11:15	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/26/20 11:15	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/26/20 11:15	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/26/20 11:15	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/26/20 11:15	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:15	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:15	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/26/20 11:15	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:15	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/26/20 11:15	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/26/20 11:15	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/26/20 11:15	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/26/20 11:15	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/26/20 11:15	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/26/20 11:15	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/26/20 11:15	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/26/20 11:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104518/7
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/26/20 11:15	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/26/20 11:15	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/26/20 11:15	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/26/20 11:15	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/26/20 11:15	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/26/20 11:15	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/26/20 11:15	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/26/20 11:15	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/26/20 11:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/26/20 11:15	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:15	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/26/20 11:15	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/26/20 11:15	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/26/20 11:15	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/26/20 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/26/20 11:15*	*1*
Dibromofluoromethane (Surr)	*98*		*79 - 133*		*10/26/20 11:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*		*10/26/20 11:15*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/26/20 11:15*	*1*

Lab Sample ID: MB 570-104518/8
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1.0	0.49	mg/Kg			10/26/20 11:42	50
Benzene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
Bromobenzene	ND		0.050	0.010	mg/Kg			10/26/20 11:42	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			10/26/20 11:42	50
Bromodichloromethane	ND		0.050	0.0080	mg/Kg			10/26/20 11:42	50
Bromoform	ND		0.25	0.066	mg/Kg			10/26/20 11:42	50
Bromomethane	ND		1.0	0.33	mg/Kg			10/26/20 11:42	50
2-Butanone	ND		1.0	0.23	mg/Kg			10/26/20 11:42	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			10/26/20 11:42	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
Chloroethane	ND		0.10	0.075	mg/Kg			10/26/20 11:42	50
Chloroform	ND		0.050	0.029	mg/Kg			10/26/20 11:42	50
Chloromethane	ND		1.0	0.077	mg/Kg			10/26/20 11:42	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			10/26/20 11:42	50
c-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			10/26/20 11:42	50
c-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			10/26/20 11:42	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			10/26/20 11:42	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.34	mg/Kg			10/26/20 11:42	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			10/26/20 11:42	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104518/8
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			10/26/20 11:42	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			10/26/20 11:42	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			10/26/20 11:42	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			10/26/20 11:42	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			10/26/20 11:42	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			10/26/20 11:42	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			10/26/20 11:42	50
Ethanol	ND		13	3.3	mg/Kg			10/26/20 11:42	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			10/26/20 11:42	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			10/26/20 11:42	50
2-Hexanone	ND		1.0	0.15	mg/Kg			10/26/20 11:42	50
Isopropylbenzene	ND		0.050	0.030	mg/Kg			10/26/20 11:42	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			10/26/20 11:42	50
4-Methyl-2-pentanone	ND		1.0	0.15	mg/Kg			10/26/20 11:42	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			10/26/20 11:42	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			10/26/20 11:42	50
Naphthalene	ND		0.50	0.26	mg/Kg			10/26/20 11:42	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			10/26/20 11:42	50
N-Propylbenzene	ND		0.10	0.030	mg/Kg			10/26/20 11:42	50
o-Xylene	ND		0.050	0.030	mg/Kg			10/26/20 11:42	50
p-Isopropyltoluene	ND		0.050	0.035	mg/Kg			10/26/20 11:42	50
sec-Butylbenzene	ND		0.050	0.030	mg/Kg			10/26/20 11:42	50
Styrene	ND		0.050	0.035	mg/Kg			10/26/20 11:42	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			10/26/20 11:42	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			10/26/20 11:42	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			10/26/20 11:42	50
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			10/26/20 11:42	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			10/26/20 11:42	50
Toluene	ND		0.050	0.030	mg/Kg			10/26/20 11:42	50
t-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			10/26/20 11:42	50
t-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			10/26/20 11:42	50
1,2,3-Trichlorobenzene	ND		0.10	0.050	mg/Kg			10/26/20 11:42	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			10/26/20 11:42	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			10/26/20 11:42	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			10/26/20 11:42	50
Trichloroethene	ND		0.10	0.019	mg/Kg			10/26/20 11:42	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			10/26/20 11:42	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			10/26/20 11:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			10/26/20 11:42	50
1,2,4-Trimethylbenzene	ND		0.10	0.030	mg/Kg			10/26/20 11:42	50
1,3,5-Trimethylbenzene	ND		0.10	0.030	mg/Kg			10/26/20 11:42	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			10/26/20 11:42	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104518/8
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.050	0.019	mg/Kg			10/26/20 11:42	50
Xylenes, Total	ND		0.15	0.035	mg/Kg			10/26/20 11:42	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/26/20 11:42*	*50*
Dibromofluoromethane (Surr)	*96*		*79 - 133*		*10/26/20 11:42*	*50*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*		*10/26/20 11:42*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/26/20 11:42*	*50*

Lab Sample ID: LCS 570-104518/4
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04873		mg/Kg		97	79 - 120
Carbon tetrachloride	0.0500	0.05163		mg/Kg		103	58 - 142
Chlorobenzene	0.0500	0.05010		mg/Kg		100	80 - 120
1,2-Dibromoethane	0.0500	0.05094		mg/Kg		102	80 - 120
1,2-Dichlorobenzene	0.0500	0.04957		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0500	0.04881		mg/Kg		98	79 - 121
1,1-Dichloroethene	0.0500	0.04925		mg/Kg		98	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.05027		mg/Kg		101	65 - 131
Ethanol	0.500	0.5079		mg/Kg		102	32 - 158
Ethylbenzene	0.0500	0.05074		mg/Kg		101	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.05173		mg/Kg		103	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05026		mg/Kg		101	64 - 124
m,p-Xylene	0.100	0.1017		mg/Kg		102	80 - 122
o-Xylene	0.0500	0.05155		mg/Kg		103	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-104518/5
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04867		mg/Kg		97	79 - 120	0	20
Carbon tetrachloride	0.0500	0.05085		mg/Kg		102	58 - 142	2	20
Chlorobenzene	0.0500	0.04950		mg/Kg		99	80 - 120	1	20
1,2-Dibromoethane	0.0500	0.05047		mg/Kg		101	80 - 120	1	20
1,2-Dichlorobenzene	0.0500	0.04910		mg/Kg		98	80 - 120	1	20
1,2-Dichloroethane	0.0500	0.04881		mg/Kg		98	79 - 121	0	20
1,1-Dichloroethene	0.0500	0.04833		mg/Kg		97	71 - 125	2	20
Di-isopropyl ether (DIPE)	0.0500	0.04963		mg/Kg		99	65 - 131	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-104518/5
Matrix: Solid
Analysis Batch: 104518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethanol			0.500	0.4074		mg/Kg		81	32 - 158	22	27
Ethylbenzene			0.0500	0.05014		mg/Kg		100	57 - 153	1	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05125		mg/Kg		103	58 - 136	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.05012		mg/Kg		100	64 - 124	0	20
m,p-Xylene			0.100	0.1007		mg/Kg		101	80 - 122	1	20
o-Xylene			0.0500	0.05118		mg/Kg		102	79 - 127	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-104939/6
Matrix: Solid
Analysis Batch: 104939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/27/20 16:28	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/27/20 16:28	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/27/20 16:28	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/27/20 16:28	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/27/20 16:28	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/27/20 16:28	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/27/20 16:28	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/27/20 16:28	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/27/20 16:28	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/27/20 16:28	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/27/20 16:28	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/27/20 16:28	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/27/20 16:28	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/27/20 16:28	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/27/20 16:28	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/27/20 16:28	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/27/20 16:28	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/27/20 16:28	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/27/20 16:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/27/20 16:28	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/27/20 16:28	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/27/20 16:28	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/27/20 16:28	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/27/20 16:28	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/27/20 16:28	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/27/20 16:28	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/27/20 16:28	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/27/20 16:28	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/27/20 16:28	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/27/20 16:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-104939/6
Matrix: Solid
Analysis Batch: 104939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/27/20 16:28	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/27/20 16:28	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/27/20 16:28	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/27/20 16:28	1
Ethanol	ND		0.25	0.066	mg/Kg			10/27/20 16:28	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/27/20 16:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/27/20 16:28	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/27/20 16:28	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/27/20 16:28	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/27/20 16:28	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/27/20 16:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/27/20 16:28	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/27/20 16:28	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/27/20 16:28	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/27/20 16:28	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/27/20 16:28	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/27/20 16:28	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/27/20 16:28	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/27/20 16:28	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/27/20 16:28	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/27/20 16:28	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/27/20 16:28	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/27/20 16:28	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/27/20 16:28	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/27/20 16:28	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/27/20 16:28	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/27/20 16:28	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/27/20 16:28	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/27/20 16:28	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/27/20 16:28	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/27/20 16:28	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/27/20 16:28	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/27/20 16:28	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/27/20 16:28	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/27/20 16:28	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/27/20 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/27/20 16:28	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/27/20 16:28	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/27/20 16:28	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/27/20 16:28	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/27/20 16:28	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/27/20 16:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/27/20 16:28*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*		*10/27/20 16:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*		*10/27/20 16:28*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/27/20 16:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-104939/3
Matrix: Solid
Analysis Batch: 104939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.04859		mg/Kg		97	79 - 120		
Carbon tetrachloride			0.0500	0.05087		mg/Kg		102	58 - 142		
Chlorobenzene			0.0500	0.05345		mg/Kg		107	80 - 120		
1,2-Dibromoethane			0.0500	0.05074		mg/Kg		101	80 - 120		
1,2-Dichlorobenzene			0.0500	0.05273		mg/Kg		105	80 - 120		
1,2-Dichloroethane			0.0500	0.04627		mg/Kg		93	79 - 121		
1,1-Dichloroethene			0.0500	0.05280		mg/Kg		106	71 - 125		
Di-isopropyl ether (DIPE)			0.0500	0.04875		mg/Kg		97	65 - 131		
Ethanol			0.500	0.4762		mg/Kg		95	32 - 158		
Ethylbenzene			0.0500	0.05162		mg/Kg		103	57 - 153		
Ethyl-t-butyl ether (ETBE)			0.0500	0.04659		mg/Kg		93	58 - 136		
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04585		mg/Kg		92	64 - 124		
m,p-Xylene			0.100	0.1026		mg/Kg		103	80 - 122		
o-Xylene			0.0500	0.05256		mg/Kg		105	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*92*		*71 - 155*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-104939/4
Matrix: Solid
Analysis Batch: 104939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04698		mg/Kg		94	79 - 120	3	20
Carbon tetrachloride			0.0500	0.05134		mg/Kg		103	58 - 142	1	20
Chlorobenzene			0.0500	0.05344		mg/Kg		107	80 - 120	0	20
1,2-Dibromoethane			0.0500	0.04802		mg/Kg		96	80 - 120	6	20
1,2-Dichlorobenzene			0.0500	0.05106		mg/Kg		102	80 - 120	3	20
1,2-Dichloroethane			0.0500	0.04573		mg/Kg		91	79 - 121	1	20
1,1-Dichloroethene			0.0500	0.05108		mg/Kg		102	71 - 125	3	20
Di-isopropyl ether (DIPE)			0.0500	0.04732		mg/Kg		95	65 - 131	3	20
Ethanol			0.500	0.4644		mg/Kg		93	32 - 158	3	27
Ethylbenzene			0.0500	0.05240		mg/Kg		105	57 - 153	2	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04570		mg/Kg		91	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04551		mg/Kg		91	64 - 124	1	20
m,p-Xylene			0.100	0.1048		mg/Kg		105	80 - 122	2	20
o-Xylene			0.0500	0.05296		mg/Kg		106	79 - 127	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*90*		*71 - 155*
Toluene-d8 (Surr)	*109*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-104058/5
Matrix: Solid
Analysis Batch: 104058

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg			10/23/20 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*		*10/23/20 10:50*	*1*

Lab Sample ID: LCS 570-104058/3
Matrix: Solid
Analysis Batch: 104058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.00	2.124		mg/Kg		106	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*

Lab Sample ID: LCSD 570-104058/4
Matrix: Solid
Analysis Batch: 104058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	2.098		mg/Kg		104	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*42 - 126*

Lab Sample ID: MB 570-104833/5
Matrix: Solid
Analysis Batch: 104833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.099	0.055	mg/Kg			10/27/20 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*		*10/27/20 11:07*	*1*

Lab Sample ID: LCS 570-104833/3
Matrix: Solid
Analysis Batch: 104833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.02	2.123		mg/Kg		105	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-104833/4
Matrix: Solid
Analysis Batch: 104833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.00	2.085		mg/Kg		104	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-105234/1-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 13:09	10/28/20 19:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*10/28/20 13:09*	*10/28/20 19:55*	*1*

Lab Sample ID: LCS 570-105234/2-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105234

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	396.6		mg/Kg		99	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*61 - 145*

Lab Sample ID: LCSD 570-105234/3-A
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	419.0		mg/Kg		105	67 - 121	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*61 - 145*

Lab Sample ID: 570-41881-C-7-B MS
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	14		411	413.3		mg/Kg		97	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-41881-C-7-C MSD
Matrix: Solid
Analysis Batch: 105347

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 105234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	14		386	384.8		mg/Kg		96	33 - 153	7	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

Lab Sample ID: MB 570-105403/1-A
Matrix: Solid
Analysis Batch: 105602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		10/28/20 20:12	10/29/20 21:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/28/20 20:12*	*10/29/20 21:16*	*1*

Lab Sample ID: LCS 570-105403/2-A
Matrix: Solid
Analysis Batch: 105602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105403

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	390.2		mg/Kg		98	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*61 - 145*

Lab Sample ID: LCSD 570-105403/3-A
Matrix: Solid
Analysis Batch: 105602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105403

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	398.8		mg/Kg		100	67 - 121	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*102*		*61 - 145*

Lab Sample ID: 570-41744-1 MS
Matrix: Solid
Analysis Batch: 105602

Client Sample ID: MW-2,10
Prep Type: Total/NA
Prep Batch: 105403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	ND		399	386.4		mg/Kg		97	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-41744-1 MSD
Matrix: Solid
Analysis Batch: 105602

Client Sample ID: MW-2,10
Prep Type: Total/NA
Prep Batch: 105403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	ND		384	353.6		mg/Kg		92	33 - 153	9	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

GC/MS VOA

Prep Batch: 103939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	5035	
570-41744-2	MW-2,15	Total/NA	Solid	5035	
570-41744-3	MW-2,20	Total/NA	Solid	5035	
570-41744-4	MW-2,25	Total/NA	Solid	5035	
570-41744-5	MW-2,30	Total/NA	Solid	5035	
570-41744-6	MW-2,35	Total/NA	Solid	5035	
570-41744-7	MW-2,40	Total/NA	Solid	5035	
570-41744-8	MW-2,45	Total/NA	Solid	5035	
570-41744-9	MW-2,50	Total/NA	Solid	5035	
570-41744-10	MW-2,55	Total/NA	Solid	5035	
570-41744-11	MW-2,65	Total/NA	Solid	5035	
570-41744-12	MW-2,70	Total/NA	Solid	5035	
570-41744-13	MW-2,75	Total/NA	Solid	5035	
570-41744-14	MW-2,80	Total/NA	Solid	5035	
570-41744-15	MW-2,85	Total/NA	Solid	5035	
570-41744-16	MW-2,90	Total/NA	Solid	5035	
570-41744-17	MW-2,95	Total/NA	Solid	5035	
570-41744-18	MW-2,100	Total/NA	Solid	5035	
570-41744-19	MW-2,105	Total/NA	Solid	5035	
570-41744-20	MW-2,110	Total/NA	Solid	5035	
570-41744-21	MW-2,115	Total/NA	Solid	5035	
570-41744-22	MW-2,120	Total/NA	Solid	5035	
570-41744-23	MW-2,125	Total/NA	Solid	5035	
570-41744-24	MW-2,130	Total/NA	Solid	5035	
570-41744-25	MW-2,135	Total/NA	Solid	5035	
570-41744-26	MW-2,140	Total/NA	Solid	5035	
570-41744-27	MW-2,145	Total/NA	Solid	5035	
570-41744-28	MW-2,150	Total/NA	Solid	5035	
570-41744-29	MW-2,60	Total/NA	Solid	5035	

Prep Batch: 103940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-12 - DL	MW-2,70	Total/NA	Solid	5035	

Analysis Batch: 104509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-13	MW-2,75	Total/NA	Solid	8260B	103939
570-41744-14	MW-2,80	Total/NA	Solid	8260B	103939
570-41744-15	MW-2,85	Total/NA	Solid	8260B	103939
570-41744-16	MW-2,90	Total/NA	Solid	8260B	103939
570-41744-17	MW-2,95	Total/NA	Solid	8260B	103939
570-41744-18	MW-2,100	Total/NA	Solid	8260B	103939
570-41744-19	MW-2,105	Total/NA	Solid	8260B	103939
570-41744-20	MW-2,110	Total/NA	Solid	8260B	103939
570-41744-21	MW-2,115	Total/NA	Solid	8260B	103939
570-41744-22	MW-2,120	Total/NA	Solid	8260B	103939
570-41744-23	MW-2,125	Total/NA	Solid	8260B	103939
570-41744-24	MW-2,130	Total/NA	Solid	8260B	103939
570-41744-25	MW-2,135	Total/NA	Solid	8260B	103939
570-41744-26	MW-2,140	Total/NA	Solid	8260B	103939
570-41744-27	MW-2,145	Total/NA	Solid	8260B	103939

GC/MS VOA (Continued)

Analysis Batch: 104509 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-28	MW-2,150	Total/NA	Solid	8260B	103939
570-41744-29	MW-2,60	Total/NA	Solid	8260B	103939
MB 570-104509/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-104509/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-104509/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 104518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	8260B	103939
570-41744-2	MW-2,15	Total/NA	Solid	8260B	103939
570-41744-3	MW-2,20	Total/NA	Solid	8260B	103939
570-41744-4	MW-2,25	Total/NA	Solid	8260B	103939
570-41744-5	MW-2,30	Total/NA	Solid	8260B	103939
570-41744-6	MW-2,35	Total/NA	Solid	8260B	103939
570-41744-7	MW-2,40	Total/NA	Solid	8260B	103939
570-41744-8	MW-2,45	Total/NA	Solid	8260B	103939
570-41744-9	MW-2,50	Total/NA	Solid	8260B	103939
570-41744-10	MW-2,55	Total/NA	Solid	8260B	103939
570-41744-11	MW-2,65	Total/NA	Solid	8260B	103939
570-41744-12 - DL	MW-2,70	Total/NA	Solid	8260B	103940
MB 570-104518/7	Method Blank	Total/NA	Solid	8260B	
MB 570-104518/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-104518/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-104518/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 104939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-12	MW-2,70	Total/NA	Solid	8260B	103939
MB 570-104939/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-104939/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-104939/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 103939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	5035	
570-41744-2	MW-2,15	Total/NA	Solid	5035	
570-41744-3	MW-2,20	Total/NA	Solid	5035	
570-41744-4	MW-2,25	Total/NA	Solid	5035	
570-41744-5	MW-2,30	Total/NA	Solid	5035	
570-41744-6	MW-2,35	Total/NA	Solid	5035	
570-41744-7	MW-2,40	Total/NA	Solid	5035	
570-41744-8	MW-2,45	Total/NA	Solid	5035	
570-41744-9	MW-2,50	Total/NA	Solid	5035	
570-41744-10	MW-2,55	Total/NA	Solid	5035	
570-41744-11	MW-2,65	Total/NA	Solid	5035	
570-41744-12	MW-2,70	Total/NA	Solid	5035	
570-41744-13	MW-2,75	Total/NA	Solid	5035	
570-41744-14	MW-2,80	Total/NA	Solid	5035	
570-41744-15	MW-2,85	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 103939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-16	MW-2,90	Total/NA	Solid	5035	
570-41744-17	MW-2,95	Total/NA	Solid	5035	
570-41744-18	MW-2,100	Total/NA	Solid	5035	
570-41744-19	MW-2,105	Total/NA	Solid	5035	
570-41744-20	MW-2,110	Total/NA	Solid	5035	
570-41744-21	MW-2,115	Total/NA	Solid	5035	
570-41744-22	MW-2,120	Total/NA	Solid	5035	
570-41744-23	MW-2,125	Total/NA	Solid	5035	
570-41744-24	MW-2,130	Total/NA	Solid	5035	
570-41744-25	MW-2,135	Total/NA	Solid	5035	
570-41744-26	MW-2,140	Total/NA	Solid	5035	
570-41744-27	MW-2,145	Total/NA	Solid	5035	
570-41744-28	MW-2,150	Total/NA	Solid	5035	
570-41744-29	MW-2,60	Total/NA	Solid	5035	

Analysis Batch: 104058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	8015B	103939
570-41744-2	MW-2,15	Total/NA	Solid	8015B	103939
570-41744-3	MW-2,20	Total/NA	Solid	8015B	103939
570-41744-4	MW-2,25	Total/NA	Solid	8015B	103939
570-41744-5	MW-2,30	Total/NA	Solid	8015B	103939
570-41744-6	MW-2,35	Total/NA	Solid	8015B	103939
570-41744-7	MW-2,40	Total/NA	Solid	8015B	103939
570-41744-8	MW-2,45	Total/NA	Solid	8015B	103939
570-41744-9	MW-2,50	Total/NA	Solid	8015B	103939
570-41744-10	MW-2,55	Total/NA	Solid	8015B	103939
570-41744-11	MW-2,65	Total/NA	Solid	8015B	103939
MB 570-104058/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-104058/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-104058/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 104833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-12	MW-2,70	Total/NA	Solid	8015B	103939
570-41744-13	MW-2,75	Total/NA	Solid	8015B	103939
570-41744-14	MW-2,80	Total/NA	Solid	8015B	103939
570-41744-15	MW-2,85	Total/NA	Solid	8015B	103939
570-41744-16	MW-2,90	Total/NA	Solid	8015B	103939
570-41744-17	MW-2,95	Total/NA	Solid	8015B	103939
570-41744-18	MW-2,100	Total/NA	Solid	8015B	103939
570-41744-19	MW-2,105	Total/NA	Solid	8015B	103939
570-41744-20	MW-2,110	Total/NA	Solid	8015B	103939
570-41744-21	MW-2,115	Total/NA	Solid	8015B	103939
570-41744-22	MW-2,120	Total/NA	Solid	8015B	103939
570-41744-23	MW-2,125	Total/NA	Solid	8015B	103939
570-41744-24	MW-2,130	Total/NA	Solid	8015B	103939
570-41744-25	MW-2,135	Total/NA	Solid	8015B	103939
570-41744-26	MW-2,140	Total/NA	Solid	8015B	103939
570-41744-27	MW-2,145	Total/NA	Solid	8015B	103939
570-41744-28	MW-2,150	Total/NA	Solid	8015B	103939

GC VOA (Continued)

Analysis Batch: 104833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-29	MW-2,60	Total/NA	Solid	8015B	103939
MB 570-104833/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-104833/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-104833/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 105234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-21	MW-2,115	Total/NA	Solid	3550C	
570-41744-22	MW-2,120	Total/NA	Solid	3550C	
570-41744-23	MW-2,125	Total/NA	Solid	3550C	
570-41744-24	MW-2,130	Total/NA	Solid	3550C	
570-41744-25	MW-2,135	Total/NA	Solid	3550C	
570-41744-26	MW-2,140	Total/NA	Solid	3550C	
570-41744-27	MW-2,145	Total/NA	Solid	3550C	
570-41744-28	MW-2,150	Total/NA	Solid	3550C	
570-41744-29	MW-2,60	Total/NA	Solid	3550C	
MB 570-105234/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-105234/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-105234/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-41881-C-7-B MS	Matrix Spike	Total/NA	Solid	3550C	
570-41881-C-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Analysis Batch: 105347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-105234/1-A	Method Blank	Total/NA	Solid	8015B	105234
LCS 570-105234/2-A	Lab Control Sample	Total/NA	Solid	8015B	105234
LCSD 570-105234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	105234
570-41881-C-7-B MS	Matrix Spike	Total/NA	Solid	8015B	105234
570-41881-C-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	105234

Prep Batch: 105403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	3550C	
570-41744-2	MW-2,15	Total/NA	Solid	3550C	
570-41744-3	MW-2,20	Total/NA	Solid	3550C	
570-41744-4	MW-2,25	Total/NA	Solid	3550C	
570-41744-5	MW-2,30	Total/NA	Solid	3550C	
570-41744-6	MW-2,35	Total/NA	Solid	3550C	
570-41744-7	MW-2,40	Total/NA	Solid	3550C	
570-41744-8	MW-2,45	Total/NA	Solid	3550C	
570-41744-9	MW-2,50	Total/NA	Solid	3550C	
570-41744-10	MW-2,55	Total/NA	Solid	3550C	
570-41744-11	MW-2,65	Total/NA	Solid	3550C	
570-41744-12	MW-2,70	Total/NA	Solid	3550C	
570-41744-13	MW-2,75	Total/NA	Solid	3550C	
570-41744-14	MW-2,80	Total/NA	Solid	3550C	
570-41744-15	MW-2,85	Total/NA	Solid	3550C	
570-41744-16	MW-2,90	Total/NA	Solid	3550C	
570-41744-17	MW-2,95	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 105403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-18	MW-2,100	Total/NA	Solid	3550C	
570-41744-19	MW-2,105	Total/NA	Solid	3550C	
570-41744-20	MW-2,110	Total/NA	Solid	3550C	
MB 570-105403/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-105403/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-105403/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-41744-1 MS	MW-2,10	Total/NA	Solid	3550C	
570-41744-1 MSD	MW-2,10	Total/NA	Solid	3550C	

Analysis Batch: 105602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-1	MW-2,10	Total/NA	Solid	8015B	105403
570-41744-2	MW-2,15	Total/NA	Solid	8015B	105403
570-41744-3	MW-2,20	Total/NA	Solid	8015B	105403
570-41744-4	MW-2,25	Total/NA	Solid	8015B	105403
570-41744-5	MW-2,30	Total/NA	Solid	8015B	105403
570-41744-6	MW-2,35	Total/NA	Solid	8015B	105403
570-41744-7	MW-2,40	Total/NA	Solid	8015B	105403
570-41744-8	MW-2,45	Total/NA	Solid	8015B	105403
570-41744-9	MW-2,50	Total/NA	Solid	8015B	105403
570-41744-10	MW-2,55	Total/NA	Solid	8015B	105403
570-41744-11	MW-2,65	Total/NA	Solid	8015B	105403
570-41744-12	MW-2,70	Total/NA	Solid	8015B	105403
570-41744-13	MW-2,75	Total/NA	Solid	8015B	105403
570-41744-14	MW-2,80	Total/NA	Solid	8015B	105403
570-41744-15	MW-2,85	Total/NA	Solid	8015B	105403
570-41744-16	MW-2,90	Total/NA	Solid	8015B	105403
570-41744-17	MW-2,95	Total/NA	Solid	8015B	105403
570-41744-18	MW-2,100	Total/NA	Solid	8015B	105403
570-41744-19	MW-2,105	Total/NA	Solid	8015B	105403
570-41744-20	MW-2,110	Total/NA	Solid	8015B	105403
MB 570-105403/1-A	Method Blank	Total/NA	Solid	8015B	105403
LCS 570-105403/2-A	Lab Control Sample	Total/NA	Solid	8015B	105403
LCSD 570-105403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	105403
570-41744-1 MS	MW-2,10	Total/NA	Solid	8015B	105403
570-41744-1 MSD	MW-2,10	Total/NA	Solid	8015B	105403

Analysis Batch: 105642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41744-21	MW-2,115	Total/NA	Solid	8015B	105234
570-41744-22	MW-2,120	Total/NA	Solid	8015B	105234
570-41744-23	MW-2,125	Total/NA	Solid	8015B	105234
570-41744-24	MW-2,130	Total/NA	Solid	8015B	105234
570-41744-25	MW-2,135	Total/NA	Solid	8015B	105234
570-41744-26	MW-2,140	Total/NA	Solid	8015B	105234
570-41744-27	MW-2,145	Total/NA	Solid	8015B	105234
570-41744-28	MW-2,150	Total/NA	Solid	8015B	105234
570-41744-29	MW-2,60	Total/NA	Solid	8015B	105234

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,10

Date Collected: 10/21/20 09:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.67 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 14:05	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.19 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 14:44	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.86 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/29/20 22:58	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,15

Date Collected: 10/21/20 09:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.57 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 14:33	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.57 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 15:55	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.66 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/29/20 23:18	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,20

Date Collected: 10/21/20 09:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 15:01	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.55 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 16:18	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.82 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/29/20 23:39	UJ3K	ECL 1
	Instrument ID: GC45									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,25

Date Collected: 10/21/20 09:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.88 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 15:28	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.82 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 16:41	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.10 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/29/20 23:59	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,30

Date Collected: 10/21/20 10:00
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.56 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 15:56	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.49 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 17:05	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.48 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 00:20	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,35

Date Collected: 10/21/20 10:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.39 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 16:24	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.98 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 17:28	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.63 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 00:42	UJ3K	ECL 1
	Instrument ID: GC45									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,40

Date Collected: 10/21/20 10:20
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.53 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 16:52	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			6.41 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 17:52	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.69 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 01:02	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,45

Date Collected: 10/21/20 10:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.64 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 17:20	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.61 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 18:15	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.09 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 01:24	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,50

Date Collected: 10/21/20 10:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.95 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 17:48	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.74 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 18:38	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.16 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 01:45	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,55

Lab Sample ID: 570-41744-10

Date Collected: 10/21/20 10:50

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.74 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 18:16	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.54 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 19:02	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.31 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 02:07	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,65

Lab Sample ID: 570-41744-11

Date Collected: 10/21/20 11:10

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.32 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104518	10/26/20 18:43	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.21 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104058	10/23/20 19:25	EI	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.62 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 02:47	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,70

Lab Sample ID: 570-41744-12

Date Collected: 10/21/20 11:20

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035	DL		5.01 g	10 mL	103940	10/22/20 17:35	HKC	ECL 2
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	104518	10/26/20 19:38	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.71 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104939	10/28/20 01:50	MGX6	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.86 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 13:44	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.81 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 03:08	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,75

Date Collected: 10/21/20 11:30
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.97 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 12:36	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.04 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 15:45	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.88 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 03:28	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,80

Date Collected: 10/21/20 11:35
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.93 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 13:02	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.01 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 16:10	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.48 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 03:48	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,85

Date Collected: 10/21/20 11:40
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.14 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 13:28	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.12 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 16:34	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.57 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 04:08	UJ3K	ECL 1
	Instrument ID: GC45									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,90

Lab Sample ID: 570-41744-16

Date Collected: 10/21/20 11:50

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.46 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 13:55	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			3.98 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 16:58	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.85 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 04:29	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,95

Lab Sample ID: 570-41744-17

Date Collected: 10/21/20 11:55

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.60 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 14:21	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.16 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 17:21	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.44 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 04:49	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,100

Lab Sample ID: 570-41744-18

Date Collected: 10/21/20 12:00

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.27 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 14:48	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.20 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 17:45	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.60 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 05:11	UJ3K	ECL 1
	Instrument ID: GC45									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,105

Date Collected: 10/21/20 12:50
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.31 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 15:14	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.28 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 18:09	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.41 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 05:31	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,110

Date Collected: 10/21/20 12:55
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.34 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 15:40	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.25 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 18:56	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.68 g	10 mL	105403	10/28/20 20:12	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105602	10/30/20 05:53	UJ3K	ECL 1
	Instrument ID: GC45									

Client Sample ID: MW-2,115

Date Collected: 10/21/20 13:10
Date Received: 10/21/20 18:20

Lab Sample ID: 570-41744-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.17 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 16:07	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.50 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 19:20	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.65 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 21:21	A1W	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,120

Lab Sample ID: 570-41744-22

Date Collected: 10/21/20 13:15

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.71 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 16:33	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			5.32 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 19:43	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.22 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 21:44	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,125

Lab Sample ID: 570-41744-23

Date Collected: 10/21/20 13:30

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.43 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 16:59	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			5.13 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 20:07	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.93 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 22:06	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,130

Lab Sample ID: 570-41744-24

Date Collected: 10/21/20 13:35

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.69 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 17:26	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.31 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 20:30	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.24 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 22:29	A1W	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,135

Lab Sample ID: 570-41744-25

Date Collected: 10/21/20 13:45

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.90 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 17:53	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.89 g	5 mL	103939	10/22/20 17:28	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 20:54	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.59 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 22:52	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,140

Lab Sample ID: 570-41744-26

Date Collected: 10/21/20 13:55

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.27 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 18:20	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			4.58 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 21:17	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.63 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 23:13	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,145

Lab Sample ID: 570-41744-27

Date Collected: 10/21/20 14:05

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.20 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 18:47	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			5.15 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 21:41	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.71 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 23:36	A1W	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Client Sample ID: MW-2,150

Lab Sample ID: 570-41744-28

Date Collected: 10/21/20 14:15

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.17 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 19:13	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			5.06 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 22:05	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.76 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/29/20 23:57	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-2,60

Lab Sample ID: 570-41744-29

Date Collected: 10/21/20 11:00

Matrix: Solid

Date Received: 10/21/20 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.16 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	104509	10/26/20 19:40	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	5035			5.34 g	5 mL	103939	10/22/20 17:32	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	104833	10/27/20 22:28	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.35 g	10 mL	105234	10/28/20 20:29	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			105642	10/30/20 00:20	A1W	ECL 1
	Instrument ID: GC46									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41744-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-41744-1	MW-2,10	Solid	10/21/20 09:20	10/21/20 18:20	
570-41744-2	MW-2,15	Solid	10/21/20 09:30	10/21/20 18:20	
570-41744-3	MW-2,20	Solid	10/21/20 09:40	10/21/20 18:20	
570-41744-4	MW-2,25	Solid	10/21/20 09:50	10/21/20 18:20	
570-41744-5	MW-2,30	Solid	10/21/20 10:00	10/21/20 18:20	
570-41744-6	MW-2,35	Solid	10/21/20 10:10	10/21/20 18:20	
570-41744-7	MW-2,40	Solid	10/21/20 10:20	10/21/20 18:20	
570-41744-8	MW-2,45	Solid	10/21/20 10:30	10/21/20 18:20	
570-41744-9	MW-2,50	Solid	10/21/20 10:40	10/21/20 18:20	
570-41744-10	MW-2,55	Solid	10/21/20 10:50	10/21/20 18:20	
570-41744-11	MW-2,65	Solid	10/21/20 11:10	10/21/20 18:20	
570-41744-12	MW-2,70	Solid	10/21/20 11:20	10/21/20 18:20	
570-41744-13	MW-2,75	Solid	10/21/20 11:30	10/21/20 18:20	
570-41744-14	MW-2,80	Solid	10/21/20 11:35	10/21/20 18:20	
570-41744-15	MW-2,85	Solid	10/21/20 11:40	10/21/20 18:20	
570-41744-16	MW-2,90	Solid	10/21/20 11:50	10/21/20 18:20	
570-41744-17	MW-2,95	Solid	10/21/20 11:55	10/21/20 18:20	
570-41744-18	MW-2,100	Solid	10/21/20 12:00	10/21/20 18:20	
570-41744-19	MW-2,105	Solid	10/21/20 12:50	10/21/20 18:20	
570-41744-20	MW-2,110	Solid	10/21/20 12:55	10/21/20 18:20	
570-41744-21	MW-2,115	Solid	10/21/20 13:10	10/21/20 18:20	
570-41744-22	MW-2,120	Solid	10/21/20 13:15	10/21/20 18:20	
570-41744-23	MW-2,125	Solid	10/21/20 13:30	10/21/20 18:20	
570-41744-24	MW-2,130	Solid	10/21/20 13:35	10/21/20 18:20	
570-41744-25	MW-2,135	Solid	10/21/20 13:45	10/21/20 18:20	
570-41744-26	MW-2,140	Solid	10/21/20 13:55	10/21/20 18:20	
570-41744-27	MW-2,145	Solid	10/21/20 14:05	10/21/20 18:20	
570-41744-28	MW-2,150	Solid	10/21/20 14:15	10/21/20 18:20	
570-41744-29	MW-2,60	Solid	10/21/20 11:00	10/21/20 18:20	

de Guia, Cecile

From: Zachary Spahn <zspahn@eticeng.com>
Sent: Thursday, November 5, 2020 12:30 PM
To: de Guia, Cecile; Gretchen Tagavilla; Ryan Haughy
Subject: RE: [EXTERNAL] 570-41744-1 ExxonMobil 18MRC - Incomplete COC
Attachments: COC 570-41744 (202010221527)_rev.pdf

EXTERNAL EMAIL*

Cecile,

Attached is the revised COC with Geotracker Field point name and sample dates filled in. Sample times are correct as listed in the COC.

Thank you,

Zachary Spahn, PG, QSD
Project Manager

ETIC
CONSULT ENGINEER CONSTRUCT
Pleasant Hill ■ Martinez ■ Fresno ■ Arcadia

ETIC | 250 W Colorado Blvd
Suite 110 | Arcadia, CA 91007
Phone 626.432.5999, 2512 | Mobile 626.460.9995
Fax 626.432.5998 | www.eticeng.com

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From: Cecile de Guia <noreply@eurofinslimsservices.com>
Sent: Wednesday, November 4, 2020 6:11 PM
To: Gretchen Tagavilla <gtagavilla@eticeng.com>; Ryan Haughy <rhaughy@eticeng.com>; Zachary Spahn <zspahn@eticeng.com>
Subject: [EXTERNAL] 570-41744-1 ExxonMobil 18MRC - Incomplete COC
Importance: High

Hello,

Attached please find the sample confirmation files for job 570-41744-1; ExxonMobil 18MRC

Please complete the sampling date/time for samples from 570-41744-12 through -20 on page of the COC and email back the updated COC. Sampling date and time were taken from the sample labels. You may find them in the attached sample confirmation login file. If you can send the revisd COC back to me ASAP for report that is due today.
Thank you.

Cecile de Guia
Project Manager

Eurofins Calscience LLC
Phone: 714-895-5494

E-mail: Cecile.deGuia@eurofinset.com
www.eurofinsus.com/env

Reference: [570-143606]
Attachments: 2

* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

570-41744 Chain of Custody

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Matrix: Grab	Matrix: Composite	Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
MW-2, 10	MW-2	10-21-20	0920	X		X			X	X	X	X	
MW-2, 15			0930										
MW-2, 20			0940										
MW-2, 25			0950										
MW-2, 30			1000										
MW-2, 35			1010										
MW-2, 40			1020										
MW-2, 45			1030										
MW-2, 50			1040										
MW-2, 55			1050										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	10-21-20	15:22		10/21/20	1522
	10/21/20	1820		10/21/2020	1820

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Date Time

Custody Seals Intact? Yes No

3.5/2.7 SCG.

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 2 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
MW-2, 65	MW-2	10-21-20	1140	X		X			X	X	X	X	
MW-2, 70			1120										
MW-2, 75			1130										
MW-2, 80			1135										
MW-2, 85			1140										
MW-2, 90			1150										
MW-2, 95			1155										
MW-2, 100			1200										
MW-2, 105			1250										
MW-2, 110			1255										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
	10-21-20	15:22	Rudy M / EC	10/21/20	1522
	10/21/20	1920	Marshall EEI	10/21/2020	1820

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt _____ °C

Received by: | Date | Time

Custody Seals Intact? Yes No

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 3 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
MW-2, 115	MW-2	10-21-20	1310	X		X			X	X	X	X	
MW-2, 120			1315										
MW-2, 125			1330										
MW-2, 130			1335										
MW-2, 135			1345										
MW-2, 140			1355										
MW-2, 145			1405										
MW-2, 150			1415										
MW-2, 60			1100										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
	10-21-20	15:22		10/21/20	1522
	10/21/20	1820	Mabel eci	10/21/2020	1820
	Date	Time		Date	Time

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: | Date | Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

570-41744 Chain of Custody

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Matrix: Grab	Matrix: Composite	Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
MW-2, 10	MW-2	10-21-20	0920	X		X			X	X	X	X	
MW-2, 15			0930										
MW-2, 20			0940										
MW-2, 25			0950										
MW-2, 30			1000										
MW-2, 35			1010										
MW-2, 40			1020										
MW-2, 45			1030										
MW-2, 50			1040										
MW-2, 55			1050										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	10-21-20	15:22		10/21/20	1522
	10/21/20	1820		10/21/2020	1820

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: | Date | Time

Custody Seals Intact? Yes No

3.5/2.7 SCG.

Page 111 of 114

11/5/2020

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
MW-2, 65	MW-2	10-21-20	1140	X		X			X	X	X	X	
MW-2, 70	MW-2 (ZS)	10-21-20 (ZS)	1120	X		X			X	X	X	X	
MW-2, 75	MW-2 (ZS)	10-21-20 (ZS)	1130	X		X			X	X	X	X	
MW-2, 80	MW-2 (ZS)	10-21-20 (ZS)	1135	X		X			X	X	X	X	
MW-2, 85	MW-2 (ZS)	10-21-20 (ZS)	1140	X		X			X	X	X	X	
MW-2, 90	MW-2 (ZS)	10-21-20 (ZS)	1150	X		X			X	X	X	X	
MW-2, 95	MW-2 (ZS)	10-21-20 (ZS)	1155	X		X			X	X	X	X	
MW-2, 100	MW-2 (ZS)	10-21-20 (ZS)	1200	X		X			X	X	X	X	
MW-2, 105	MW-2 (ZS)	10-21-20 (ZS)	1250	X		X			X	X	X	X	
MW-2, 110	MW-2 (ZS)	10-21-20 (ZS)	1255	X		X			X	X	X	X	

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

(Standard) 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10-21-20	15:22	Rudy M / EC	10/21/20	1522
[signature]	10/21/20	1920	Marshall Eei	10/21/2020	1820

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 Log Code: ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt _____ °C

Received by: Date: Time:

Custody Seals Intact? Yes No

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ExxonMobil Analysis Request/Chain of Custody

41744

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 3 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

Container Type:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX
MW-2, 115	MW-2	10-21-20	1310	X		X			X	X	X	X
MW-2, 120			1315									
MW-2, 125			1330									
MW-2, 130			1335									
MW-2, 135			1345									
MW-2, 140			1355									
MW-2, 145			1405									
MW-2, 150			1415									
MW-2, 60			1100									

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	10-21-20	15:22		10/21/20	1522
	10/21/20	1820	Mabel eci	10/21/2020	1820

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

Temperature upon receipt _____°C

Received by:

Custody Seals Intact? Yes No

Page 113 of 114

11/5/2020

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-41744-1

Login Number: 41744
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-41940-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Ryan Haughy

Authorized for release by:
11/6/2020 10:09:48 AM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
Z	The chromatographic response does not resemble a typical fuel pattern.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-41940-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-41940-1

Comments
No additional comments.

Receipt
The samples were received on 10/23/2020 6:55 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

Receipt Exceptions

Diesel sleeve not received: MW-1,145 (570-41940-28)

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-106031.

Method 8260B: The initial calibration curve analyzed in batch 570-106031 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method 8260B. Refer to the QC Sample Results section of this report.

Method 8260B: The initial calibration curve analyzed in batch 570-106119 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-106119.

Method 8260B: The initial calibration curve analyzed in batch 570-106555 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-106555.

Method 8260B: The following samples were diluted due to the nature of the sample matrix: MW-1,30 (570-41940-5), MW-1,50 (570-41940-9), MW-1,55 (570-41940-10) and MW-1,60 (570-41940-11). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-106615.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-106676.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-106993.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with

Job ID: 570-41940-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

analytical batch 570-107230.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 570-106822 and analytical batch 570-106908 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of TPH as Diesel (C10-C28) in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-106822 and analytical batch 570-106908 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,10 — Lab Sample ID: 570-41940-1

No Detections.

Client Sample ID: MW-1,15 — Lab Sample ID: 570-41940-2

No Detections.

Client Sample ID: MW-1,20 — Lab Sample ID: 570-41940-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00026	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,25 — Lab Sample ID: 570-41940-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.77		0.20	0.041	mg/Kg	250		8260B	Total/NA
Isopropylbenzene	0.90		0.20	0.12	mg/Kg	250		8260B	Total/NA
Naphthalene	1.9	J	2.0	1.0	mg/Kg	250		8260B	Total/NA
n-Butylbenzene	1.6		0.20	0.042	mg/Kg	250		8260B	Total/NA
N-Propylbenzene	2.0		0.40	0.12	mg/Kg	250		8260B	Total/NA
sec-Butylbenzene	1.0		0.20	0.12	mg/Kg	250		8260B	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.40	0.12	mg/Kg	250		8260B	Total/NA
TPH as Gasoline (C4-C12)	660		80	44	mg/Kg	1000		8015B	Total/NA
TPH as Diesel (C13-C22)	18	Z	4.8	3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,30 — Lab Sample ID: 570-41940-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	6.6		0.88	0.18	mg/Kg	1000		8260B	Total/NA
Isopropylbenzene	3.0		0.88	0.53	mg/Kg	1000		8260B	Total/NA
m,p-Xylene	1.0	J	1.8	0.42	mg/Kg	1000		8260B	Total/NA
n-Butylbenzene	2.3		0.88	0.18	mg/Kg	1000		8260B	Total/NA
N-Propylbenzene	5.1		1.8	0.53	mg/Kg	1000		8260B	Total/NA
p-Isopropyltoluene	0.96		0.88	0.61	mg/Kg	1000		8260B	Total/NA
sec-Butylbenzene	1.7		0.88	0.53	mg/Kg	1000		8260B	Total/NA
1,2,4-Trimethylbenzene	1.9		1.8	0.53	mg/Kg	1000		8260B	Total/NA
1,3,5-Trimethylbenzene	1.5	J	1.8	0.53	mg/Kg	1000		8260B	Total/NA
Xylenes, Total	1.0	J	2.6	0.62	mg/Kg	1000		8260B	Total/NA
TPH as Gasoline (C4-C12)	1600		88	49	mg/Kg	1000		8015B	Total/NA

Client Sample ID: MW-1,35 — Lab Sample ID: 570-41940-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.019	0.0095	mg/Kg	1		8260B	Total/NA
Benzene	0.0018		0.00097	0.00025	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00093	J	0.0097	0.00039	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.039		0.00097	0.00020	mg/Kg	1		8260B	Total/NA
Isopropylbenzene	0.022		0.00097	0.00058	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.14		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0034		0.0019	0.00046	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.011		0.00097	0.00020	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.025		0.0019	0.00058	mg/Kg	1		8260B	Total/NA
p-Isopropyltoluene	0.0024		0.00097	0.00068	mg/Kg	1		8260B	Total/NA
sec-Butylbenzene	0.020		0.00097	0.00058	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.23		0.019	0.0067	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0050		0.0019	0.00058	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1,35 (Continued) — Lab Sample ID: 570-41940-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.00062	J	0.0019	0.00058	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0034		0.0029	0.00068	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.77		0.097	0.054	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,40 — Lab Sample ID: 570-41940-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.47		0.043	0.0089	mg/Kg	50		8260B	Total/NA
Isopropylbenzene	0.26		0.043	0.026	mg/Kg	50		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.13		0.086	0.0081	mg/Kg	50		8260B	Total/NA
m,p-Xylene	0.032	J	0.086	0.020	mg/Kg	50		8260B	Total/NA
n-Butylbenzene	0.24		0.043	0.0091	mg/Kg	50		8260B	Total/NA
N-Propylbenzene	0.41		0.086	0.026	mg/Kg	50		8260B	Total/NA
p-Isopropyltoluene	0.031	J	0.043	0.030	mg/Kg	50		8260B	Total/NA
sec-Butylbenzene	0.20		0.043	0.026	mg/Kg	50		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.32	J	0.86	0.30	mg/Kg	50		8260B	Total/NA
1,2,4-Trimethylbenzene	0.047	J	0.086	0.026	mg/Kg	50		8260B	Total/NA
Xylenes, Total	0.032	J	0.13	0.030	mg/Kg	50		8260B	Total/NA
TPH as Gasoline (C4-C12)	230		4.3	2.4	mg/Kg	50		8015B	Total/NA

Client Sample ID: MW-1,45 — Lab Sample ID: 570-41940-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.013	J	0.045	0.012	mg/Kg	50		8260B	Total/NA
Ethylbenzene	0.23		0.045	0.0094	mg/Kg	50		8260B	Total/NA
Isopropylbenzene	0.16		0.045	0.027	mg/Kg	50		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.15		0.091	0.0085	mg/Kg	50		8260B	Total/NA
n-Butylbenzene	0.12		0.045	0.0096	mg/Kg	50		8260B	Total/NA
N-Propylbenzene	0.25		0.091	0.027	mg/Kg	50		8260B	Total/NA
sec-Butylbenzene	0.14		0.045	0.027	mg/Kg	50		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.50	J	0.91	0.32	mg/Kg	50		8260B	Total/NA
TPH as Gasoline (C4-C12)	170		4.5	2.5	mg/Kg	50		8015B	Total/NA

Client Sample ID: MW-1,50 — Lab Sample ID: 570-41940-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.14	J	0.24	0.062	mg/Kg	250		8260B	Total/NA
Ethylbenzene	1.6		0.24	0.050	mg/Kg	250		8260B	Total/NA
Isopropylbenzene	1.5		0.24	0.14	mg/Kg	250		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.065	J	0.48	0.045	mg/Kg	250		8260B	Total/NA
m,p-Xylene	1.6		0.48	0.11	mg/Kg	250		8260B	Total/NA
Naphthalene	2.5		2.4	1.3	mg/Kg	250		8260B	Total/NA
n-Butylbenzene	1.8		0.24	0.051	mg/Kg	250		8260B	Total/NA
N-Propylbenzene	2.4		0.48	0.14	mg/Kg	250		8260B	Total/NA
p-Isopropyltoluene	1.5		0.24	0.17	mg/Kg	250		8260B	Total/NA
sec-Butylbenzene	1.2		0.24	0.14	mg/Kg	250		8260B	Total/NA
1,2,4-Trimethylbenzene	6.9		0.48	0.14	mg/Kg	250		8260B	Total/NA
1,3,5-Trimethylbenzene	0.82		0.48	0.14	mg/Kg	250		8260B	Total/NA
Xylenes, Total	1.6		0.72	0.17	mg/Kg	250		8260B	Total/NA
TPH as Gasoline (C4-C12)	1300		24	13	mg/Kg	250		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,55 — Lab Sample ID: 570-41940-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.33		0.24	0.062	mg/Kg	250		8260B	Total/NA
Ethylbenzene	0.87		0.24	0.049	mg/Kg	250		8260B	Total/NA
Isopropylbenzene	0.76		0.24	0.14	mg/Kg	250		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.13	J	0.48	0.045	mg/Kg	250		8260B	Total/NA
m,p-Xylene	0.59		0.48	0.11	mg/Kg	250		8260B	Total/NA
n-Butylbenzene	0.84		0.24	0.050	mg/Kg	250		8260B	Total/NA
N-Propylbenzene	1.2		0.48	0.14	mg/Kg	250		8260B	Total/NA
p-Isopropyltoluene	0.59		0.24	0.17	mg/Kg	250		8260B	Total/NA
sec-Butylbenzene	0.58		0.24	0.14	mg/Kg	250		8260B	Total/NA
1,2,4-Trimethylbenzene	1.4		0.48	0.14	mg/Kg	250		8260B	Total/NA
1,3,5-Trimethylbenzene	0.25	J	0.48	0.14	mg/Kg	250		8260B	Total/NA
Xylenes, Total	0.59	J	0.72	0.17	mg/Kg	250		8260B	Total/NA
TPH as Gasoline (C4-C12)	670		24	13	mg/Kg	250		8015B	Total/NA
TPH as Diesel (C13-C22)	6.2	Z	4.9	3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,60 — Lab Sample ID: 570-41940-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.57		0.41	0.11	mg/Kg	500		8260B	Total/NA
Ethylbenzene	2.4		0.41	0.085	mg/Kg	500		8260B	Total/NA
Isopropylbenzene	1.5		0.41	0.25	mg/Kg	500		8260B	Total/NA
m,p-Xylene	5.9		0.83	0.20	mg/Kg	500		8260B	Total/NA
Naphthalene	2.4	J	4.1	2.1	mg/Kg	500		8260B	Total/NA
n-Butylbenzene	1.4		0.41	0.087	mg/Kg	500		8260B	Total/NA
N-Propylbenzene	2.5		0.83	0.25	mg/Kg	500		8260B	Total/NA
o-Xylene	3.9		0.41	0.25	mg/Kg	500		8260B	Total/NA
p-Isopropyltoluene	1.5		0.41	0.29	mg/Kg	500		8260B	Total/NA
sec-Butylbenzene	0.92		0.41	0.25	mg/Kg	500		8260B	Total/NA
Toluene	0.66		0.41	0.25	mg/Kg	500		8260B	Total/NA
1,2,4-Trimethylbenzene	14		0.83	0.25	mg/Kg	500		8260B	Total/NA
1,3,5-Trimethylbenzene	4.1		0.83	0.25	mg/Kg	500		8260B	Total/NA
Xylenes, Total	9.8		1.2	0.29	mg/Kg	500		8260B	Total/NA
TPH as Gasoline (C4-C12)	930		83	46	mg/Kg	1000		8015B	Total/NA
TPH as Diesel (C13-C22)	38	Z	4.8	3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,65 — Lab Sample ID: 570-41940-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.038		0.022	0.011	mg/Kg	1		8260B	Total/NA
Benzene	0.0028		0.0011	0.00028	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0067	J	0.022	0.0050	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.0029	J	0.011	0.00044	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0012		0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0050		0.0022	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0016	J	0.0022	0.00052	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00064	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00093	J	0.0022	0.00066	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00088	J	0.0011	0.00066	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.064		0.022	0.0077	mg/Kg	1		8260B	Total/NA
Toluene	0.0012		0.0011	0.00066	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0024		0.0022	0.00066	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0025	J	0.0033	0.00078	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,65 (Continued) — Lab Sample ID: 570-41940-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C12)	2.2		0.10	0.057	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,70 — Lab Sample ID: 570-41940-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.023	0.011	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00041	J	0.0023	0.00021	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.022	J	0.023	0.0079	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.068	J	0.11	0.062	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,75 — Lab Sample ID: 570-41940-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.023	0.011	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0018	J	0.0023	0.00022	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.013	J	0.023	0.0082	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.084	J	0.12	0.069	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,80 — Lab Sample ID: 570-41940-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00051	J	0.0012	0.00031	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0012	J	0.0024	0.00023	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00087	J	0.0024	0.00072	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.28		0.13	0.073	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,85 — Lab Sample ID: 570-41940-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.00059	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00033	J	0.0022	0.00021	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,90 — Lab Sample ID: 570-41940-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00043	J	0.0012	0.00031	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0018	J	0.0024	0.00023	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,95 — Lab Sample ID: 570-41940-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00031	J	0.0011	0.00028	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00047	J	0.0022	0.00020	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,100 — Lab Sample ID: 570-41940-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.022	0.011	mg/Kg	1		8260B	Total/NA
Benzene	0.00043	J	0.0011	0.00029	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00047	J	0.011	0.00044	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0059		0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Isopropylbenzene	0.0091		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00026	J	0.0022	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.014		0.0022	0.00053	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1,100 (Continued) — Lab Sample ID: 570-41940-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.073		0.011	0.0058	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.027		0.0011	0.00023	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.019		0.0022	0.00067	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0085		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
p-Isopropyltoluene	0.020		0.0011	0.00078	mg/Kg	1		8260B	Total/NA
sec-Butylbenzene	0.014		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.015	J	0.022	0.0077	mg/Kg	1		8260B	Total/NA
Toluene	0.0026		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.10		0.0022	0.00067	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.025		0.0022	0.00067	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.023		0.0033	0.00078	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.70		0.11	0.062	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,105 — Lab Sample ID: 570-41940-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	0.00045	J	0.0023	0.00021	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,110 — Lab Sample ID: 570-41940-21

No Detections.

Client Sample ID: MW-1,115 — Lab Sample ID: 570-41940-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00032	J	0.0011	0.00029	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00064	J	0.0022	0.00053	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00086	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0016	J	0.0022	0.00067	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	3.0		0.11	0.059	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,120 — Lab Sample ID: 570-41940-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	0.0030		0.0021	0.00019	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,125 — Lab Sample ID: 570-41940-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00044	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0016	J	0.0021	0.00019	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-1,130 — Lab Sample ID: 570-41940-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C12)	0.092	J	0.11	0.063	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,135 — Lab Sample ID: 570-41940-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012	J	0.019	0.0094	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00061	J	0.0019	0.00018	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00043	J	0.00095	0.00020	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00085	J	0.0019	0.00057	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.17		0.095	0.053	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,140 — Lab Sample ID: 570-41940-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C12)	0.078	J	0.10	0.056	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,145 — Lab Sample ID: 570-41940-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.020	0.0099	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00065	J	0.0020	0.00048	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00068	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0014	J	0.0020	0.00060	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	1.0		0.10	0.057	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-1,150 — Lab Sample ID: 570-41940-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.00041	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00092	J	0.0020	0.00047	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00042	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0017	J	0.0020	0.00060	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.00092	J	0.0030	0.00070	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.86		0.097	0.054	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,10
Date Collected: 10/23/20 09:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0096	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Benzene	ND		0.00098	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Bromobenzene	ND		0.00098	0.00020	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Bromochloromethane	ND		0.0020	0.00043	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Bromodichloromethane	ND		0.00098	0.00016	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Bromoform	ND		0.0049	0.0013	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Bromomethane	ND		0.020	0.0064	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
2-Butanone	ND		0.020	0.0044	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Carbon disulfide	ND		0.0098	0.00039	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Carbon tetrachloride	ND		0.00098	0.00029	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Chlorobenzene	ND		0.00098	0.00026	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Chloroform	ND		0.00098	0.00058	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
2-Chlorotoluene	ND		0.00098	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
4-Chlorotoluene	ND		0.00098	0.00024	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
c-1,2-Dichloroethene	ND		0.00098	0.00033	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
c-1,3-Dichloropropene	ND		0.00098	0.00034	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2-Dibromo-3-Chloropropane	ND		0.0098	0.0066	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2-Dibromoethane	ND		0.00098	0.00020	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Dibromomethane	ND		0.00098	0.00030	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2-Dichlorobenzene	ND		0.00098	0.00024	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,3-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,4-Dichlorobenzene	ND		0.00098	0.00030	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Dichlorodifluoromethane	ND		0.0020	0.00044	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1-Dichloroethane	ND		0.00098	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2-Dichloroethane	ND		0.00098	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1-Dichloroethene	ND		0.00098	0.00026	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2-Dichloropropane	ND		0.00098	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,3-Dichloropropane	ND		0.00098	0.00029	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
2,2-Dichloropropane	ND		0.0049	0.00026	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Di-isopropyl ether (DIPE)	ND		0.00098	0.00049	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Ethanol	ND		0.24	0.064	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Ethylbenzene	ND		0.00098	0.00020	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.00098	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
2-Hexanone	ND		0.020	0.0030	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Isopropylbenzene	ND		0.00098	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Methylene Chloride	ND		0.0098	0.0031	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
4-Methyl-2-pentanone	ND		0.020	0.0028	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00018	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
m,p-Xylene	ND		0.0020	0.00046	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Naphthalene	ND		0.0098	0.0051	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
n-Butylbenzene	ND		0.00098	0.00021	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
N-Propylbenzene	ND		0.0020	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
o-Xylene	ND		0.00098	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
p-Isopropyltoluene	ND		0.00098	0.00068	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
sec-Butylbenzene	ND		0.00098	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,10
Date Collected: 10/23/20 09:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00098	0.00068	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Tert-amyl-methyl ether (TAME)	ND		0.00098	0.00019	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0068	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
tert-Butylbenzene	ND		0.00098	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1,1,2-Tetrachloroethane	ND		0.00098	0.00028	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00053	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Tetrachloroethene	ND		0.00098	0.00022	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Toluene	ND		0.00098	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
t-1,2-Dichloroethene	ND		0.00098	0.00029	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
t-1,3-Dichloropropene	ND		0.0020	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00098	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00040	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1,1-Trichloroethane	ND		0.00098	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1,2-Trichloroethane	ND		0.00098	0.00045	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Trichlorofluoromethane	ND		0.0098	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0098	0.00045	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00059	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Vinyl acetate	ND		0.0098	0.0038	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Vinyl chloride	ND		0.00098	0.00037	mg/Kg		10/24/20 15:04	10/30/20 23:21	1
Xylenes, Total	ND		0.0029	0.00069	mg/Kg		10/24/20 15:04	10/30/20 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*10/24/20 15:04*	*10/30/20 23:21*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/30/20 23:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*10/24/20 15:04*	*10/30/20 23:21*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/30/20 23:21*	*1*

Client Sample ID: MW-1,15
Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.018	0.0089	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Benzene	ND		0.00091	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Bromobenzene	ND		0.00091	0.00019	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Bromochloromethane	ND		0.0018	0.00040	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Bromodichloromethane	ND		0.00091	0.00014	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Bromoform	ND		0.0045	0.0012	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Bromomethane	ND		0.018	0.0060	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
2-Butanone	ND		0.018	0.0041	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Carbon disulfide	ND		0.0091	0.00036	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Carbon tetrachloride	ND		0.00091	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Chlorobenzene	ND		0.00091	0.00024	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Chloroethane	ND		0.0018	0.0014	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Chloroform	ND		0.00091	0.00054	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
2-Chlorotoluene	ND		0.00091	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
4-Chlorotoluene	ND		0.00091	0.00022	mg/Kg		10/24/20 15:04	10/30/20 23:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,15
Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00091	0.00031	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
c-1,3-Dichloropropene	ND		0.00091	0.00032	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2-Dibromo-3-Chloropropane	ND		0.0091	0.0062	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2-Dibromoethane	ND		0.00091	0.00019	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Dibromomethane	ND		0.00091	0.00028	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2-Dichlorobenzene	ND		0.00091	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,3-Dichlorobenzene	ND		0.00091	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,4-Dichlorobenzene	ND		0.00091	0.00028	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Dichlorodifluoromethane	ND		0.0018	0.00041	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1-Dichloroethane	ND		0.00091	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2-Dichloroethane	ND		0.00091	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1-Dichloroethene	ND		0.00091	0.00024	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2-Dichloropropane	ND		0.00091	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,3-Dichloropropane	ND		0.00091	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
2,2-Dichloropropane	ND		0.0045	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1-Dichloropropene	ND		0.0018	0.00035	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Di-isopropyl ether (DIPE)	ND		0.00091	0.00045	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Ethanol	ND		0.23	0.060	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Ethylbenzene	ND		0.00091	0.00019	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.00091	0.00021	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
2-Hexanone	ND		0.018	0.0028	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Isopropylbenzene	ND		0.00091	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Methylene Chloride	ND		0.0091	0.0028	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
m,p-Xylene	ND		0.0018	0.00043	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Naphthalene	ND		0.0091	0.0047	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
n-Butylbenzene	ND		0.00091	0.00019	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
N-Propylbenzene	ND		0.0018	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
o-Xylene	ND		0.00091	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
p-Isopropyltoluene	ND		0.00091	0.00064	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
sec-Butylbenzene	ND		0.00091	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Styrene	ND		0.00091	0.00064	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Tert-amyl-methyl ether (TAME)	ND		0.00091	0.00018	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0064	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
tert-Butylbenzene	ND		0.00091	0.00023	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1,1,2-Tetrachloroethane	ND		0.00091	0.00026	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00049	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Tetrachloroethene	ND		0.00091	0.00020	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Toluene	ND		0.00091	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
t-1,2-Dichloroethene	ND		0.00091	0.00027	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00091	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00037	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1,1-Trichloroethane	ND		0.00091	0.00021	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1,2-Trichloroethane	ND		0.00091	0.00042	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Trichloroethene	ND		0.0018	0.00035	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Trichlorofluoromethane	ND		0.0091	0.00025	mg/Kg		10/24/20 15:04	10/30/20 23:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,15
Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0018	0.00038	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0091	0.00042	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00055	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Vinyl acetate	ND		0.0091	0.0036	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Vinyl chloride	ND		0.00091	0.00034	mg/Kg		10/24/20 15:04	10/30/20 23:50	1
Xylenes, Total	ND		0.0027	0.00064	mg/Kg		10/24/20 15:04	10/30/20 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*10/24/20 15:04*	*10/30/20 23:50*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/30/20 23:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/24/20 15:04*	*10/30/20 23:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/30/20 23:50*	*1*

Client Sample ID: MW-1,20
Date Collected: 10/23/20 09:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Benzene	**0.00026**	**J**	0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Bromomethane	ND		0.020	0.0066	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
2-Butanone	ND		0.020	0.0045	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,20
Date Collected: 10/23/20 09:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Ethanol	ND		0.25	0.066	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
o-Xylene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Styrene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Toluene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/24/20 15:04	10/31/20 00:18	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg		10/24/20 15:04	10/31/20 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*10/24/20 15:04*	*10/31/20 00:18*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/24/20 15:04*	*10/31/20 00:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*71 - 155*	*10/24/20 15:04*	*10/31/20 00:18*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 00:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,25
Date Collected: 10/23/20 09:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.0	2.0	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Benzene	ND		0.20	0.051	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Bromobenzene	ND		0.20	0.041	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Bromochloromethane	ND		0.40	0.089	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Bromodichloromethane	ND		0.20	0.032	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Bromoform	ND		1.0	0.26	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Bromomethane	ND		4.0	1.3	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
2-Butanone	ND		4.0	0.90	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Carbon disulfide	ND		2.0	0.080	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Carbon tetrachloride	ND		0.20	0.060	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Chlorobenzene	ND		0.20	0.053	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Chloroethane	ND		0.40	0.30	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Chloroform	ND		0.20	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Chloromethane	ND		4.0	0.31	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
2-Chlorotoluene	ND		0.20	0.050	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
4-Chlorotoluene	ND		0.20	0.048	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
c-1,2-Dichloroethene	ND		0.20	0.067	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
c-1,3-Dichloropropene	ND		0.20	0.069	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Dibromochloromethane	ND		0.40	0.054	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2-Dibromo-3-Chloropropane	ND		2.0	1.3	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2-Dibromoethane	ND		0.20	0.041	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Dibromomethane	ND		0.20	0.061	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2-Dichlorobenzene	ND		0.20	0.050	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,3-Dichlorobenzene	ND		0.20	0.050	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,4-Dichlorobenzene	ND		0.20	0.061	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Dichlorodifluoromethane	ND		0.40	0.090	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1-Dichloroethane	ND		0.20	0.056	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2-Dichloroethane	ND		0.20	0.055	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1-Dichloroethene	ND		0.20	0.053	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2-Dichloropropane	ND		0.20	0.055	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,3-Dichloropropane	ND		0.20	0.059	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
2,2-Dichloropropane	ND		1.0	0.054	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1-Dichloropropene	ND		0.40	0.077	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Di-isopropyl ether (DIPE)	ND		0.20	0.10	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Ethanol	ND		50	13	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Ethylbenzene	**0.77**		0.20	0.041	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Ethyl-t-butyl ether (ETBE)	ND		0.20	0.047	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
2-Hexanone	ND		4.0	0.61	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Isopropylbenzene	**0.90**		0.20	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Methylene Chloride	ND		2.0	0.62	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
4-Methyl-2-pentanone	ND		4.0	0.58	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Methyl-t-Butyl Ether (MTBE)	ND		0.40	0.037	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
m,p-Xylene	ND		0.40	0.094	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Naphthalene	**1.9**	**J**	2.0	1.0	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
n-Butylbenzene	**1.6**		0.20	0.042	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
N-Propylbenzene	**2.0**		0.40	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
o-Xylene	ND		0.20	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
p-Isopropyltoluene	ND		0.20	0.14	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
sec-Butylbenzene	**1.0**		0.20	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,25
Date Collected: 10/23/20 09:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.20	0.14	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Tert-amyl-methyl ether (TAME)	ND		0.20	0.039	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
tert-Butyl alcohol (TBA)	ND		4.0	1.4	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
tert-Butylbenzene	ND		0.20	0.051	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1,1,2-Tetrachloroethane	ND		0.20	0.058	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1,2,2-Tetrachloroethane	ND		0.40	0.11	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Tetrachloroethene	ND		0.20	0.044	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Toluene	ND		0.20	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
t-1,2-Dichloroethene	ND		0.20	0.060	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
t-1,3-Dichloropropene	ND		0.40	0.056	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2,3-Trichlorobenzene	ND		0.40	0.20	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2,4-Trichlorobenzene	ND		0.40	0.082	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1,1-Trichloroethane	ND		0.20	0.046	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1,2-Trichloroethane	ND		0.20	0.092	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Trichloroethene	ND		0.40	0.077	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Trichlorofluoromethane	ND		2.0	0.054	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2,3-Trichloropropane	ND		0.40	0.083	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.092	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,2,4-Trimethylbenzene	**0.16**	**J**	0.40	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
1,3,5-Trimethylbenzene	ND		0.40	0.12	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Vinyl acetate	ND		2.0	0.78	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Vinyl chloride	ND		0.20	0.075	mg/Kg		10/24/20 15:13	10/31/20 23:17	250
Xylenes, Total	ND		0.60	0.14	mg/Kg		10/24/20 15:13	10/31/20 23:17	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*10/24/20 15:13*	*10/31/20 23:17*	*250*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*10/24/20 15:13*	*10/31/20 23:17*	*250*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 155*	*10/24/20 15:13*	*10/31/20 23:17*	*250*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/24/20 15:13*	*10/31/20 23:17*	*250*

Client Sample ID: MW-1,30
Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	8.6	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Benzene	ND		0.88	0.23	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Bromobenzene	ND		0.88	0.18	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Bromochloromethane	ND		1.8	0.39	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Bromodichloromethane	ND		0.88	0.14	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Bromoform	ND		4.4	1.2	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Bromomethane	ND		18	5.8	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
2-Butanone	ND		18	4.0	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Carbon disulfide	ND		8.8	0.35	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Carbon tetrachloride	ND		0.88	0.26	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Chlorobenzene	ND		0.88	0.23	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Chloroethane	ND		1.8	1.3	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Chloroform	ND		0.88	0.52	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Chloromethane	ND		18	1.3	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
2-Chlorotoluene	ND		0.88	0.22	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
4-Chlorotoluene	ND		0.88	0.21	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,30
Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.88	0.30	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
c-1,3-Dichloropropene	ND		0.88	0.31	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Dibromochloromethane	ND		1.8	0.24	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2-Dibromo-3-Chloropropane	ND		8.8	5.9	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2-Dibromoethane	ND		0.88	0.18	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Dibromomethane	ND		0.88	0.27	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2-Dichlorobenzene	ND		0.88	0.22	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,3-Dichlorobenzene	ND		0.88	0.22	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,4-Dichlorobenzene	ND		0.88	0.27	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Dichlorodifluoromethane	ND		1.8	0.40	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1-Dichloroethane	ND		0.88	0.25	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2-Dichloroethane	ND		0.88	0.24	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1-Dichloroethene	ND		0.88	0.23	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2-Dichloropropane	ND		0.88	0.24	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,3-Dichloropropane	ND		0.88	0.26	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
2,2-Dichloropropane	ND		4.4	0.24	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1-Dichloropropene	ND		1.8	0.34	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Di-isopropyl ether (DIPE)	ND		0.88	0.44	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Ethanol	ND		220	58	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Ethylbenzene	**6.6**		0.88	0.18	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Ethyl-t-butyl ether (ETBE)	ND		0.88	0.21	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
2-Hexanone	ND		18	2.7	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Isopropylbenzene	**3.0**		0.88	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Methylene Chloride	ND		8.8	2.7	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
4-Methyl-2-pentanone	ND		18	2.6	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Methyl-t-Butyl Ether (MTBE)	ND		1.8	0.16	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
m,p-Xylene	**1.0**	**J**	1.8	0.42	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Naphthalene	ND		8.8	4.6	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
n-Butylbenzene	**2.3**		0.88	0.18	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
N-Propylbenzene	**5.1**		1.8	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
o-Xylene	ND		0.88	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
p-Isopropyltoluene	**0.96**		0.88	0.61	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
sec-Butylbenzene	**1.7**		0.88	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Styrene	ND		0.88	0.61	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Tert-amyl-methyl ether (TAME)	ND		0.88	0.17	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
tert-Butyl alcohol (TBA)	ND		18	6.1	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
tert-Butylbenzene	ND		0.88	0.22	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1,1,2-Tetrachloroethane	ND		0.88	0.26	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1,2,2-Tetrachloroethane	ND		1.8	0.48	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Tetrachloroethene	ND		0.88	0.20	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Toluene	ND		0.88	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
t-1,2-Dichloroethene	ND		0.88	0.26	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
t-1,3-Dichloropropene	ND		1.8	0.25	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2,3-Trichlorobenzene	ND		1.8	0.88	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2,4-Trichlorobenzene	ND		1.8	0.36	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1,1-Trichloroethane	ND		0.88	0.20	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1,2-Trichloroethane	ND		0.88	0.41	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Trichloroethene	ND		1.8	0.34	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Trichlorofluoromethane	ND		8.8	0.24	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,30
Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1.8	0.37	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	0.41	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,2,4-Trimethylbenzene	**1.9**		1.8	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
1,3,5-Trimethylbenzene	**1.5**	**J**	1.8	0.53	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Vinyl acetate	ND		8.8	3.4	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Vinyl chloride	ND		0.88	0.33	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000
Xylenes, Total	**1.0**	**J**	2.6	0.62	mg/Kg		10/24/20 15:13	11/03/20 20:21	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/24/20 15:13*	*11/03/20 20:21*	*1000*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*10/24/20 15:13*	*11/03/20 20:21*	*1000*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 155*	*10/24/20 15:13*	*11/03/20 20:21*	*1000*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:13*	*11/03/20 20:21*	*1000*

Client Sample ID: MW-1,35
Date Collected: 10/23/20 10:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.14**		0.019	0.0095	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Benzene	**0.0018**		0.00097	0.00025	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Bromodichloromethane	ND		0.00097	0.00015	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Bromomethane	ND		0.019	0.0063	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
2-Butanone	ND		0.019	0.0044	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Carbon disulfide	**0.00093**	**J**	0.0097	0.00039	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Chloroform	ND		0.00097	0.00057	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
2-Chlorotoluene	ND		0.00097	0.00024	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
c-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
c-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0065	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Dibromomethane	ND		0.00097	0.00029	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,3-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,3-Dichloropropane	ND		0.00097	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,35
Date Collected: 10/23/20 10:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00048	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Ethanol	ND		0.24	0.064	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Ethylbenzene	**0.039**		0.00097	0.00020	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Isopropylbenzene	**0.022**		0.00097	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Methyl-t-Butyl Ether (MTBE)	**0.14**		0.0019	0.00018	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
m,p-Xylene	**0.0034**		0.0019	0.00046	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Naphthalene	ND		0.0097	0.0050	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
n-Butylbenzene	**0.011**		0.00097	0.00020	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
N-Propylbenzene	**0.025**		0.0019	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
o-Xylene	ND		0.00097	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
p-Isopropyltoluene	**0.0024**		0.00097	0.00068	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
sec-Butylbenzene	**0.020**		0.00097	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Styrene	ND		0.00097	0.00068	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
tert-Butyl alcohol (TBA)	**0.23**		0.019	0.0067	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Toluene	ND		0.00097	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
t-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Trichlorofluoromethane	ND		0.0097	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,2,4-Trimethylbenzene	**0.0050**		0.0019	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
1,3,5-Trimethylbenzene	**0.00062**	**J**	0.0019	0.00058	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Vinyl chloride	ND		0.00097	0.00037	mg/Kg		10/24/20 15:04	10/31/20 20:26	1
Xylenes, Total	**0.0034**		0.0029	0.00068	mg/Kg		10/24/20 15:04	10/31/20 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*80 - 120*	*10/24/20 15:04*	*10/31/20 20:26*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/24/20 15:04*	*10/31/20 20:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 155*	*10/24/20 15:04*	*10/31/20 20:26*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*10/24/20 15:04*	*10/31/20 20:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,40
Date Collected: 10/23/20 10:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.86	0.42	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Benzene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Bromobenzene	ND		0.043	0.0090	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Bromochloromethane	ND		0.086	0.019	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Bromodichloromethane	ND		0.043	0.0069	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Bromoform	ND		0.22	0.057	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Bromomethane	ND		0.86	0.28	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
2-Butanone	ND		0.86	0.19	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Carbon disulfide	ND		0.43	0.017	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Carbon tetrachloride	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Chlorobenzene	ND		0.043	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Chloroethane	ND		0.086	0.065	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Chloroform	ND		0.043	0.025	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Chloromethane	ND		0.86	0.066	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
2-Chlorotoluene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
4-Chlorotoluene	ND		0.043	0.010	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
c-1,2-Dichloroethene	ND		0.043	0.015	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
c-1,3-Dichloropropene	ND		0.043	0.015	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Dibromochloromethane	ND		0.086	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2-Dibromo-3-Chloropropane	ND		0.43	0.29	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2-Dibromoethane	ND		0.043	0.0089	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Dibromomethane	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2-Dichlorobenzene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,3-Dichlorobenzene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,4-Dichlorobenzene	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Dichlorodifluoromethane	ND		0.086	0.020	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1-Dichloroethane	ND		0.043	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2-Dichloroethane	ND		0.043	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1-Dichloroethene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2-Dichloropropane	ND		0.043	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,3-Dichloropropane	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
2,2-Dichloropropane	ND		0.22	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1-Dichloropropene	ND		0.086	0.017	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Di-isopropyl ether (DIPE)	ND		0.043	0.022	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Ethanol	ND		11	2.8	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Ethylbenzene	**0.47**		0.043	0.0089	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Ethyl-t-butyl ether (ETBE)	ND		0.043	0.010	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
2-Hexanone	ND		0.86	0.13	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Isopropylbenzene	**0.26**		0.043	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Methylene Chloride	ND		0.43	0.13	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
4-Methyl-2-pentanone	ND		0.86	0.13	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Methyl-t-Butyl Ether (MTBE)	**0.13**		0.086	0.0081	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
m,p-Xylene	**0.032**	**J**	0.086	0.020	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Naphthalene	ND		0.43	0.22	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
n-Butylbenzene	**0.24**		0.043	0.0091	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
N-Propylbenzene	**0.41**		0.086	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
o-Xylene	ND		0.043	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
p-Isopropyltoluene	**0.031**	**J**	0.043	0.030	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
sec-Butylbenzene	**0.20**		0.043	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,40
Date Collected: 10/23/20 10:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.043	0.030	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Tert-amyl-methyl ether (TAME)	ND		0.043	0.0084	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
tert-Butyl alcohol (TBA)	**0.32**	**J**	0.86	0.30	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
tert-Butylbenzene	ND		0.043	0.011	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1,1,2-Tetrachloroethane	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1,2,2-Tetrachloroethane	ND		0.086	0.023	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Tetrachloroethene	ND		0.043	0.0096	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Toluene	ND		0.043	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
t-1,2-Dichloroethene	ND		0.043	0.013	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
t-1,3-Dichloropropene	ND		0.086	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2,3-Trichlorobenzene	ND		0.086	0.043	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2,4-Trichlorobenzene	ND		0.086	0.018	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1,1-Trichloroethane	ND		0.043	0.010	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1,2-Trichloroethane	ND		0.043	0.020	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Trichloroethene	ND		0.086	0.017	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Trichlorofluoromethane	ND		0.43	0.012	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2,3-Trichloropropane	ND		0.086	0.018	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.43	0.020	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,2,4-Trimethylbenzene	**0.047**	**J**	0.086	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
1,3,5-Trimethylbenzene	ND		0.086	0.026	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Vinyl acetate	ND		0.43	0.17	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Vinyl chloride	ND		0.043	0.016	mg/Kg		10/24/20 15:13	11/03/20 17:59	50
Xylenes, Total	**0.032**	**J**	0.13	0.030	mg/Kg		10/24/20 15:13	11/03/20 17:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/24/20 15:13*	*11/03/20 17:59*	*50*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*10/24/20 15:13*	*11/03/20 17:59*	*50*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 155*	*10/24/20 15:13*	*11/03/20 17:59*	*50*
Toluene-d8 (Surr)	*106*		*80 - 120*	*10/24/20 15:13*	*11/03/20 17:59*	*50*

Client Sample ID: MW-1,45
Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.91	0.45	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Benzene	**0.013**	**J**	0.045	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Bromobenzene	ND		0.045	0.0095	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Bromochloromethane	ND		0.091	0.020	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Bromodichloromethane	ND		0.045	0.0072	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Bromoform	ND		0.23	0.060	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Bromomethane	ND		0.91	0.30	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
2-Butanone	ND		0.91	0.21	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Carbon disulfide	ND		0.45	0.018	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Carbon tetrachloride	ND		0.045	0.014	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Chlorobenzene	ND		0.045	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Chloroethane	ND		0.091	0.068	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Chloroform	ND		0.045	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Chloromethane	ND		0.91	0.070	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
2-Chlorotoluene	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
4-Chlorotoluene	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,45
Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.045	0.015	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
c-1,3-Dichloropropene	ND		0.045	0.016	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Dibromochloromethane	ND		0.091	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2-Dibromo-3-Chloropropane	ND		0.45	0.31	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2-Dibromoethane	ND		0.045	0.0094	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Dibromomethane	ND		0.045	0.014	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2-Dichlorobenzene	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,3-Dichlorobenzene	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,4-Dichlorobenzene	ND		0.045	0.014	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Dichlorodifluoromethane	ND		0.091	0.021	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1-Dichloroethane	ND		0.045	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2-Dichloroethane	ND		0.045	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1-Dichloroethene	ND		0.045	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2-Dichloropropane	ND		0.045	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,3-Dichloropropane	ND		0.045	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
2,2-Dichloropropane	ND		0.23	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1-Dichloropropene	ND		0.091	0.018	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Di-isopropyl ether (DIPE)	ND		0.045	0.023	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Ethanol	ND		11	3.0	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Ethylbenzene	**0.23**		0.045	0.0094	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Ethyl-t-butyl ether (ETBE)	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
2-Hexanone	ND		0.91	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Isopropylbenzene	**0.16**		0.045	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Methylene Chloride	ND		0.45	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
4-Methyl-2-pentanone	ND		0.91	0.13	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Methyl-t-Butyl Ether (MTBE)	**0.15**		0.091	0.0085	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
m,p-Xylene	ND		0.091	0.022	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Naphthalene	ND		0.45	0.24	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
n-Butylbenzene	**0.12**		0.045	0.0096	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
N-Propylbenzene	**0.25**		0.091	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
o-Xylene	ND		0.045	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
p-Isopropyltoluene	ND		0.045	0.032	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
sec-Butylbenzene	**0.14**		0.045	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Styrene	ND		0.045	0.032	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Tert-amyl-methyl ether (TAME)	ND		0.045	0.0088	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
tert-Butyl alcohol (TBA)	**0.50**	**J**	0.91	0.32	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
tert-Butylbenzene	ND		0.045	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1,1,2-Tetrachloroethane	ND		0.045	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1,2,2-Tetrachloroethane	ND		0.091	0.025	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Tetrachloroethene	ND		0.045	0.010	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Toluene	ND		0.045	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
t-1,2-Dichloroethene	ND		0.045	0.014	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
t-1,3-Dichloropropene	ND		0.091	0.013	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2,3-Trichlorobenzene	ND		0.091	0.045	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2,4-Trichlorobenzene	ND		0.091	0.019	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1,1-Trichloroethane	ND		0.045	0.011	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1,2-Trichloroethane	ND		0.045	0.021	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Trichloroethene	ND		0.091	0.018	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Trichlorofluoromethane	ND		0.45	0.012	mg/Kg		10/24/20 15:13	11/03/20 18:27	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,45
Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.091	0.019	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.45	0.021	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,2,4-Trimethylbenzene	ND		0.091	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
1,3,5-Trimethylbenzene	ND		0.091	0.027	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Vinyl acetate	ND		0.45	0.18	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Vinyl chloride	ND		0.045	0.017	mg/Kg		10/24/20 15:13	11/03/20 18:27	50
Xylenes, Total	ND		0.14	0.032	mg/Kg		10/24/20 15:13	11/03/20 18:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*10/24/20 15:13*	*11/03/20 18:27*	*50*
Dibromofluoromethane (Surr)	*97*		*79 - 133*	*10/24/20 15:13*	*11/03/20 18:27*	*50*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*	*10/24/20 15:13*	*11/03/20 18:27*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/24/20 15:13*	*11/03/20 18:27*	*50*

Client Sample ID: MW-1,50
Date Collected: 10/23/20 10:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.8	2.4	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Benzene	**0.14**	**J**	0.24	0.062	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Bromobenzene	ND		0.24	0.050	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Bromochloromethane	ND		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Bromodichloromethane	ND		0.24	0.038	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Bromoform	ND		1.2	0.32	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Bromomethane	ND		4.8	1.6	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
2-Butanone	ND		4.8	1.1	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Carbon disulfide	ND		2.4	0.096	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Carbon tetrachloride	ND		0.24	0.072	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Chlorobenzene	ND		0.24	0.064	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Chloroethane	ND		0.48	0.36	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Chloroform	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Chloromethane	ND		4.8	0.37	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
2-Chlorotoluene	ND		0.24	0.061	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
4-Chlorotoluene	ND		0.24	0.058	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
c-1,2-Dichloroethene	ND		0.24	0.081	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
c-1,3-Dichloropropene	ND		0.24	0.084	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Dibromochloromethane	ND		0.48	0.066	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2-Dibromo-3-Chloropropane	ND		2.4	1.6	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2-Dibromoethane	ND		0.24	0.050	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Dibromomethane	ND		0.24	0.074	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2-Dichlorobenzene	ND		0.24	0.060	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,3-Dichlorobenzene	ND		0.24	0.061	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,4-Dichlorobenzene	ND		0.24	0.074	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Dichlorodifluoromethane	ND		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1-Dichloroethane	ND		0.24	0.067	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2-Dichloroethane	ND		0.24	0.066	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1-Dichloroethene	ND		0.24	0.064	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2-Dichloropropane	ND		0.24	0.066	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,3-Dichloropropane	ND		0.24	0.071	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
2,2-Dichloropropane	ND		1.2	0.065	mg/Kg		10/24/20 15:13	11/03/20 18:56	250

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,50
Date Collected: 10/23/20 10:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.48	0.093	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Di-isopropyl ether (DIPE)	ND		0.24	0.12	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Ethanol	ND		60	16	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Ethylbenzene	**1.6**		0.24	0.050	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Ethyl-t-butyl ether (ETBE)	ND		0.24	0.057	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
2-Hexanone	ND		4.8	0.74	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Isopropylbenzene	**1.5**		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Methylene Chloride	ND		2.4	0.75	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
4-Methyl-2-pentanone	ND		4.8	0.70	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Methyl-t-Butyl Ether (MTBE)	**0.065**	**J**	0.48	0.045	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
m,p-Xylene	**1.6**		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Naphthalene	**2.5**		2.4	1.3	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
n-Butylbenzene	**1.8**		0.24	0.051	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
N-Propylbenzene	**2.4**		0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
o-Xylene	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
p-Isopropyltoluene	**1.5**		0.24	0.17	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
sec-Butylbenzene	**1.2**		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Styrene	ND		0.24	0.17	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Tert-amyl-methyl ether (TAME)	ND		0.24	0.047	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
tert-Butyl alcohol (TBA)	ND		4.8	1.7	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
tert-Butylbenzene	ND		0.24	0.061	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1,1,2-Tetrachloroethane	ND		0.24	0.070	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1,2,2-Tetrachloroethane	ND		0.48	0.13	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Tetrachloroethene	ND		0.24	0.054	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Toluene	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
t-1,2-Dichloroethene	ND		0.24	0.072	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
t-1,3-Dichloropropene	ND		0.48	0.067	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2,3-Trichlorobenzene	ND		0.48	0.24	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2,4-Trichlorobenzene	ND		0.48	0.099	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1,1-Trichloroethane	ND		0.24	0.056	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1,2-Trichloroethane	ND		0.24	0.11	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Trichloroethene	ND		0.48	0.093	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Trichlorofluoromethane	ND		2.4	0.066	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2,3-Trichloropropane	ND		0.48	0.10	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.4	0.11	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,2,4-Trimethylbenzene	**6.9**		0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
1,3,5-Trimethylbenzene	**0.82**		0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Vinyl acetate	ND		2.4	0.94	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Vinyl chloride	ND		0.24	0.091	mg/Kg		10/24/20 15:13	11/03/20 18:56	250
Xylenes, Total	**1.6**		0.72	0.17	mg/Kg		10/24/20 15:13	11/03/20 18:56	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*10/24/20 15:13*	*11/03/20 18:56*	*250*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*10/24/20 15:13*	*11/03/20 18:56*	*250*
1,2-Dichloroethane-d4 (Surr)	*93*		*71 - 155*	*10/24/20 15:13*	*11/03/20 18:56*	*250*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/24/20 15:13*	*11/03/20 18:56*	*250*

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,55
Date Collected: 10/23/20 10:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.8	2.4	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Benzene	**0.33**		0.24	0.062	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Bromobenzene	ND		0.24	0.050	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Bromochloromethane	ND		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Bromodichloromethane	ND		0.24	0.038	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Bromoform	ND		1.2	0.32	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Bromomethane	ND		4.8	1.6	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
2-Butanone	ND		4.8	1.1	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Carbon disulfide	ND		2.4	0.096	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Carbon tetrachloride	ND		0.24	0.072	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Chlorobenzene	ND		0.24	0.064	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Chloroethane	ND		0.48	0.36	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Chloroform	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Chloromethane	ND		4.8	0.37	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
2-Chlorotoluene	ND		0.24	0.060	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
4-Chlorotoluene	ND		0.24	0.058	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
c-1,2-Dichloroethene	ND		0.24	0.081	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
c-1,3-Dichloropropene	ND		0.24	0.084	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Dibromochloromethane	ND		0.48	0.065	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2-Dibromo-3-Chloropropane	ND		2.4	1.6	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2-Dibromoethane	ND		0.24	0.049	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Dibromomethane	ND		0.24	0.073	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2-Dichlorobenzene	ND		0.24	0.060	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,3-Dichlorobenzene	ND		0.24	0.060	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,4-Dichlorobenzene	ND		0.24	0.073	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Dichlorodifluoromethane	ND		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1-Dichloroethane	ND		0.24	0.067	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2-Dichloroethane	ND		0.24	0.066	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1-Dichloroethene	ND		0.24	0.064	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2-Dichloropropane	ND		0.24	0.066	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,3-Dichloropropane	ND		0.24	0.071	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
2,2-Dichloropropane	ND		1.2	0.065	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1-Dichloropropene	ND		0.48	0.093	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Di-isopropyl ether (DIPE)	ND		0.24	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Ethanol	ND		60	16	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Ethylbenzene	**0.87**		0.24	0.049	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Ethyl-t-butyl ether (ETBE)	ND		0.24	0.057	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
2-Hexanone	ND		4.8	0.74	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Isopropylbenzene	**0.76**		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Methylene Chloride	ND		2.4	0.75	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
4-Methyl-2-pentanone	ND		4.8	0.70	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Methyl-t-Butyl Ether (MTBE)	**0.13**	**J**	0.48	0.045	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
m,p-Xylene	**0.59**		0.48	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Naphthalene	ND		2.4	1.2	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
n-Butylbenzene	**0.84**		0.24	0.050	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
N-Propylbenzene	**1.2**		0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
o-Xylene	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
p-Isopropyltoluene	**0.59**		0.24	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
sec-Butylbenzene	**0.58**		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,55
Date Collected: 10/23/20 10:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.24	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Tert-amyl-methyl ether (TAME)	ND		0.24	0.046	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
tert-Butyl alcohol (TBA)	ND		4.8	1.7	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
tert-Butylbenzene	ND		0.24	0.061	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1,1,2-Tetrachloroethane	ND		0.24	0.070	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1,2,2-Tetrachloroethane	ND		0.48	0.13	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Tetrachloroethene	ND		0.24	0.053	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Toluene	ND		0.24	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
t-1,2-Dichloroethene	ND		0.24	0.072	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
t-1,3-Dichloropropene	ND		0.48	0.067	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2,3-Trichlorobenzene	ND		0.48	0.24	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2,4-Trichlorobenzene	ND		0.48	0.098	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1,1-Trichloroethane	ND		0.24	0.056	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1,2-Trichloroethane	ND		0.24	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Trichloroethene	ND		0.48	0.093	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Trichlorofluoromethane	ND		2.4	0.065	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2,3-Trichloropropane	ND		0.48	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.4	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,2,4-Trimethylbenzene	**1.4**		0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
1,3,5-Trimethylbenzene	**0.25**	**J**	0.48	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Vinyl acetate	ND		2.4	0.94	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Vinyl chloride	ND		0.24	0.091	mg/Kg		10/24/20 15:13	11/03/20 19:24	250
Xylenes, Total	**0.59**	**J**	0.72	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:24	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/24/20 15:13*	*11/03/20 19:24*	*250*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*10/24/20 15:13*	*11/03/20 19:24*	*250*
1,2-Dichloroethane-d4 (Surr)	*92*		*71 - 155*	*10/24/20 15:13*	*11/03/20 19:24*	*250*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/24/20 15:13*	*11/03/20 19:24*	*250*

Client Sample ID: MW-1,60
Date Collected: 10/23/20 10:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.3	4.1	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Benzene	**0.57**		0.41	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Bromobenzene	ND		0.41	0.086	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Bromochloromethane	ND		0.83	0.18	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Bromodichloromethane	ND		0.41	0.066	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Bromoform	ND		2.1	0.55	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Bromomethane	ND		8.3	2.7	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
2-Butanone	ND		8.3	1.9	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Carbon disulfide	ND		4.1	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Carbon tetrachloride	ND		0.41	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Chlorobenzene	ND		0.41	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Chloroethane	ND		0.83	0.62	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Chloroform	ND		0.41	0.24	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Chloromethane	ND		8.3	0.63	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
2-Chlorotoluene	ND		0.41	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
4-Chlorotoluene	ND		0.41	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:52	500

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,60
Date Collected: 10/23/20 10:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.41	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
c-1,3-Dichloropropene	ND		0.41	0.14	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Dibromochloromethane	ND		0.83	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2-Dibromo-3-Chloropropane	ND		4.1	2.8	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2-Dibromoethane	ND		0.41	0.085	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Dibromomethane	ND		0.41	0.13	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2-Dichlorobenzene	ND		0.41	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,3-Dichlorobenzene	ND		0.41	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,4-Dichlorobenzene	ND		0.41	0.13	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Dichlorodifluoromethane	ND		0.83	0.19	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1-Dichloroethane	ND		0.41	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2-Dichloroethane	ND		0.41	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1-Dichloroethene	ND		0.41	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2-Dichloropropane	ND		0.41	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,3-Dichloropropane	ND		0.41	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
2,2-Dichloropropane	ND		2.1	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1-Dichloropropene	ND		0.83	0.16	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Di-isopropyl ether (DIPE)	ND		0.41	0.21	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Ethanol	ND		100	27	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Ethylbenzene	**2.4**		0.41	0.085	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Ethyl-t-butyl ether (ETBE)	ND		0.41	0.097	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
2-Hexanone	ND		8.3	1.3	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Isopropylbenzene	**1.5**		0.41	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Methylene Chloride	ND		4.1	1.3	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
4-Methyl-2-pentanone	ND		8.3	1.2	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Methyl-t-Butyl Ether (MTBE)	ND		0.83	0.077	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
m,p-Xylene	**5.9**		0.83	0.20	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Naphthalene	**2.4**	**J**	4.1	2.1	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
n-Butylbenzene	**1.4**		0.41	0.087	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
N-Propylbenzene	**2.5**		0.83	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
o-Xylene	**3.9**		0.41	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
p-Isopropyltoluene	**1.5**		0.41	0.29	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
sec-Butylbenzene	**0.92**		0.41	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Styrene	ND		0.41	0.29	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Tert-amyl-methyl ether (TAME)	ND		0.41	0.080	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
tert-Butyl alcohol (TBA)	ND		8.3	2.9	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
tert-Butylbenzene	ND		0.41	0.10	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1,1,2-Tetrachloroethane	ND		0.41	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1,2,2-Tetrachloroethane	ND		0.83	0.22	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Tetrachloroethene	ND		0.41	0.092	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Toluene	**0.66**		0.41	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
t-1,2-Dichloroethene	ND		0.41	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
t-1,3-Dichloropropene	ND		0.83	0.12	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2,3-Trichlorobenzene	ND		0.83	0.41	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2,4-Trichlorobenzene	ND		0.83	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1,1-Trichloroethane	ND		0.41	0.096	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1,2-Trichloroethane	ND		0.41	0.19	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Trichloroethene	ND		0.83	0.16	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Trichlorofluoromethane	ND		4.1	0.11	mg/Kg		10/24/20 15:13	11/03/20 19:52	500

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,60
Date Collected: 10/23/20 10:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.83	0.17	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1	0.19	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,2,4-Trimethylbenzene	**14**		0.83	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
1,3,5-Trimethylbenzene	**4.1**		0.83	0.25	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Vinyl acetate	ND		4.1	1.6	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Vinyl chloride	ND		0.41	0.16	mg/Kg		10/24/20 15:13	11/03/20 19:52	500
Xylenes, Total	**9.8**		1.2	0.29	mg/Kg		10/24/20 15:13	11/03/20 19:52	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/24/20 15:13*	*11/03/20 19:52*	*500*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*10/24/20 15:13*	*11/03/20 19:52*	*500*
1,2-Dichloroethane-d4 (Surr)	*93*		*71 - 155*	*10/24/20 15:13*	*11/03/20 19:52*	*500*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/24/20 15:13*	*11/03/20 19:52*	*500*

Client Sample ID: MW-1,65
Date Collected: 10/23/20 11:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.038**		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Benzene	**0.0028**		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Bromoform	ND		0.0055	0.0015	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Bromomethane	ND		0.022	0.0073	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
2-Butanone	**0.0067**	**J**	0.022	0.0050	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Carbon disulfide	**0.0029**	**J**	0.011	0.00044	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Chloroform	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
c-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0075	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,65
Date Collected: 10/23/20 11:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Ethanol	ND		0.28	0.073	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Ethylbenzene	**0.0012**		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Isopropylbenzene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Methyl-t-Butyl Ether (MTBE)	**0.0050**		0.0022	0.00021	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
m,p-Xylene	**0.0016**	**J**	0.0022	0.00052	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
n-Butylbenzene	**0.00064**	**J**	0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
N-Propylbenzene	**0.00093**	**J**	0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
o-Xylene	**0.00088**	**J**	0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
p-Isopropyltoluene	ND		0.0011	0.00077	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
sec-Butylbenzene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Styrene	ND		0.0011	0.00077	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
tert-Butyl alcohol (TBA)	**0.064**		0.022	0.0077	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Toluene	**0.0012**		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,2,4-Trimethylbenzene	**0.0024**		0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/24/20 15:04	10/31/20 20:55	1
Xylenes, Total	**0.0025**	**J**	0.0033	0.00078	mg/Kg		10/24/20 15:04	10/31/20 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 20:55*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*10/24/20 15:04*	*10/31/20 20:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/24/20 15:04*	*10/31/20 20:55*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 20:55*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,70
Date Collected: 10/23/20 11:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.023	0.011	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Benzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Bromobenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Bromochloromethane	ND		0.0023	0.00051	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Bromoform	ND		0.0057	0.0015	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Bromomethane	ND		0.023	0.0075	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
2-Butanone	ND		0.023	0.0051	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Chloroform	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Chloromethane	ND		0.023	0.0017	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
2-Chlorotoluene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
c-1,3-Dichloropropene	ND		0.0011	0.00040	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0077	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Dibromomethane	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,3-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Dichlorodifluoromethane	ND		0.0023	0.00052	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,3-Dichloropropane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
2,2-Dichloropropane	ND		0.0057	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00057	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Ethanol	ND		0.28	0.075	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
2-Hexanone	ND		0.023	0.0035	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Isopropylbenzene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Methylene Chloride	ND		0.011	0.0036	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
4-Methyl-2-pentanone	ND		0.023	0.0033	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Methyl-t-Butyl Ether (MTBE)	**0.00041**	**J**	0.0023	0.00021	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
m,p-Xylene	ND		0.0023	0.00054	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Naphthalene	ND		0.011	0.0059	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
N-Propylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
o-Xylene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
p-Isopropyltoluene	ND		0.0011	0.00080	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
sec-Butylbenzene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,70
Date Collected: 10/23/20 11:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00080	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
tert-Butyl alcohol (TBA)	**0.022**	**J**	0.023	0.0079	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00062	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Toluene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0011	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00047	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1,1-Trichloroethane	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1,2-Trichloroethane	ND		0.0011	0.00053	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2,3-Trichloropropane	ND		0.0023	0.00048	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00053	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg		10/24/20 15:04	10/31/20 00:47	1
Xylenes, Total	ND		0.0034	0.00080	mg/Kg		10/24/20 15:04	10/31/20 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/24/20 15:04*	*10/31/20 00:47*	*1*
Dibromofluoromethane (Surr)	*106*		*79 - 133*	*10/24/20 15:04*	*10/31/20 00:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/24/20 15:04*	*10/31/20 00:47*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 00:47*	*1*

Client Sample ID: MW-1,75
Date Collected: 10/23/20 11:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.023	0.011	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Benzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Bromoform	ND		0.0058	0.0015	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Bromomethane	ND		0.023	0.0077	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
2-Butanone	ND		0.023	0.0053	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Chloroethane	ND		0.0023	0.0018	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Chloroform	ND		0.0012	0.00069	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Chloromethane	ND		0.023	0.0018	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/24/20 15:04	10/31/20 01:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,75
Date Collected: 10/23/20 11:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
c-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0079	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,3-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,3-Dichloropropane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
2,2-Dichloropropane	ND		0.0058	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Ethanol	ND		0.29	0.077	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
2-Hexanone	ND		0.023	0.0036	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Isopropylbenzene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Methylene Chloride	ND		0.012	0.0036	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
4-Methyl-2-pentanone	ND		0.023	0.0034	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Methyl-t-Butyl Ether (MTBE)	**0.0018**	**J**	0.0023	0.00022	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
m,p-Xylene	ND		0.0023	0.00055	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Naphthalene	ND		0.012	0.0061	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
N-Propylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
o-Xylene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
p-Isopropyltoluene	ND		0.0012	0.00082	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
sec-Butylbenzene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Styrene	ND		0.0012	0.00082	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
tert-Butyl alcohol (TBA)	**0.013**	**J**	0.023	0.0082	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00064	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Toluene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
t-1,3-Dichloropropene	ND		0.0023	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0012	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,75
Date Collected: 10/23/20 11:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Vinyl chloride	ND		0.0012	0.00044	mg/Kg		10/24/20 15:04	10/31/20 01:15	1
Xylenes, Total	ND		0.0035	0.00082	mg/Kg		10/24/20 15:04	10/31/20 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*10/24/20 15:04*	*10/31/20 01:15*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*10/24/20 15:04*	*10/31/20 01:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*10/24/20 15:04*	*10/31/20 01:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 01:15*	*1*

Client Sample ID: MW-1,80
Date Collected: 10/23/20 11:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Benzene	**0.00051**	**J**	0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Bromoform	ND		0.0060	0.0016	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Bromomethane	ND		0.024	0.0079	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
2-Butanone	ND		0.024	0.0054	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Chloroform	ND		0.0012	0.00071	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Chloromethane	ND		0.024	0.0018	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
c-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
c-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0081	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,80
Date Collected: 10/23/20 11:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Ethanol	ND		0.30	0.079	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
2-Hexanone	ND		0.024	0.0037	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Isopropylbenzene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
4-Methyl-2-pentanone	ND		0.024	0.0035	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Methyl-t-Butyl Ether (MTBE)	**0.0012**	**J**	0.0024	0.00023	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Naphthalene	ND		0.012	0.0062	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
N-Propylbenzene	ND		0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
o-Xylene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
p-Isopropyltoluene	ND		0.0012	0.00084	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
sec-Butylbenzene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Styrene	ND		0.0012	0.00084	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0084	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Toluene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
t-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
t-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,2,4-Trimethylbenzene	**0.00087**	**J**	0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg		10/24/20 15:04	10/31/20 01:44	1
Xylenes, Total	ND		0.0036	0.00084	mg/Kg		10/24/20 15:04	10/31/20 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/24/20 15:04*	*10/31/20 01:44*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/31/20 01:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/24/20 15:04*	*10/31/20 01:44*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 01:44*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,85
Date Collected: 10/23/20 11:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Benzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Bromoform	ND		0.0056	0.0015	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Bromomethane	ND		0.022	0.0074	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
2-Butanone	ND		0.022	0.0051	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Chloroform	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Dibromochloromethane	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0076	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Ethanol	ND		0.28	0.074	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Ethylbenzene	**0.00059**	**J**	0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Isopropylbenzene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
4-Methyl-2-pentanone	ND		0.022	0.0033	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Methyl-t-Butyl Ether (MTBE)	**0.00033**	**J**	0.0022	0.00021	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
N-Propylbenzene	ND		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
o-Xylene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
p-Isopropyltoluene	ND		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
sec-Butylbenzene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,85
Date Collected: 10/23/20 11:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Toluene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/24/20 15:04	10/31/20 02:12	1
Xylenes, Total	ND		0.0034	0.00079	mg/Kg		10/24/20 15:04	10/31/20 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/24/20 15:04*	*10/31/20 02:12*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*10/24/20 15:04*	*10/31/20 02:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/24/20 15:04*	*10/31/20 02:12*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 02:12*	*1*

Client Sample ID: MW-1,90
Date Collected: 10/23/20 11:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Benzene	**0.00043**	**J**	0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Bromoform	ND		0.0060	0.0016	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Bromomethane	ND		0.024	0.0079	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
2-Butanone	ND		0.024	0.0055	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Chloroform	ND		0.0012	0.00071	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Chloromethane	ND		0.024	0.0019	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 02:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,90
Date Collected: 10/23/20 11:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
c-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0082	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Ethanol	ND		0.30	0.080	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
2-Hexanone	ND		0.024	0.0037	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Isopropylbenzene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
4-Methyl-2-pentanone	ND		0.024	0.0035	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Methyl-t-Butyl Ether (MTBE)	**0.0018**	**J**	0.0024	0.00023	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Naphthalene	ND		0.012	0.0063	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
N-Propylbenzene	ND		0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
o-Xylene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
p-Isopropyltoluene	ND		0.0012	0.00085	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
sec-Butylbenzene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Styrene	ND		0.0012	0.00085	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0084	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Toluene	ND		0.0012	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
t-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
t-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg		10/24/20 15:04	10/31/20 02:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,90
Date Collected: 10/23/20 11:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00072	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg		10/24/20 15:04	10/31/20 02:41	1
Xylenes, Total	ND		0.0036	0.00085	mg/Kg		10/24/20 15:04	10/31/20 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/24/20 15:04*	*10/31/20 02:41*	*1*
Dibromofluoromethane (Surr)	*106*		*79 - 133*	*10/24/20 15:04*	*10/31/20 02:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/24/20 15:04*	*10/31/20 02:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 02:41*	*1*

Client Sample ID: MW-1,95
Date Collected: 10/23/20 11:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Benzene	**0.00031**	**J**	0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Bromoform	ND		0.0054	0.0014	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Bromomethane	ND		0.022	0.0071	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
2-Butanone	ND		0.022	0.0049	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Chloroethane	ND		0.0022	0.0016	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Chloroform	ND		0.0011	0.00064	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
c-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Dibromochloromethane	ND		0.0022	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0073	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,95
Date Collected: 10/23/20 11:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Ethanol	ND		0.27	0.071	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
2-Hexanone	ND		0.022	0.0033	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Isopropylbenzene	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
4-Methyl-2-pentanone	ND		0.022	0.0031	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Methyl-t-Butyl Ether (MTBE)	**0.00047**	**J**	0.0022	0.00020	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
m,p-Xylene	ND		0.0022	0.00051	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Naphthalene	ND		0.011	0.0056	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
N-Propylbenzene	ND		0.0022	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
o-Xylene	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
p-Isopropyltoluene	ND		0.0011	0.00075	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
sec-Butylbenzene	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Styrene	ND		0.0011	0.00075	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0075	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Toluene	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
t-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00044	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00065	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/24/20 15:04	10/31/20 03:10	1
Xylenes, Total	ND		0.0032	0.00076	mg/Kg		10/24/20 15:04	10/31/20 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/24/20 15:04*	*10/31/20 03:10*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*10/24/20 15:04*	*10/31/20 03:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/24/20 15:04*	*10/31/20 03:10*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 03:10*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,100
Date Collected: 10/23/20 12:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.022**		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Benzene	**0.00043**	**J**	0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Bromoform	ND		0.0055	0.0015	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Bromomethane	ND		0.022	0.0073	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
2-Butanone	ND		0.022	0.0050	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Carbon disulfide	**0.00047**	**J**	0.011	0.00044	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Chloroform	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0075	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Ethanol	ND		0.28	0.073	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Ethylbenzene	**0.0059**		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Isopropylbenzene	**0.0091**		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Methyl-t-Butyl Ether (MTBE)	**0.00026**	**J**	0.0022	0.00021	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
m,p-Xylene	**0.014**		0.0022	0.00053	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Naphthalene	**0.073**		0.011	0.0058	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
n-Butylbenzene	**0.027**		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
N-Propylbenzene	**0.019**		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
o-Xylene	**0.0085**		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
p-Isopropyltoluene	**0.020**		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
sec-Butylbenzene	**0.014**		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,100
Date Collected: 10/23/20 12:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
tert-Butyl alcohol (TBA)	**0.015**	**J**	0.022	0.0077	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Toluene	**0.0026**		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,2,4-Trimethylbenzene	**0.10**		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
1,3,5-Trimethylbenzene	**0.025**		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/24/20 15:04	10/31/20 19:56	1
Xylenes, Total	**0.023**		0.0033	0.00078	mg/Kg		10/24/20 15:04	10/31/20 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/24/20 15:04*	*10/31/20 19:56*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*10/24/20 15:04*	*10/31/20 19:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/24/20 15:04*	*10/31/20 19:56*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*10/24/20 15:04*	*10/31/20 19:56*	*1*

Client Sample ID: MW-1,105
Date Collected: 10/23/20 12:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Benzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Bromobenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Bromochloromethane	ND		0.0023	0.00050	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Bromoform	ND		0.0056	0.0015	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Bromomethane	ND		0.023	0.0074	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
2-Butanone	ND		0.023	0.0051	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Chloroform	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Chloromethane	ND		0.023	0.0017	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,105
Date Collected: 10/23/20 12:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0076	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Dichlorodifluoromethane	ND		0.0023	0.00051	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
2,2-Dichloropropane	ND		0.0056	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Ethanol	ND		0.28	0.074	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
2-Hexanone	ND		0.023	0.0035	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Isopropylbenzene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
4-Methyl-2-pentanone	ND		0.023	0.0033	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Methyl-t-Butyl Ether (MTBE)	**0.00045**	**J**	0.0023	0.00021	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
m,p-Xylene	ND		0.0023	0.00053	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Naphthalene	ND		0.011	0.0059	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
N-Propylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
o-Xylene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
p-Isopropyltoluene	ND		0.0011	0.00079	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
sec-Butylbenzene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Styrene	ND		0.0011	0.00079	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0079	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00061	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Toluene	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0011	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00046	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 03:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,105
Date Collected: 10/23/20 12:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0023	0.00047	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg		10/24/20 15:04	10/31/20 03:38	1
Xylenes, Total	ND		0.0034	0.00079	mg/Kg		10/24/20 15:04	10/31/20 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/24/20 15:04*	*10/31/20 03:38*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/24/20 15:04*	*10/31/20 03:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*10/24/20 15:04*	*10/31/20 03:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 03:38*	*1*

Client Sample ID: MW-1,110
Date Collected: 10/23/20 12:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Benzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Bromobenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Bromochloromethane	ND		0.0023	0.00051	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Bromoform	ND		0.0057	0.0015	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Bromomethane	ND		0.023	0.0076	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
2-Butanone	ND		0.023	0.0052	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Carbon disulfide	ND		0.011	0.00046	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Chlorobenzene	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Chloroform	ND		0.0011	0.00068	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Chloromethane	ND		0.023	0.0018	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
2-Chlorotoluene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
4-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
c-1,2-Dichloroethene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
c-1,3-Dichloropropene	ND		0.0011	0.00040	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0078	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2-Dibromoethane	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Dibromomethane	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,3-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Dichlorodifluoromethane	ND		0.0023	0.00052	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2-Dichloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,3-Dichloropropane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
2,2-Dichloropropane	ND		0.0057	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,110
Date Collected: 10/23/20 12:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00057	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Ethanol	ND		0.29	0.076	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Ethylbenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
2-Hexanone	ND		0.023	0.0035	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Isopropylbenzene	ND		0.0011	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Methylene Chloride	ND		0.011	0.0036	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
4-Methyl-2-pentanone	ND		0.023	0.0033	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00022	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
m,p-Xylene	ND		0.0023	0.00054	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Naphthalene	ND		0.011	0.0060	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
N-Propylbenzene	ND		0.0023	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
o-Xylene	ND		0.0011	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
p-Isopropyltoluene	ND		0.0011	0.00080	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
sec-Butylbenzene	ND		0.0011	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Styrene	ND		0.0011	0.00080	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0080	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00063	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Tetrachloroethene	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Toluene	ND		0.0011	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
t-1,2-Dichloroethene	ND		0.0011	0.00035	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0011	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00047	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1,1-Trichloroethane	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1,2-Trichloroethane	ND		0.0011	0.00053	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2,3-Trichloropropane	ND		0.0023	0.00048	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00053	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00069	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Vinyl acetate	ND		0.011	0.0045	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Vinyl chloride	ND		0.0011	0.00044	mg/Kg		10/24/20 15:04	10/31/20 15:23	1
Xylenes, Total	ND		0.0034	0.00081	mg/Kg		10/24/20 15:04	10/31/20 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/24/20 15:04*	*10/31/20 15:23*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/31/20 15:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/24/20 15:04*	*10/31/20 15:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 15:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,115
Date Collected: 10/23/20 13:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Benzene	**0.00032**	**J**	0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Bromoform	ND		0.0056	0.0015	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Bromomethane	ND		0.022	0.0073	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
2-Butanone	ND		0.022	0.0050	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Chloroform	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0076	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Ethanol	ND		0.28	0.074	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Isopropylbenzene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
m,p-Xylene	**0.00064**	**J**	0.0022	0.00053	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
n-Butylbenzene	**0.00086**	**J**	0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
N-Propylbenzene	ND		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
o-Xylene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
p-Isopropyltoluene	ND		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
sec-Butylbenzene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,115
Date Collected: 10/23/20 13:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00078	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Toluene	ND		0.0011	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,2,4-Trimethylbenzene	**0.0016**	**J**	0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00067	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/24/20 15:04	10/31/20 15:51	1
Xylenes, Total	ND		0.0033	0.00079	mg/Kg		10/24/20 15:04	10/31/20 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/24/20 15:04*	*10/31/20 15:51*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/31/20 15:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/24/20 15:04*	*10/31/20 15:51*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*10/24/20 15:04*	*10/31/20 15:51*	*1*

Client Sample ID: MW-1,120
Date Collected: 10/23/20 13:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.010	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Benzene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Bromoform	ND		0.0052	0.0014	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Bromomethane	ND		0.021	0.0068	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
2-Butanone	ND		0.021	0.0047	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Chloroform	ND		0.0010	0.00061	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 17:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,120
Date Collected: 10/23/20 13:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
c-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0070	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Ethanol	ND		0.26	0.068	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
2-Hexanone	ND		0.021	0.0032	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Isopropylbenzene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
4-Methyl-2-pentanone	ND		0.021	0.0030	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Methyl-t-Butyl Ether (MTBE)	**0.0030**		0.0021	0.00019	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Naphthalene	ND		0.010	0.0054	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
N-Propylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
o-Xylene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
p-Isopropyltoluene	ND		0.0010	0.00072	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
sec-Butylbenzene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Styrene	ND		0.0010	0.00072	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Toluene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
t-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
t-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0010	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 17:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,120
Date Collected: 10/23/20 13:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg		10/24/20 15:04	10/31/20 17:37	1
Xylenes, Total	ND		0.0031	0.00073	mg/Kg		10/24/20 15:04	10/31/20 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/24/20 15:04*	*10/31/20 17:37*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/24/20 15:04*	*10/31/20 17:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*10/24/20 15:04*	*10/31/20 17:37*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/24/20 15:04*	*10/31/20 17:37*	*1*

Client Sample ID: MW-1,125
Date Collected: 10/23/20 13:10
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.010	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Benzene	**0.00044**	**J**	0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Bromoform	ND		0.0051	0.0014	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Bromomethane	ND		0.021	0.0068	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
2-Butanone	ND		0.021	0.0046	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Chloroethane	ND		0.0021	0.0015	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Chloroform	ND		0.0010	0.00061	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
c-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
c-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0070	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,125
Date Collected: 10/23/20 13:10
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Ethanol	ND		0.26	0.068	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
2-Hexanone	ND		0.021	0.0032	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Isopropylbenzene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
4-Methyl-2-pentanone	ND		0.021	0.0030	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Methyl-t-Butyl Ether (MTBE)	**0.0016**	**J**	0.0021	0.00019	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Naphthalene	ND		0.010	0.0054	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
N-Propylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
o-Xylene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
p-Isopropyltoluene	ND		0.0010	0.00072	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
sec-Butylbenzene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Styrene	ND		0.0010	0.00072	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Toluene	ND		0.0010	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
t-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
t-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0010	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00062	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg		10/24/20 15:04	10/31/20 18:04	1
Xylenes, Total	ND		0.0031	0.00072	mg/Kg		10/24/20 15:04	10/31/20 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*10/24/20 15:04*	*10/31/20 18:04*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/24/20 15:04*	*10/31/20 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*10/24/20 15:04*	*10/31/20 18:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:04*	*10/31/20 18:04*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,130
Date Collected: 10/23/20 13:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Benzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Bromoform	ND		0.0055	0.0015	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Bromomethane	ND		0.022	0.0073	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
2-Butanone	ND		0.022	0.0050	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Chloroform	ND		0.0011	0.00065	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0075	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Ethanol	ND		0.28	0.073	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Isopropylbenzene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
m,p-Xylene	ND		0.0022	0.00052	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
N-Propylbenzene	ND		0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
o-Xylene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
p-Isopropyltoluene	ND		0.0011	0.00077	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
sec-Butylbenzene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,130
Date Collected: 10/23/20 13:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00077	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0077	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Toluene	ND		0.0011	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/24/20 15:04	10/31/20 18:32	1
Xylenes, Total	ND		0.0033	0.00078	mg/Kg		10/24/20 15:04	10/31/20 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/24/20 15:04*	*10/31/20 18:32*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/24/20 15:04*	*10/31/20 18:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*10/24/20 15:04*	*10/31/20 18:32*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/24/20 15:04*	*10/31/20 18:32*	*1*

Client Sample ID: MW-1,135
Date Collected: 10/23/20 13:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**	**J**	0.019	0.0094	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Benzene	ND		0.00095	0.00025	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Bromobenzene	ND		0.00095	0.00020	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Bromodichloromethane	ND		0.00095	0.00015	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Bromomethane	ND		0.019	0.0063	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Carbon disulfide	ND		0.0095	0.00038	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Carbon tetrachloride	ND		0.00095	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Chlorobenzene	ND		0.00095	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Chloroform	ND		0.00095	0.00056	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
2-Chlorotoluene	ND		0.00095	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
4-Chlorotoluene	ND		0.00095	0.00023	mg/Kg		10/24/20 15:10	10/31/20 19:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,135
Date Collected: 10/23/20 13:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00095	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
c-1,3-Dichloropropene	ND		0.00095	0.00033	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0065	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2-Dibromoethane	ND		0.00095	0.00020	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Dibromomethane	ND		0.00095	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,3-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,4-Dichlorobenzene	ND		0.00095	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1-Dichloroethane	ND		0.00095	0.00027	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2-Dichloroethane	ND		0.00095	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1-Dichloroethene	ND		0.00095	0.00025	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2-Dichloropropane	ND		0.00095	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,3-Dichloropropane	ND		0.00095	0.00028	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Di-isopropyl ether (DIPE)	ND		0.00095	0.00048	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Ethanol	ND		0.24	0.063	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Ethylbenzene	ND		0.00095	0.00020	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.00095	0.00023	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Isopropylbenzene	ND		0.00095	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Methylene Chloride	ND		0.0095	0.0030	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Methyl-t-Butyl Ether (MTBE)	**0.00061**	**J**	0.0019	0.00018	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
m,p-Xylene	ND		0.0019	0.00045	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Naphthalene	ND		0.0095	0.0050	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
n-Butylbenzene	**0.00043**	**J**	0.00095	0.00020	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
N-Propylbenzene	ND		0.0019	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
o-Xylene	ND		0.00095	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
p-Isopropyltoluene	ND		0.00095	0.00067	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
sec-Butylbenzene	ND		0.00095	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Styrene	ND		0.00095	0.00067	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Tert-amyl-methyl ether (TAME)	ND		0.00095	0.00019	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0067	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
tert-Butylbenzene	ND		0.00095	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1,1,2-Tetrachloroethane	ND		0.00095	0.00028	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Tetrachloroethene	ND		0.00095	0.00021	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Toluene	ND		0.00095	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
t-1,2-Dichloroethene	ND		0.00095	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00095	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1,1-Trichloroethane	ND		0.00095	0.00022	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1,2-Trichloroethane	ND		0.00095	0.00044	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Trichlorofluoromethane	ND		0.0095	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,135
Date Collected: 10/23/20 13:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0095	0.00044	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,2,4-Trimethylbenzene	**0.00085**	**J**	0.0019	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00057	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Vinyl acetate	ND		0.0095	0.0037	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Vinyl chloride	ND		0.00095	0.00036	mg/Kg		10/24/20 15:10	10/31/20 19:28	1
Xylenes, Total	ND		0.0029	0.00067	mg/Kg		10/24/20 15:10	10/31/20 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/24/20 15:10*	*10/31/20 19:28*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/24/20 15:10*	*10/31/20 19:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*10/24/20 15:10*	*10/31/20 19:28*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/24/20 15:10*	*10/31/20 19:28*	*1*

Client Sample ID: MW-1,140
Date Collected: 10/23/20 13:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Benzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Bromodichloromethane	ND		0.0012	0.00018	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Bromoform	ND		0.0058	0.0015	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Bromomethane	ND		0.023	0.0076	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
2-Butanone	ND		0.023	0.0052	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Carbon disulfide	ND		0.012	0.00046	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Chloroform	ND		0.0012	0.00068	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Chloromethane	ND		0.023	0.0018	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
c-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
c-1,3-Dichloropropene	ND		0.0012	0.00040	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0079	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Dibromomethane	ND		0.0012	0.00035	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,3-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,3-Dichloropropane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
2,2-Dichloropropane	ND		0.0058	0.00031	mg/Kg		10/24/20 15:10	10/31/20 19:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,140
Date Collected: 10/23/20 13:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Ethanol	ND		0.29	0.076	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00027	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
2-Hexanone	ND		0.023	0.0036	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Isopropylbenzene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Methylene Chloride	ND		0.012	0.0036	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
4-Methyl-2-pentanone	ND		0.023	0.0034	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00022	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
m,p-Xylene	ND		0.0023	0.00055	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Naphthalene	ND		0.012	0.0060	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
n-Butylbenzene	ND		0.0012	0.00024	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
N-Propylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
o-Xylene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
p-Isopropyltoluene	ND		0.0012	0.00081	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
sec-Butylbenzene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Styrene	ND		0.0012	0.00081	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0081	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00063	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Toluene	ND		0.0012	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
t-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0012	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00070	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Vinyl acetate	ND		0.012	0.0045	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Vinyl chloride	ND		0.0012	0.00044	mg/Kg		10/24/20 15:10	10/31/20 19:00	1
Xylenes, Total	ND		0.0035	0.00082	mg/Kg		10/24/20 15:10	10/31/20 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*10/24/20 15:10*	*10/31/20 19:00*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/24/20 15:10*	*10/31/20 19:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 155*	*10/24/20 15:10*	*10/31/20 19:00*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/24/20 15:10*	*10/31/20 19:00*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1,145
Date Collected: 10/23/20 13:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.020	0.0099	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Benzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Bromomethane	ND		0.020	0.0066	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
2-Butanone	ND		0.020	0.0045	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Ethanol	ND		0.25	0.066	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
m,p-Xylene	**0.00065**	**J**	0.0020	0.00048	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
n-Butylbenzene	**0.00068**	**J**	0.0010	0.00021	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
o-Xylene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,145
Date Collected: 10/23/20 13:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Toluene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,2,4-Trimethylbenzene	**0.0014**	**J**	0.0020	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/24/20 15:10	10/31/20 21:23	1
Xylenes, Total	ND		0.0030	0.00071	mg/Kg		10/24/20 15:10	10/31/20 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/24/20 15:10*	*10/31/20 21:23*	*1*
Dibromofluoromethane (Surr)	*106*		*79 - 133*	*10/24/20 15:10*	*10/31/20 21:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 155*	*10/24/20 15:10*	*10/31/20 21:23*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/24/20 15:10*	*10/31/20 21:23*	*1*

Client Sample ID: MW-1,150
Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Benzene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Bromomethane	ND		0.020	0.0066	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
2-Butanone	ND		0.020	0.0045	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/24/20 15:10	11/03/20 12:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,150
Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Dibromomethane	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1-Dichloroethene	ND		0.0010	0.00026	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,3-Dichloropropane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Ethanol	ND		0.25	0.066	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Ethylbenzene	**0.00041**	**J**	0.0010	0.00021	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
m,p-Xylene	**0.00092**	**J**	0.0020	0.00047	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
n-Butylbenzene	**0.00042**	**J**	0.0010	0.00021	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
o-Xylene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Styrene	ND		0.0010	0.00070	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Toluene	ND		0.0010	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/24/20 15:10	11/03/20 12:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1,150
Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,2,4-Trimethylbenzene	**0.0017**	**J**	0.0020	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/24/20 15:10	11/03/20 12:42	1
Xylenes, Total	**0.00092**	**J**	0.0030	0.00070	mg/Kg		10/24/20 15:10	11/03/20 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/24/20 15:10*	*11/03/20 12:42*	*1*
Dibromofluoromethane (Surr)	*106*		*79 - 133*	*10/24/20 15:10*	*11/03/20 12:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*10/24/20 15:10*	*11/03/20 12:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/24/20 15:10*	*11/03/20 12:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,10
Date Collected: 10/23/20 09:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.085	0.047	mg/Kg		10/24/20 15:04	11/03/20 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/24/20 15:04*	*11/03/20 19:51*	*1*

Client Sample ID: MW-1,15
Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.095	0.053	mg/Kg		10/24/20 15:04	11/03/20 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*10/24/20 15:04*	*11/03/20 20:14*	*1*

Client Sample ID: MW-1,20
Date Collected: 10/23/20 09:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.097	0.054	mg/Kg		10/24/20 15:04	11/03/20 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/24/20 15:04*	*11/03/20 20:38*	*1*

Client Sample ID: MW-1,25
Date Collected: 10/23/20 09:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**660**		80	44	mg/Kg		10/24/20 15:13	11/04/20 11:52	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*10/24/20 15:13*	*11/04/20 11:52*	*1000*

Client Sample ID: MW-1,30
Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**1600**		88	49	mg/Kg		10/24/20 15:13	11/04/20 12:15	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*10/24/20 15:13*	*11/04/20 12:15*	*1000*

Client Sample ID: MW-1,35
Date Collected: 10/23/20 10:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.77**		0.097	0.054	mg/Kg		10/24/20 15:04	11/03/20 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*10/24/20 15:04*	*11/03/20 21:01*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,40
Date Collected: 10/23/20 10:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	230		4.3	2.4	mg/Kg		10/24/20 15:13	11/04/20 09:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*		*42 - 126*	*10/24/20 15:13*	*11/04/20 09:55*	*50*

Client Sample ID: MW-1,45
Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	170		4.5	2.5	mg/Kg		10/24/20 15:13	11/04/20 10:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*		*42 - 126*	*10/24/20 15:13*	*11/04/20 10:18*	*50*

Client Sample ID: MW-1,50
Date Collected: 10/23/20 10:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	1300		24	13	mg/Kg		10/24/20 15:13	11/04/20 10:42	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*10/24/20 15:13*	*11/04/20 10:42*	*250*

Client Sample ID: MW-1,55
Date Collected: 10/23/20 10:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	670		24	13	mg/Kg		10/24/20 15:13	11/04/20 11:05	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*42 - 126*	*10/24/20 15:13*	*11/04/20 11:05*	*250*

Client Sample ID: MW-1,60
Date Collected: 10/23/20 10:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	930		83	46	mg/Kg		10/24/20 15:13	11/04/20 11:28	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*10/24/20 15:13*	*11/04/20 11:28*	*1000*

Client Sample ID: MW-1,65
Date Collected: 10/23/20 11:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	2.2		0.10	0.057	mg/Kg		10/24/20 15:04	11/05/20 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*		*42 - 126*	*10/24/20 15:04*	*11/05/20 11:59*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,70
Date Collected: 10/23/20 11:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.068	J	0.11	0.062	mg/Kg		10/24/20 15:04	11/04/20 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*	*10/24/20 15:04*	*11/04/20 02:27*	*1*

Client Sample ID: MW-1,75
Date Collected: 10/23/20 11:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.084	J	0.12	0.069	mg/Kg		10/24/20 15:04	11/04/20 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*10/24/20 15:04*	*11/04/20 02:51*	*1*

Client Sample ID: MW-1,80
Date Collected: 10/23/20 11:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.28		0.13	0.073	mg/Kg		10/24/20 15:04	11/05/20 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*10/24/20 15:04*	*11/05/20 11:35*	*1*

Client Sample ID: MW-1,85
Date Collected: 10/23/20 11:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.065	mg/Kg		10/24/20 15:04	11/04/20 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/24/20 15:04*	*11/04/20 03:14*	*1*

Client Sample ID: MW-1,90
Date Collected: 10/23/20 11:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.065	mg/Kg		10/24/20 15:04	11/04/20 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*10/24/20 15:04*	*11/04/20 03:37*	*1*

Client Sample ID: MW-1,95
Date Collected: 10/23/20 11:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.066	mg/Kg		10/24/20 15:04	11/04/20 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*	*10/24/20 15:04*	*11/04/20 04:01*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,100
Date Collected: 10/23/20 12:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.70**		0.11	0.062	mg/Kg		10/24/20 15:04	11/04/20 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*	*10/24/20 15:04*	*11/04/20 04:24*	*1*

Client Sample ID: MW-1,105
Date Collected: 10/23/20 12:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.064	mg/Kg		10/24/20 15:04	11/04/20 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/24/20 15:04*	*11/04/20 04:47*	*1*

Client Sample ID: MW-1,110
Date Collected: 10/23/20 12:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.12	0.066	mg/Kg		10/24/20 15:04	11/04/20 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*	*10/24/20 15:04*	*11/04/20 05:11*	*1*

Client Sample ID: MW-1,115
Date Collected: 10/23/20 13:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**3.0**		0.11	0.059	mg/Kg		10/24/20 15:04	11/04/20 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*10/24/20 15:04*	*11/04/20 05:34*	*1*

Client Sample ID: MW-1,120
Date Collected: 10/23/20 13:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.089	0.049	mg/Kg		10/24/20 15:04	11/04/20 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/24/20 15:04*	*11/04/20 21:01*	*1*

Client Sample ID: MW-1,125
Date Collected: 10/23/20 13:10
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.060	mg/Kg		10/24/20 15:04	11/04/20 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/24/20 15:04*	*11/04/20 09:31*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1,130
Date Collected: 10/23/20 13:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.092	J	0.11	0.063	mg/Kg		10/24/20 15:04	11/04/20 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/24/20 15:04*	*11/04/20 22:11*	*1*

Client Sample ID: MW-1,135
Date Collected: 10/23/20 13:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.17		0.095	0.053	mg/Kg		10/24/20 15:10	11/04/20 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*	*10/24/20 15:10*	*11/04/20 22:35*	*1*

Client Sample ID: MW-1,140
Date Collected: 10/23/20 13:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.078	J	0.10	0.056	mg/Kg		10/24/20 15:10	11/04/20 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*10/24/20 15:10*	*11/04/20 22:58*	*1*

Client Sample ID: MW-1,145
Date Collected: 10/23/20 13:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	1.0		0.10	0.057	mg/Kg		10/24/20 15:10	11/04/20 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*10/24/20 15:10*	*11/04/20 23:21*	*1*

Client Sample ID: MW-1,150
Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.86		0.097	0.054	mg/Kg		10/24/20 15:10	11/05/20 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*10/24/20 15:10*	*11/05/20 00:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,10
Date Collected: 10/23/20 09:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/03/20 20:27	11/05/20 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*61 - 145*	*11/03/20 20:27*	*11/05/20 03:37*	*1*

Client Sample ID: MW-1,15
Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/03/20 20:27	11/05/20 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*61 - 145*	*11/03/20 20:27*	*11/05/20 04:03*	*1*

Client Sample ID: MW-1,20
Date Collected: 10/23/20 09:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/03/20 20:27	11/05/20 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*61 - 145*	*11/03/20 20:27*	*11/05/20 04:29*	*1*

Client Sample ID: MW-1,25
Date Collected: 10/23/20 09:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**18**	**Z**	4.8	3.7	mg/Kg		11/03/20 20:27	11/05/20 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*11/03/20 20:27*	*11/05/20 04:55*	*1*

Client Sample ID: MW-1,30
Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.7	mg/Kg		11/03/20 20:27	11/05/20 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*113*		*61 - 145*	*11/03/20 20:27*	*11/05/20 05:21*	*1*

Client Sample ID: MW-1,35
Date Collected: 10/23/20 10:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/03/20 20:27	11/05/20 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*61 - 145*	*11/03/20 20:27*	*11/05/20 05:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,40
Date Collected: 10/23/20 10:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/03/20 20:27	11/05/20 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*115*		*61 - 145*	*11/03/20 20:27*	*11/05/20 06:13*	*1*

Client Sample ID: MW-1,45
Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/03/20 20:27	11/05/20 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*11/03/20 20:27*	*11/05/20 06:39*	*1*

Client Sample ID: MW-1,50
Date Collected: 10/23/20 10:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/03/20 20:27	11/05/20 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*11/03/20 20:27*	*11/05/20 07:05*	*1*

Client Sample ID: MW-1,55
Date Collected: 10/23/20 10:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**6.2**	**Z**	4.9	3.8	mg/Kg		11/03/20 20:27	11/05/20 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*61 - 145*	*11/03/20 20:27*	*11/05/20 07:31*	*1*

Client Sample ID: MW-1,60
Date Collected: 10/23/20 10:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**38**	**Z**	4.8	3.7	mg/Kg		11/04/20 10:59	11/04/20 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/04/20 10:59*	*11/04/20 22:29*	*1*

Client Sample ID: MW-1,65
Date Collected: 10/23/20 11:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/04/20 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/04/20 10:59*	*11/04/20 22:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,70
Date Collected: 10/23/20 11:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/04/20 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*61 - 145*	*11/04/20 10:59*	*11/04/20 23:10*	*1*

Client Sample ID: MW-1,75
Date Collected: 10/23/20 11:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.3	4.0	mg/Kg		11/04/20 10:59	11/04/20 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/04/20 10:59*	*11/04/20 23:30*	*1*

Client Sample ID: MW-1,80
Date Collected: 10/23/20 11:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.9	mg/Kg		11/04/20 10:59	11/04/20 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/04/20 10:59*	*11/04/20 23:51*	*1*

Client Sample ID: MW-1,85
Date Collected: 10/23/20 11:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/05/20 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/04/20 10:59*	*11/05/20 00:11*	*1*

Client Sample ID: MW-1,90
Date Collected: 10/23/20 11:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.7	3.7	mg/Kg		11/04/20 10:59	11/05/20 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*11/04/20 10:59*	*11/05/20 00:32*	*1*

Client Sample ID: MW-1,95
Date Collected: 10/23/20 11:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/04/20 10:59	11/05/20 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/04/20 10:59*	*11/05/20 00:52*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,100
Date Collected: 10/23/20 12:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/05/20 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*61 - 145*	*11/04/20 10:59*	*11/05/20 01:13*	*1*

Client Sample ID: MW-1,105
Date Collected: 10/23/20 12:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/05/20 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*11/04/20 10:59*	*11/05/20 01:33*	*1*

Client Sample ID: MW-1,110
Date Collected: 10/23/20 12:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/05/20 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/04/20 10:59*	*11/05/20 02:14*	*1*

Client Sample ID: MW-1,115
Date Collected: 10/23/20 13:00
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/04/20 10:59	11/05/20 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/04/20 10:59*	*11/05/20 02:35*	*1*

Client Sample ID: MW-1,120
Date Collected: 10/23/20 13:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		11/04/20 10:59	11/05/20 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/04/20 10:59*	*11/05/20 02:55*	*1*

Client Sample ID: MW-1,125
Date Collected: 10/23/20 13:10
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/04/20 10:59	11/05/20 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/04/20 10:59*	*11/05/20 03:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1,130
Date Collected: 10/23/20 13:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/04/20 10:59	11/05/20 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/04/20 10:59*	*11/05/20 03:37*	*1*

Client Sample ID: MW-1,135
Date Collected: 10/23/20 13:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/04/20 10:59	11/05/20 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/04/20 10:59*	*11/05/20 03:57*	*1*

Client Sample ID: MW-1,140
Date Collected: 10/23/20 13:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/04/20 10:59	11/05/20 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/04/20 10:59*	*11/05/20 04:18*	*1*

Client Sample ID: MW-1,150
Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.2	4.0	mg/Kg		11/04/20 10:59	11/05/20 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/04/20 10:59*	*11/05/20 04:38*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(80-120)	(79-133)	(71-155)	(80-120)
570-41940-1	MW-1,10	94	109	112	101
570-41940-2	MW-1,15	95	109	110	100
570-41940-3	MW-1,20	94	110	114	101
570-41940-4	MW-1,25	95	98	96	103
570-41940-5	MW-1,30	102	101	99	101
570-41940-6	MW-1,35	118	100	104	109
570-41940-7	MW-1,40	93	95	95	106
570-41940-8	MW-1,45	103	97	94	103
570-41940-9	MW-1,50	107	96	93	102
570-41940-10	MW-1,55	102	96	92	102
570-41940-11	MW-1,60	100	96	93	102
570-41940-12	MW-1,65	101	102	105	100
570-41940-13	MW-1,70	96	106	109	100
570-41940-14	MW-1,75	94	112	117	100
570-41940-15	MW-1,80	99	109	111	100
570-41940-16	MW-1,85	93	104	110	100
570-41940-17	MW-1,90	96	106	110	101
570-41940-18	MW-1,95	92	105	110	101
570-41940-19	MW-1,100	92	102	109	104
570-41940-20	MW-1,105	96	110	113	101
570-41940-21	MW-1,110	96	109	109	100
570-41940-22	MW-1,115	98	109	111	104
570-41940-23	MW-1,120	93	110	116	99
570-41940-24	MW-1,125	95	109	112	100
570-41940-25	MW-1,130	96	111	113	101
570-41940-26	MW-1,135	99	111	112	103
570-41940-27	MW-1,140	95	111	115	100
570-41940-28	MW-1,145	100	106	104	102
570-41940-29	MW-1,150	99	106	106	102
LCS 570-106031/3	Lab Control Sample	102	100	98	102
LCS 570-106119/5	Lab Control Sample	104	102	101	101
LCS 570-106555/4	Lab Control Sample	103	101	102	101
LCSD 570-106031/4	Lab Control Sample Dup	101	102	100	100
LCSD 570-106119/6	Lab Control Sample Dup	101	105	104	99
LCSD 570-106555/5	Lab Control Sample Dup	103	102	102	100
MB 570-106031/6	Method Blank	94	104	105	100
MB 570-106119/8	Method Blank	94	107	108	101
MB 570-106119/9	Method Blank	98	103	105	102
MB 570-106555/7	Method Blank	90	109	112	97
MB 570-106555/8	Method Blank	96	104	105	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	BFB1 (42-126)							
570-41940-1	MW-1,10	91							
570-41940-2	MW-1,15	78							
570-41940-3	MW-1,20	91							
570-41940-4	MW-1,25	74							
570-41940-5	MW-1,30	70							
570-41940-6	MW-1,35	76							
570-41940-7	MW-1,40	68							
570-41940-8	MW-1,45	68							
570-41940-9	MW-1,50	66							
570-41940-10	MW-1,55	67							
570-41940-11	MW-1,60	70							
570-41940-12	MW-1,65	62							
570-41940-13	MW-1,70	92							
570-41940-14	MW-1,75	93							
570-41940-15	MW-1,80	78							
570-41940-16	MW-1,85	91							
570-41940-17	MW-1,90	93							
570-41940-18	MW-1,95	94							
570-41940-19	MW-1,100	81							
570-41940-20	MW-1,105	91							
570-41940-21	MW-1,110	92							
570-41940-22	MW-1,115	70							
570-41940-23	MW-1,120	89							
570-41940-24	MW-1,125	91							
570-41940-25	MW-1,130	89							
570-41940-26	MW-1,135	96							
570-41940-27	MW-1,140	93							
570-41940-28	MW-1,145	79							
570-41940-29	MW-1,150	73							
LCS 570-106615/3	Lab Control Sample	98							
LCS 570-106676/35	Lab Control Sample	99							
LCS 570-106993/3	Lab Control Sample	97							
LCS 570-107230/27	Lab Control Sample	103							
LCSD 570-106615/4	Lab Control Sample Dup	101							
LCSD 570-106676/36	Lab Control Sample Dup	100							
LCSD 570-106993/4	Lab Control Sample Dup	96							
LCSD 570-107230/28	Lab Control Sample Dup	101							
MB 570-106615/5	Method Blank	89							
MB 570-106676/37	Method Blank	90							
MB 570-106676/38	Method Blank	85							
MB 570-106993/5	Method Blank	87							
MB 570-107230/29	Method Blank	84							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)						
570-41918-G-18-C MS	Matrix Spike	96						
570-41918-G-18-D MSD	Matrix Spike Duplicate	103						
570-41940-1	MW-1,10	114						
570-41940-2	MW-1,15	108						
570-41940-3	MW-1,20	107						
570-41940-4	MW-1,25	109						
570-41940-5	MW-1,30	113						
570-41940-6	MW-1,35	105						
570-41940-7	MW-1,40	115						
570-41940-8	MW-1,45	103						
570-41940-9	MW-1,50	109						
570-41940-10	MW-1,55	106						
570-41940-11	MW-1,60	94						
570-41940-11 MS	MW-1,60	91						
570-41940-11 MSD	MW-1,60	96						
570-41940-12	MW-1,65	97						
570-41940-13	MW-1,70	86						
570-41940-14	MW-1,75	94						
570-41940-15	MW-1,80	94						
570-41940-16	MW-1,85	100						
570-41940-17	MW-1,90	92						
570-41940-18	MW-1,95	91						
570-41940-19	MW-1,100	85						
570-41940-20	MW-1,105	92						
570-41940-21	MW-1,110	94						
570-41940-22	MW-1,115	93						
570-41940-23	MW-1,120	90						
570-41940-24	MW-1,125	100						
570-41940-25	MW-1,130	96						
570-41940-26	MW-1,135	93						
570-41940-27	MW-1,140	94						
570-41940-29	MW-1,150	93						
LCS 570-106818/2-A	Lab Control Sample	92						
LCS 570-106822/2-A	Lab Control Sample	94						
LCSD 570-106818/3-A	Lab Control Sample Dup	92						
LCSD 570-106822/3-A	Lab Control Sample Dup	103						
MB 570-106818/1-A	Method Blank	105						
MB 570-106822/1-A	Method Blank	103						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-106031/6
Matrix: Solid
Analysis Batch: 106031

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/30/20 22:53	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/30/20 22:53	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/30/20 22:53	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/30/20 22:53	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/30/20 22:53	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/30/20 22:53	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/30/20 22:53	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/30/20 22:53	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/30/20 22:53	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/30/20 22:53	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/30/20 22:53	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/30/20 22:53	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/30/20 22:53	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/30/20 22:53	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/30/20 22:53	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/30/20 22:53	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/30/20 22:53	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/30/20 22:53	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/30/20 22:53	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/30/20 22:53	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/30/20 22:53	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/30/20 22:53	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/30/20 22:53	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/30/20 22:53	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/30/20 22:53	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/30/20 22:53	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/30/20 22:53	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/30/20 22:53	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/30/20 22:53	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/30/20 22:53	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/30/20 22:53	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/30/20 22:53	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/30/20 22:53	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/30/20 22:53	1
Ethanol	ND		0.25	0.066	mg/Kg			10/30/20 22:53	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/30/20 22:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/30/20 22:53	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/30/20 22:53	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/30/20 22:53	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/30/20 22:53	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/30/20 22:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/30/20 22:53	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/30/20 22:53	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/30/20 22:53	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/30/20 22:53	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/30/20 22:53	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/30/20 22:53	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/30/20 22:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106031/6
Matrix: Solid
Analysis Batch: 106031

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/30/20 22:53	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/30/20 22:53	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/30/20 22:53	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/30/20 22:53	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/30/20 22:53	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/30/20 22:53	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/30/20 22:53	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/30/20 22:53	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/30/20 22:53	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/30/20 22:53	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/30/20 22:53	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/30/20 22:53	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/30/20 22:53	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/30/20 22:53	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/30/20 22:53	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/30/20 22:53	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/30/20 22:53	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/30/20 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/30/20 22:53	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/30/20 22:53	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/30/20 22:53	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/30/20 22:53	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/30/20 22:53	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/30/20 22:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/30/20 22:53*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*		*10/30/20 22:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*		*10/30/20 22:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/30/20 22:53*	*1*

Lab Sample ID: LCS 570-106031/3
Matrix: Solid
Analysis Batch: 106031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04835		mg/Kg		97	79 - 120
Carbon tetrachloride	0.0500	0.04990		mg/Kg		100	58 - 142
Chlorobenzene	0.0500	0.05001		mg/Kg		100	80 - 120
1,2-Dibromoethane	0.0500	0.05171		mg/Kg		103	80 - 120
1,2-Dichlorobenzene	0.0500	0.04927		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0500	0.04969		mg/Kg		99	79 - 121
1,1-Dichloroethene	0.0500	0.04402		mg/Kg		88	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.04895		mg/Kg		98	65 - 131
Ethanol	0.500	0.4524		mg/Kg		90	32 - 158
Ethylbenzene	0.0500	0.04980		mg/Kg		100	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.04908		mg/Kg		98	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04768		mg/Kg		95	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-106031/3
Matrix: Solid
Analysis Batch: 106031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			0.100	0.1004		mg/Kg		100	80 - 122		
o-Xylene			0.0500	0.05140		mg/Kg		103	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-106031/4
Matrix: Solid
Analysis Batch: 106031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04752		mg/Kg		95	79 - 120	2	20
Carbon tetrachloride			0.0500	0.04959		mg/Kg		99	58 - 142	1	20
Chlorobenzene			0.0500	0.05024		mg/Kg		100	80 - 120	0	20
1,2-Dibromoethane			0.0500	0.05182		mg/Kg		104	80 - 120	0	20
1,2-Dichlorobenzene			0.0500	0.05002		mg/Kg		100	80 - 120	2	20
1,2-Dichloroethane			0.0500	0.04966		mg/Kg		99	79 - 121	0	20
1,1-Dichloroethene			0.0500	0.04418		mg/Kg		88	71 - 125	0	20
Di-isopropyl ether (DIPE)			0.0500	0.04894		mg/Kg		98	65 - 131	0	20
Ethanol			0.500	0.4093		mg/Kg		82	32 - 158	10	27
Ethylbenzene			0.0500	0.04949		mg/Kg		99	57 - 153	1	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04976		mg/Kg		100	58 - 136	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04816		mg/Kg		96	64 - 124	1	20
m,p-Xylene			0.100	0.1000		mg/Kg		100	80 - 122	0	20
o-Xylene			0.0500	0.05054		mg/Kg		101	79 - 127	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-106119/8
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			10/31/20 14:27	1
Benzene	ND		0.0010	0.00026	mg/Kg			10/31/20 14:27	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			10/31/20 14:27	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			10/31/20 14:27	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			10/31/20 14:27	1
Bromoform	ND		0.0050	0.0013	mg/Kg			10/31/20 14:27	1
Bromomethane	ND		0.020	0.0066	mg/Kg			10/31/20 14:27	1
2-Butanone	ND		0.020	0.0045	mg/Kg			10/31/20 14:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106119/8
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.010	0.00040	mg/Kg			10/31/20 14:27	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			10/31/20 14:27	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			10/31/20 14:27	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			10/31/20 14:27	1
Chloroform	ND		0.0010	0.00059	mg/Kg			10/31/20 14:27	1
Chloromethane	ND		0.020	0.0015	mg/Kg			10/31/20 14:27	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			10/31/20 14:27	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			10/31/20 14:27	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			10/31/20 14:27	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			10/31/20 14:27	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			10/31/20 14:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			10/31/20 14:27	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			10/31/20 14:27	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			10/31/20 14:27	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/31/20 14:27	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			10/31/20 14:27	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			10/31/20 14:27	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			10/31/20 14:27	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/31/20 14:27	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			10/31/20 14:27	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			10/31/20 14:27	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			10/31/20 14:27	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			10/31/20 14:27	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			10/31/20 14:27	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			10/31/20 14:27	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			10/31/20 14:27	1
Ethanol	ND		0.25	0.066	mg/Kg			10/31/20 14:27	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			10/31/20 14:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			10/31/20 14:27	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			10/31/20 14:27	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			10/31/20 14:27	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			10/31/20 14:27	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			10/31/20 14:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			10/31/20 14:27	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			10/31/20 14:27	1
Naphthalene	ND		0.010	0.0052	mg/Kg			10/31/20 14:27	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			10/31/20 14:27	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			10/31/20 14:27	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			10/31/20 14:27	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			10/31/20 14:27	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			10/31/20 14:27	1
Styrene	ND		0.0010	0.00070	mg/Kg			10/31/20 14:27	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			10/31/20 14:27	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			10/31/20 14:27	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			10/31/20 14:27	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			10/31/20 14:27	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			10/31/20 14:27	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			10/31/20 14:27	1
Toluene	ND		0.0010	0.00060	mg/Kg			10/31/20 14:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106119/8
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			10/31/20 14:27	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			10/31/20 14:27	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			10/31/20 14:27	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			10/31/20 14:27	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			10/31/20 14:27	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			10/31/20 14:27	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			10/31/20 14:27	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			10/31/20 14:27	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			10/31/20 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			10/31/20 14:27	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/31/20 14:27	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			10/31/20 14:27	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			10/31/20 14:27	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			10/31/20 14:27	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			10/31/20 14:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/31/20 14:27*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*		*10/31/20 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 155*		*10/31/20 14:27*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/31/20 14:27*	*1*

Lab Sample ID: MB 570-106119/9
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1.0	0.49	mg/Kg			10/31/20 14:56	50
Benzene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
Bromobenzene	ND		0.050	0.010	mg/Kg			10/31/20 14:56	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			10/31/20 14:56	50
Bromodichloromethane	ND		0.050	0.0080	mg/Kg			10/31/20 14:56	50
Bromoform	ND		0.25	0.066	mg/Kg			10/31/20 14:56	50
Bromomethane	ND		1.0	0.33	mg/Kg			10/31/20 14:56	50
2-Butanone	ND		1.0	0.23	mg/Kg			10/31/20 14:56	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			10/31/20 14:56	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
Chloroethane	ND		0.10	0.075	mg/Kg			10/31/20 14:56	50
Chloroform	ND		0.050	0.029	mg/Kg			10/31/20 14:56	50
Chloromethane	ND		1.0	0.077	mg/Kg			10/31/20 14:56	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			10/31/20 14:56	50
c-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			10/31/20 14:56	50
c-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			10/31/20 14:56	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			10/31/20 14:56	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.34	mg/Kg			10/31/20 14:56	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			10/31/20 14:56	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106119/9
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			10/31/20 14:56	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			10/31/20 14:56	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			10/31/20 14:56	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			10/31/20 14:56	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			10/31/20 14:56	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			10/31/20 14:56	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			10/31/20 14:56	50
Ethanol	ND		13	3.3	mg/Kg			10/31/20 14:56	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			10/31/20 14:56	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			10/31/20 14:56	50
2-Hexanone	ND		1.0	0.15	mg/Kg			10/31/20 14:56	50
Isopropylbenzene	ND		0.050	0.030	mg/Kg			10/31/20 14:56	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			10/31/20 14:56	50
4-Methyl-2-pentanone	ND		1.0	0.15	mg/Kg			10/31/20 14:56	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			10/31/20 14:56	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			10/31/20 14:56	50
Naphthalene	ND		0.50	0.26	mg/Kg			10/31/20 14:56	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			10/31/20 14:56	50
N-Propylbenzene	ND		0.10	0.030	mg/Kg			10/31/20 14:56	50
o-Xylene	ND		0.050	0.030	mg/Kg			10/31/20 14:56	50
p-Isopropyltoluene	ND		0.050	0.035	mg/Kg			10/31/20 14:56	50
sec-Butylbenzene	ND		0.050	0.030	mg/Kg			10/31/20 14:56	50
Styrene	ND		0.050	0.035	mg/Kg			10/31/20 14:56	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			10/31/20 14:56	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			10/31/20 14:56	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			10/31/20 14:56	50
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			10/31/20 14:56	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			10/31/20 14:56	50
Toluene	ND		0.050	0.030	mg/Kg			10/31/20 14:56	50
t-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			10/31/20 14:56	50
t-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			10/31/20 14:56	50
1,2,3-Trichlorobenzene	ND		0.10	0.050	mg/Kg			10/31/20 14:56	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			10/31/20 14:56	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			10/31/20 14:56	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			10/31/20 14:56	50
Trichloroethene	ND		0.10	0.019	mg/Kg			10/31/20 14:56	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			10/31/20 14:56	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			10/31/20 14:56	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			10/31/20 14:56	50
1,2,4-Trimethylbenzene	ND		0.10	0.030	mg/Kg			10/31/20 14:56	50
1,3,5-Trimethylbenzene	ND		0.10	0.030	mg/Kg			10/31/20 14:56	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			10/31/20 14:56	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106119/9
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.050	0.019	mg/Kg			10/31/20 14:56	50
Xylenes, Total	ND		0.15	0.035	mg/Kg			10/31/20 14:56	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/31/20 14:56*	*50*
Dibromofluoromethane (Surr)	*103*		*79 - 133*		*10/31/20 14:56*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*		*10/31/20 14:56*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/31/20 14:56*	*50*

Lab Sample ID: LCS 570-106119/5
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04925		mg/Kg		99	79 - 120
Carbon tetrachloride	0.0500	0.05412		mg/Kg		108	58 - 142
Chlorobenzene	0.0500	0.05226		mg/Kg		105	80 - 120
1,2-Dibromoethane	0.0500	0.05299		mg/Kg		106	80 - 120
1,2-Dichlorobenzene	0.0500	0.05139		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0500	0.05279		mg/Kg		106	79 - 121
1,1-Dichloroethene	0.0500	0.04677		mg/Kg		94	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.04909		mg/Kg		98	65 - 131
Ethanol	0.500	0.4559		mg/Kg		91	32 - 158
Ethylbenzene	0.0500	0.05178		mg/Kg		104	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.05018		mg/Kg		100	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04944		mg/Kg		99	64 - 124
m,p-Xylene	0.100	0.1047		mg/Kg		105	80 - 122
o-Xylene	0.0500	0.05292		mg/Kg		106	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-106119/6
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04606		mg/Kg		92	79 - 120	7	20
Carbon tetrachloride	0.0500	0.05137		mg/Kg		103	58 - 142	5	20
Chlorobenzene	0.0500	0.04953		mg/Kg		99	80 - 120	5	20
1,2-Dibromoethane	0.0500	0.04990		mg/Kg		100	80 - 120	6	20
1,2-Dichlorobenzene	0.0500	0.04868		mg/Kg		97	80 - 120	5	20
1,2-Dichloroethane	0.0500	0.05057		mg/Kg		101	79 - 121	4	20
1,1-Dichloroethene	0.0500	0.04413		mg/Kg		88	71 - 125	6	20
Di-isopropyl ether (DIPE)	0.0500	0.04767		mg/Kg		95	65 - 131	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-106119/6
Matrix: Solid
Analysis Batch: 106119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethanol			0.500	0.4107		mg/Kg		82	32 - 158	10	27
Ethylbenzene			0.0500	0.04869		mg/Kg		97	57 - 153	6	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04835		mg/Kg		97	58 - 136	4	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04702		mg/Kg		94	64 - 124	5	20
m,p-Xylene			0.100	0.09850		mg/Kg		99	80 - 122	6	20
o-Xylene			0.0500	0.05024		mg/Kg		100	79 - 127	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 155*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-106555/7
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			11/03/20 11:16	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/03/20 11:16	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/03/20 11:16	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/03/20 11:16	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			11/03/20 11:16	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/03/20 11:16	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/03/20 11:16	1
2-Butanone	ND		0.020	0.0045	mg/Kg			11/03/20 11:16	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/03/20 11:16	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/03/20 11:16	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/03/20 11:16	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			11/03/20 11:16	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/03/20 11:16	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/03/20 11:16	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/03/20 11:16	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/03/20 11:16	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/03/20 11:16	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/03/20 11:16	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/03/20 11:16	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			11/03/20 11:16	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/03/20 11:16	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/03/20 11:16	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/03/20 11:16	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/03/20 11:16	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/03/20 11:16	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/03/20 11:16	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/03/20 11:16	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/03/20 11:16	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/03/20 11:16	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/03/20 11:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106555/7
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/03/20 11:16	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/03/20 11:16	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/03/20 11:16	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/03/20 11:16	1
Ethanol	ND		0.25	0.066	mg/Kg			11/03/20 11:16	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/03/20 11:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/03/20 11:16	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/03/20 11:16	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			11/03/20 11:16	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/03/20 11:16	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			11/03/20 11:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/03/20 11:16	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/03/20 11:16	1
Naphthalene	ND		0.010	0.0052	mg/Kg			11/03/20 11:16	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/03/20 11:16	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			11/03/20 11:16	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			11/03/20 11:16	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			11/03/20 11:16	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			11/03/20 11:16	1
Styrene	ND		0.0010	0.00070	mg/Kg			11/03/20 11:16	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/03/20 11:16	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/03/20 11:16	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/03/20 11:16	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/03/20 11:16	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/03/20 11:16	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/03/20 11:16	1
Toluene	ND		0.0010	0.00060	mg/Kg			11/03/20 11:16	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/03/20 11:16	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/03/20 11:16	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			11/03/20 11:16	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/03/20 11:16	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/03/20 11:16	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/03/20 11:16	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/03/20 11:16	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/03/20 11:16	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/03/20 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/03/20 11:16	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/03/20 11:16	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/03/20 11:16	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/03/20 11:16	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/03/20 11:16	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			11/03/20 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*11/03/20 11:16*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*		*11/03/20 11:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*		*11/03/20 11:16*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/03/20 11:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106555/8
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1.0	0.49	mg/Kg			11/03/20 11:44	50
Benzene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
Bromobenzene	ND		0.050	0.010	mg/Kg			11/03/20 11:44	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			11/03/20 11:44	50
Bromodichloromethane	ND		0.050	0.0080	mg/Kg			11/03/20 11:44	50
Bromoform	ND		0.25	0.066	mg/Kg			11/03/20 11:44	50
Bromomethane	ND		1.0	0.33	mg/Kg			11/03/20 11:44	50
2-Butanone	ND		1.0	0.23	mg/Kg			11/03/20 11:44	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			11/03/20 11:44	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
Chloroethane	ND		0.10	0.075	mg/Kg			11/03/20 11:44	50
Chloroform	ND		0.050	0.029	mg/Kg			11/03/20 11:44	50
Chloromethane	ND		1.0	0.077	mg/Kg			11/03/20 11:44	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			11/03/20 11:44	50
c-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			11/03/20 11:44	50
c-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			11/03/20 11:44	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			11/03/20 11:44	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.34	mg/Kg			11/03/20 11:44	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			11/03/20 11:44	50
Dibromomethane	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			11/03/20 11:44	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			11/03/20 11:44	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			11/03/20 11:44	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			11/03/20 11:44	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			11/03/20 11:44	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			11/03/20 11:44	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			11/03/20 11:44	50
Ethanol	ND		13	3.3	mg/Kg			11/03/20 11:44	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			11/03/20 11:44	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			11/03/20 11:44	50
2-Hexanone	ND		1.0	0.15	mg/Kg			11/03/20 11:44	50
Isopropylbenzene	ND		0.050	0.030	mg/Kg			11/03/20 11:44	50
Methylene Chloride	0.1739	J	0.50	0.16	mg/Kg			11/03/20 11:44	50
4-Methyl-2-pentanone	ND		1.0	0.15	mg/Kg			11/03/20 11:44	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			11/03/20 11:44	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			11/03/20 11:44	50
Naphthalene	ND		0.50	0.26	mg/Kg			11/03/20 11:44	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			11/03/20 11:44	50
N-Propylbenzene	ND		0.10	0.030	mg/Kg			11/03/20 11:44	50
o-Xylene	ND		0.050	0.030	mg/Kg			11/03/20 11:44	50
p-Isopropyltoluene	ND		0.050	0.035	mg/Kg			11/03/20 11:44	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-106555/8
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.050	0.030	mg/Kg			11/03/20 11:44	50
Styrene	ND		0.050	0.035	mg/Kg			11/03/20 11:44	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			11/03/20 11:44	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			11/03/20 11:44	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			11/03/20 11:44	50
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			11/03/20 11:44	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			11/03/20 11:44	50
Toluene	ND		0.050	0.030	mg/Kg			11/03/20 11:44	50
t-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			11/03/20 11:44	50
t-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			11/03/20 11:44	50
1,2,3-Trichlorobenzene	ND		0.10	0.050	mg/Kg			11/03/20 11:44	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			11/03/20 11:44	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			11/03/20 11:44	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			11/03/20 11:44	50
Trichloroethene	ND		0.10	0.019	mg/Kg			11/03/20 11:44	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			11/03/20 11:44	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			11/03/20 11:44	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			11/03/20 11:44	50
1,2,4-Trimethylbenzene	ND		0.10	0.030	mg/Kg			11/03/20 11:44	50
1,3,5-Trimethylbenzene	ND		0.10	0.030	mg/Kg			11/03/20 11:44	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			11/03/20 11:44	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			11/03/20 11:44	50
Xylenes, Total	ND		0.15	0.035	mg/Kg			11/03/20 11:44	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/03/20 11:44*	*50*
Dibromofluoromethane (Surr)	*104*		*79 - 133*		*11/03/20 11:44*	*50*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*		*11/03/20 11:44*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/03/20 11:44*	*50*

Lab Sample ID: LCS 570-106555/4
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04581		mg/Kg		92	79 - 120
Carbon tetrachloride	0.0500	0.05179		mg/Kg		104	58 - 142
Chlorobenzene	0.0500	0.04933		mg/Kg		99	80 - 120
1,2-Dibromoethane	0.0500	0.04988		mg/Kg		100	80 - 120
1,2-Dichlorobenzene	0.0500	0.04905		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0500	0.05035		mg/Kg		101	79 - 121
1,1-Dichloroethene	0.0500	0.04598		mg/Kg		92	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.04336		mg/Kg		87	65 - 131
Ethanol	0.500	0.4515		mg/Kg		90	32 - 158
Ethylbenzene	0.0500	0.04871		mg/Kg		97	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.04437		mg/Kg		89	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04459		mg/Kg		89	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-106555/4
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	0.100	0.1005		mg/Kg		100	80 - 122
o-Xylene	0.0500	0.05004		mg/Kg		100	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-106555/5
Matrix: Solid
Analysis Batch: 106555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04605		mg/Kg		92	79 - 120	1	20
Carbon tetrachloride	0.0500	0.05186		mg/Kg		104	58 - 142	0	20
Chlorobenzene	0.0500	0.04985		mg/Kg		100	80 - 120	1	20
1,2-Dibromoethane	0.0500	0.05026		mg/Kg		101	80 - 120	1	20
1,2-Dichlorobenzene	0.0500	0.04931		mg/Kg		99	80 - 120	1	20
1,2-Dichloroethane	0.0500	0.05017		mg/Kg		100	79 - 121	0	20
1,1-Dichloroethene	0.0500	0.04729		mg/Kg		95	71 - 125	3	20
Di-isopropyl ether (DIPE)	0.0500	0.04490		mg/Kg		90	65 - 131	4	20
Ethanol	0.500	0.4277		mg/Kg		86	32 - 158	5	27
Ethylbenzene	0.0500	0.04895		mg/Kg		98	57 - 153	0	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.04552		mg/Kg		91	58 - 136	3	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04571		mg/Kg		91	64 - 124	2	20
m,p-Xylene	0.100	0.1003		mg/Kg		100	80 - 122	0	20
o-Xylene	0.0500	0.05043		mg/Kg		101	79 - 127	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-106615/5
Matrix: Solid
Analysis Batch: 106615

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg			11/03/20 13:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*		*11/03/20 13:14*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-106615/3
Matrix: Solid
Analysis Batch: 106615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.01	2.113		mg/Kg		105	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*42 - 126*

Lab Sample ID: LCSD 570-106615/4
Matrix: Solid
Analysis Batch: 106615

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	2.073		mg/Kg		103	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Lab Sample ID: MB 570-106676/37
Matrix: Solid
Analysis Batch: 106676

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg			11/04/20 01:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*		*11/04/20 01:41*	*1*

Lab Sample ID: MB 570-106676/38
Matrix: Solid
Analysis Batch: 106676

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		2.0	1.1	mg/Kg			11/04/20 02:04	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*42 - 126*		*11/04/20 02:04*	*20*

Lab Sample ID: LCS 570-106676/35
Matrix: Solid
Analysis Batch: 106676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.02	1.851		mg/Kg		92	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-106676/36
Matrix: Solid
Analysis Batch: 106676

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.02	1.869		mg/Kg		93	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*

Lab Sample ID: MB 570-106993/5
Matrix: Solid
Analysis Batch: 106993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg			11/04/20 15:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*42 - 126*		*11/04/20 15:40*	*1*

Lab Sample ID: LCS 570-106993/3
Matrix: Solid
Analysis Batch: 106993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.01	1.833		mg/Kg		91	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*

Lab Sample ID: LCSD 570-106993/4
Matrix: Solid
Analysis Batch: 106993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	1.888		mg/Kg		94	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Lab Sample ID: MB 570-107230/29
Matrix: Solid
Analysis Batch: 107230

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg			11/05/20 10:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*		*11/05/20 10:22*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-107230/27
Matrix: Solid
Analysis Batch: 107230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.00	2.013		mg/Kg		101	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*42 - 126*

Lab Sample ID: LCSD 570-107230/28
Matrix: Solid
Analysis Batch: 107230

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	2.077		mg/Kg		104	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-106818/1-A
Matrix: Solid
Analysis Batch: 106981

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/03/20 20:27	11/04/20 18:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*61 - 145*	*11/03/20 20:27*	*11/04/20 18:30*	*1*

Lab Sample ID: LCS 570-106818/2-A
Matrix: Solid
Analysis Batch: 106981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106818

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	422.2		mg/Kg		106	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: LCSD 570-106818/3-A
Matrix: Solid
Analysis Batch: 106981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106818

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	396.6		mg/Kg		99	67 - 121	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-41918-G-18-C MS
Matrix: Solid
Analysis Batch: 106981

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	170		396	543.1		mg/Kg		93	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*61 - 145*

Lab Sample ID: 570-41918-G-18-D MSD
Matrix: Solid
Analysis Batch: 106981

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 106818

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	170		387	583.0		mg/Kg		106	33 - 153	7	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*103*		*61 - 145*

Lab Sample ID: MB 570-106822/1-A
Matrix: Solid
Analysis Batch: 106908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/04/20 10:59	11/04/20 20:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*11/04/20 10:59*	*11/04/20 20:46*	*1*

Lab Sample ID: LCS 570-106822/2-A
Matrix: Solid
Analysis Batch: 106908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106822

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	342.9		mg/Kg		86	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*61 - 145*

Lab Sample ID: LCSD 570-106822/3-A
Matrix: Solid
Analysis Batch: 106908

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106822

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	375.4		mg/Kg		94	67 - 121	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*103*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-41940-11 MS
Matrix: Solid
Analysis Batch: 106908

Client Sample ID: MW-1,60
Prep Type: Total/NA
Prep Batch: 106822

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	1300	Z F1	392	2220	E F1	mg/Kg		236	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

Lab Sample ID: 570-41940-11 MSD
Matrix: Solid
Analysis Batch: 106908

Client Sample ID: MW-1,60
Prep Type: Total/NA
Prep Batch: 106822

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	1300	Z F1	412	2020	E F1	mg/Kg		176	33 - 153	9	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*61 - 145*

GC/MS VOA

Prep Batch: 104434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	5035	
570-41940-2	MW-1,15	Total/NA	Solid	5035	
570-41940-3	MW-1,20	Total/NA	Solid	5035	
570-41940-6	MW-1,35	Total/NA	Solid	5035	
570-41940-12	MW-1,65	Total/NA	Solid	5035	
570-41940-13	MW-1,70	Total/NA	Solid	5035	
570-41940-14	MW-1,75	Total/NA	Solid	5035	
570-41940-15	MW-1,80	Total/NA	Solid	5035	
570-41940-16	MW-1,85	Total/NA	Solid	5035	
570-41940-17	MW-1,90	Total/NA	Solid	5035	
570-41940-18	MW-1,95	Total/NA	Solid	5035	
570-41940-19	MW-1,100	Total/NA	Solid	5035	
570-41940-20	MW-1,105	Total/NA	Solid	5035	
570-41940-21	MW-1,110	Total/NA	Solid	5035	
570-41940-22	MW-1,115	Total/NA	Solid	5035	
570-41940-23	MW-1,120	Total/NA	Solid	5035	
570-41940-24	MW-1,125	Total/NA	Solid	5035	
570-41940-25	MW-1,130	Total/NA	Solid	5035	
570-41940-26	MW-1,135	Total/NA	Solid	5035	
570-41940-27	MW-1,140	Total/NA	Solid	5035	
570-41940-28	MW-1,145	Total/NA	Solid	5035	
570-41940-29	MW-1,150	Total/NA	Solid	5035	

Prep Batch: 104439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-4	MW-1,25	Total/NA	Solid	5035	
570-41940-5	MW-1,30	Total/NA	Solid	5035	
570-41940-7	MW-1,40	Total/NA	Solid	5035	
570-41940-8	MW-1,45	Total/NA	Solid	5035	
570-41940-9	MW-1,50	Total/NA	Solid	5035	
570-41940-10	MW-1,55	Total/NA	Solid	5035	
570-41940-11	MW-1,60	Total/NA	Solid	5035	

Analysis Batch: 106031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	8260B	104434
570-41940-2	MW-1,15	Total/NA	Solid	8260B	104434
570-41940-3	MW-1,20	Total/NA	Solid	8260B	104434
570-41940-13	MW-1,70	Total/NA	Solid	8260B	104434
570-41940-14	MW-1,75	Total/NA	Solid	8260B	104434
570-41940-15	MW-1,80	Total/NA	Solid	8260B	104434
570-41940-16	MW-1,85	Total/NA	Solid	8260B	104434
570-41940-17	MW-1,90	Total/NA	Solid	8260B	104434
570-41940-18	MW-1,95	Total/NA	Solid	8260B	104434
570-41940-20	MW-1,105	Total/NA	Solid	8260B	104434
MB 570-106031/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-106031/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-106031/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS VOA

Analysis Batch: 106119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-4	MW-1,25	Total/NA	Solid	8260B	104439
570-41940-6	MW-1,35	Total/NA	Solid	8260B	104434
570-41940-12	MW-1,65	Total/NA	Solid	8260B	104434
570-41940-19	MW-1,100	Total/NA	Solid	8260B	104434
570-41940-21	MW-1,110	Total/NA	Solid	8260B	104434
570-41940-22	MW-1,115	Total/NA	Solid	8260B	104434
570-41940-23	MW-1,120	Total/NA	Solid	8260B	104434
570-41940-24	MW-1,125	Total/NA	Solid	8260B	104434
570-41940-25	MW-1,130	Total/NA	Solid	8260B	104434
570-41940-26	MW-1,135	Total/NA	Solid	8260B	104434
570-41940-27	MW-1,140	Total/NA	Solid	8260B	104434
570-41940-28	MW-1,145	Total/NA	Solid	8260B	104434
MB 570-106119/8	Method Blank	Total/NA	Solid	8260B	
MB 570-106119/9	Method Blank	Total/NA	Solid	8260B	
LCS 570-106119/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-106119/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 106555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-5	MW-1,30	Total/NA	Solid	8260B	104439
570-41940-7	MW-1,40	Total/NA	Solid	8260B	104439
570-41940-8	MW-1,45	Total/NA	Solid	8260B	104439
570-41940-9	MW-1,50	Total/NA	Solid	8260B	104439
570-41940-10	MW-1,55	Total/NA	Solid	8260B	104439
570-41940-11	MW-1,60	Total/NA	Solid	8260B	104439
570-41940-29	MW-1,150	Total/NA	Solid	8260B	104434
MB 570-106555/7	Method Blank	Total/NA	Solid	8260B	
MB 570-106555/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-106555/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-106555/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 104434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	5035	
570-41940-2	MW-1,15	Total/NA	Solid	5035	
570-41940-3	MW-1,20	Total/NA	Solid	5035	
570-41940-6	MW-1,35	Total/NA	Solid	5035	
570-41940-12	MW-1,65	Total/NA	Solid	5035	
570-41940-13	MW-1,70	Total/NA	Solid	5035	
570-41940-14	MW-1,75	Total/NA	Solid	5035	
570-41940-15	MW-1,80	Total/NA	Solid	5035	
570-41940-16	MW-1,85	Total/NA	Solid	5035	
570-41940-17	MW-1,90	Total/NA	Solid	5035	
570-41940-18	MW-1,95	Total/NA	Solid	5035	
570-41940-19	MW-1,100	Total/NA	Solid	5035	
570-41940-20	MW-1,105	Total/NA	Solid	5035	
570-41940-21	MW-1,110	Total/NA	Solid	5035	
570-41940-22	MW-1,115	Total/NA	Solid	5035	
570-41940-23	MW-1,120	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 104434 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-24	MW-1,125	Total/NA	Solid	5035	
570-41940-25	MW-1,130	Total/NA	Solid	5035	
570-41940-26	MW-1,135	Total/NA	Solid	5035	
570-41940-27	MW-1,140	Total/NA	Solid	5035	
570-41940-28	MW-1,145	Total/NA	Solid	5035	
570-41940-29	MW-1,150	Total/NA	Solid	5035	

Prep Batch: 104439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-4	MW-1,25	Total/NA	Solid	5035	
570-41940-5	MW-1,30	Total/NA	Solid	5035	
570-41940-7	MW-1,40	Total/NA	Solid	5035	
570-41940-8	MW-1,45	Total/NA	Solid	5035	
570-41940-9	MW-1,50	Total/NA	Solid	5035	
570-41940-10	MW-1,55	Total/NA	Solid	5035	
570-41940-11	MW-1,60	Total/NA	Solid	5035	

Analysis Batch: 106615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	8015B	104434
570-41940-2	MW-1,15	Total/NA	Solid	8015B	104434
570-41940-3	MW-1,20	Total/NA	Solid	8015B	104434
570-41940-6	MW-1,35	Total/NA	Solid	8015B	104434
MB 570-106615/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-106615/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-106615/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 106676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-4	MW-1,25	Total/NA	Solid	8015B	104439
570-41940-5	MW-1,30	Total/NA	Solid	8015B	104439
570-41940-7	MW-1,40	Total/NA	Solid	8015B	104439
570-41940-8	MW-1,45	Total/NA	Solid	8015B	104439
570-41940-9	MW-1,50	Total/NA	Solid	8015B	104439
570-41940-10	MW-1,55	Total/NA	Solid	8015B	104439
570-41940-11	MW-1,60	Total/NA	Solid	8015B	104439
570-41940-13	MW-1,70	Total/NA	Solid	8015B	104434
570-41940-14	MW-1,75	Total/NA	Solid	8015B	104434
570-41940-16	MW-1,85	Total/NA	Solid	8015B	104434
570-41940-17	MW-1,90	Total/NA	Solid	8015B	104434
570-41940-18	MW-1,95	Total/NA	Solid	8015B	104434
570-41940-19	MW-1,100	Total/NA	Solid	8015B	104434
570-41940-20	MW-1,105	Total/NA	Solid	8015B	104434
570-41940-21	MW-1,110	Total/NA	Solid	8015B	104434
570-41940-22	MW-1,115	Total/NA	Solid	8015B	104434
570-41940-24	MW-1,125	Total/NA	Solid	8015B	104434
MB 570-106676/37	Method Blank	Total/NA	Solid	8015B	
MB 570-106676/38	Method Blank	Total/NA	Solid	8015B	
LCS 570-106676/35	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-106676/36	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC VOA

Analysis Batch: 106993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-23	MW-1,120	Total/NA	Solid	8015B	104434
570-41940-25	MW-1,130	Total/NA	Solid	8015B	104434
570-41940-26	MW-1,135	Total/NA	Solid	8015B	104434
570-41940-27	MW-1,140	Total/NA	Solid	8015B	104434
570-41940-28	MW-1,145	Total/NA	Solid	8015B	104434
570-41940-29	MW-1,150	Total/NA	Solid	8015B	104434
MB 570-106993/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-106993/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-106993/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 107230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-12	MW-1,65	Total/NA	Solid	8015B	104434
570-41940-15	MW-1,80	Total/NA	Solid	8015B	104434
MB 570-107230/29	Method Blank	Total/NA	Solid	8015B	
LCS 570-107230/27	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-107230/28	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 106818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	3550C	
570-41940-2	MW-1,15	Total/NA	Solid	3550C	
570-41940-3	MW-1,20	Total/NA	Solid	3550C	
570-41940-4	MW-1,25	Total/NA	Solid	3550C	
570-41940-5	MW-1,30	Total/NA	Solid	3550C	
570-41940-6	MW-1,35	Total/NA	Solid	3550C	
570-41940-7	MW-1,40	Total/NA	Solid	3550C	
570-41940-8	MW-1,45	Total/NA	Solid	3550C	
570-41940-9	MW-1,50	Total/NA	Solid	3550C	
570-41940-10	MW-1,55	Total/NA	Solid	3550C	
MB 570-106818/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-106818/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-106818/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-41918-G-18-C MS	Matrix Spike	Total/NA	Solid	3550C	
570-41918-G-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Prep Batch: 106822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-11	MW-1,60	Total/NA	Solid	3550C	
570-41940-12	MW-1,65	Total/NA	Solid	3550C	
570-41940-13	MW-1,70	Total/NA	Solid	3550C	
570-41940-14	MW-1,75	Total/NA	Solid	3550C	
570-41940-15	MW-1,80	Total/NA	Solid	3550C	
570-41940-16	MW-1,85	Total/NA	Solid	3550C	
570-41940-17	MW-1,90	Total/NA	Solid	3550C	
570-41940-18	MW-1,95	Total/NA	Solid	3550C	
570-41940-19	MW-1,100	Total/NA	Solid	3550C	
570-41940-20	MW-1,105	Total/NA	Solid	3550C	
570-41940-21	MW-1,110	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 106822 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-22	MW-1,115	Total/NA	Solid	3550C	
570-41940-23	MW-1,120	Total/NA	Solid	3550C	
570-41940-24	MW-1,125	Total/NA	Solid	3550C	
570-41940-25	MW-1,130	Total/NA	Solid	3550C	
570-41940-26	MW-1,135	Total/NA	Solid	3550C	
570-41940-27	MW-1,140	Total/NA	Solid	3550C	
570-41940-29	MW-1,150	Total/NA	Solid	3550C	
MB 570-106822/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-106822/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-106822/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-41940-11 MS	MW-1,60	Total/NA	Solid	3550C	
570-41940-11 MSD	MW-1,60	Total/NA	Solid	3550C	

Analysis Batch: 106908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-11	MW-1,60	Total/NA	Solid	8015B	106822
570-41940-12	MW-1,65	Total/NA	Solid	8015B	106822
570-41940-13	MW-1,70	Total/NA	Solid	8015B	106822
570-41940-14	MW-1,75	Total/NA	Solid	8015B	106822
570-41940-15	MW-1,80	Total/NA	Solid	8015B	106822
570-41940-16	MW-1,85	Total/NA	Solid	8015B	106822
570-41940-17	MW-1,90	Total/NA	Solid	8015B	106822
570-41940-18	MW-1,95	Total/NA	Solid	8015B	106822
570-41940-19	MW-1,100	Total/NA	Solid	8015B	106822
570-41940-20	MW-1,105	Total/NA	Solid	8015B	106822
570-41940-21	MW-1,110	Total/NA	Solid	8015B	106822
570-41940-22	MW-1,115	Total/NA	Solid	8015B	106822
570-41940-23	MW-1,120	Total/NA	Solid	8015B	106822
570-41940-24	MW-1,125	Total/NA	Solid	8015B	106822
570-41940-25	MW-1,130	Total/NA	Solid	8015B	106822
570-41940-26	MW-1,135	Total/NA	Solid	8015B	106822
570-41940-27	MW-1,140	Total/NA	Solid	8015B	106822
570-41940-29	MW-1,150	Total/NA	Solid	8015B	106822
MB 570-106822/1-A	Method Blank	Total/NA	Solid	8015B	106822
LCS 570-106822/2-A	Lab Control Sample	Total/NA	Solid	8015B	106822
LCSD 570-106822/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	106822
570-41940-11 MS	MW-1,60	Total/NA	Solid	8015B	106822
570-41940-11 MSD	MW-1,60	Total/NA	Solid	8015B	106822

Analysis Batch: 106981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-41940-1	MW-1,10	Total/NA	Solid	8015B	106818
570-41940-2	MW-1,15	Total/NA	Solid	8015B	106818
570-41940-3	MW-1,20	Total/NA	Solid	8015B	106818
570-41940-4	MW-1,25	Total/NA	Solid	8015B	106818
570-41940-5	MW-1,30	Total/NA	Solid	8015B	106818
570-41940-6	MW-1,35	Total/NA	Solid	8015B	106818
570-41940-7	MW-1,40	Total/NA	Solid	8015B	106818
570-41940-8	MW-1,45	Total/NA	Solid	8015B	106818
570-41940-9	MW-1,50	Total/NA	Solid	8015B	106818
570-41940-10	MW-1,55	Total/NA	Solid	8015B	106818

GC Semi VOA (Continued)

Analysis Batch: 106981 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-106818/1-A	Method Blank	Total/NA	Solid	8015B	106818
LCS 570-106818/2-A	Lab Control Sample	Total/NA	Solid	8015B	106818
LCSD 570-106818/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	106818
570-41918-G-18-C MS	Matrix Spike	Total/NA	Solid	8015B	106818
570-41918-G-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	106818

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,10

Date Collected: 10/23/20 09:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.12 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/30/20 23:21	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.90 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106615	11/03/20 19:51	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.45 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 03:37	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,15

Date Collected: 10/23/20 09:45
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.50 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/30/20 23:50	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.26 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106615	11/03/20 20:14	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.14 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 04:03	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,20

Date Collected: 10/23/20 09:50
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 00:18	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.17 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106615	11/03/20 20:38	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.25 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 04:29	UJ3K	ECL 1
	Instrument ID: GC70A									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,25

Date Collected: 10/23/20 09:55
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.28 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		250	5 mL	5 mL	106119	10/31/20 23:17	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			6.28 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		1000	5 mL	5 mL	106676	11/04/20 11:52	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.40 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 04:55	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,30

Date Collected: 10/23/20 10:05
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.70 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		1000	5 mL	5 mL	106555	11/03/20 20:21	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.70 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		1000	5 mL	5 mL	106676	11/04/20 12:15	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.30 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 05:21	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,35

Date Collected: 10/23/20 10:20
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.18 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 20:26	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.18 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106615	11/03/20 21:01	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.06 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 05:47	UJ3K	ECL 1
	Instrument ID: GC70A									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,40

Date Collected: 10/23/20 10:25
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.79 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	106555	11/03/20 17:59	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.79 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		50	5 mL	5 mL	106676	11/04/20 09:55	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.32 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 06:13	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,45

Date Collected: 10/23/20 10:30
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.50 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	106555	11/03/20 18:27	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.50 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		50	5 mL	5 mL	106676	11/04/20 10:18	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.05 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 06:39	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,50

Date Collected: 10/23/20 10:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.19 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		250	5 mL	5 mL	106555	11/03/20 18:56	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.19 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		250	5 mL	5 mL	106676	11/04/20 10:42	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.45 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 07:05	UJ3K	ECL 1
	Instrument ID: GC70A									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,55

Lab Sample ID: 570-41940-10

Date Collected: 10/23/20 10:45

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.22 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		250	5 mL	5 mL	106555	11/03/20 19:24	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.22 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		250	5 mL	5 mL	106676	11/04/20 11:05	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.20 g	10 mL	106818	11/03/20 20:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106981	11/05/20 07:31	UJ3K	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-1,60

Lab Sample ID: 570-41940-11

Date Collected: 10/23/20 10:55

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.06 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8260B		500	5 mL	5 mL	106555	11/03/20 19:52	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			6.06 g	5 mL	104439	10/24/20 15:13	HKC	ECL 2
Total/NA	Analysis	8015B		1000	5 mL	5 mL	106676	11/04/20 11:28	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.51 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/04/20 22:29	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,65

Lab Sample ID: 570-41940-12

Date Collected: 10/23/20 11:05

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.53 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 20:55	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.86 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107230	11/05/20 11:59	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.47 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/04/20 22:49	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,70

Lab Sample ID: 570-41940-13

Date Collected: 10/23/20 11:20

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.40 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 00:47	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.49 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 02:27	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.35 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/04/20 23:10	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,75

Lab Sample ID: 570-41940-14

Date Collected: 10/23/20 11:25

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.28 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 01:15	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.04 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 02:51	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.52 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/04/20 23:30	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,80

Lab Sample ID: 570-41940-15

Date Collected: 10/23/20 11:30

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.17 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 01:44	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			3.79 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107230	11/05/20 11:35	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.94 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/04/20 23:51	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,85

Lab Sample ID: 570-41940-16

Date Collected: 10/23/20 11:35

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.46 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 02:12	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.25 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 03:14	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.31 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 00:11	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,90

Lab Sample ID: 570-41940-17

Date Collected: 10/23/20 11:45

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.14 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 02:41	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.28 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 03:37	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.53 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 00:32	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,95

Lab Sample ID: 570-41940-18

Date Collected: 10/23/20 11:55

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.64 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 03:10	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.18 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 04:01	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.24 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 00:52	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,100

Lab Sample ID: 570-41940-19

Date Collected: 10/23/20 12:00

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.51 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 19:56	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.49 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 04:24	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.45 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 01:13	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,105

Lab Sample ID: 570-41940-20

Date Collected: 10/23/20 12:05

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.43 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106031	10/31/20 03:38	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.31 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 04:47	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.37 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 01:33	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,110

Lab Sample ID: 570-41940-21

Date Collected: 10/23/20 12:50

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.35 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 15:23	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.23 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 05:11	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.51 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 02:14	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,115

Lab Sample ID: 570-41940-22

Date Collected: 10/23/20 13:00

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.48 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 15:51	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.73 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 05:34	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.50 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 02:35	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,120

Lab Sample ID: 570-41940-23

Date Collected: 10/23/20 13:05

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.83 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 17:37	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.64 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/04/20 21:01	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.60 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 02:55	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,125

Lab Sample ID: 570-41940-24

Date Collected: 10/23/20 13:10

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.86 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 18:04	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.67 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106676	11/04/20 09:31	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.20 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 03:16	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,130

Lab Sample ID: 570-41940-25

Date Collected: 10/23/20 13:20

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.52 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 18:32	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.43 g	5 mL	104434	10/24/20 15:04	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/04/20 22:11	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.99 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 03:37	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,135

Lab Sample ID: 570-41940-26

Date Collected: 10/23/20 13:25

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.24 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 19:28	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.29 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/04/20 22:35	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.01 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 03:57	UJ3K	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-1,140

Lab Sample ID: 570-41940-27

Date Collected: 10/23/20 13:30

Matrix: Solid

Date Received: 10/23/20 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.31 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 19:00	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.98 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/04/20 22:58	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.00 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 04:18	UJ3K	ECL 1
	Instrument ID: GC48									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Client Sample ID: MW-1,145

Date Collected: 10/23/20 13:35
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106119	10/31/20 21:23	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.91 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/04/20 23:21	HKC	ECL 2
	Instrument ID: GC22									

Client Sample ID: MW-1,150

Date Collected: 10/23/20 13:40
Date Received: 10/23/20 18:55

Lab Sample ID: 570-41940-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	106555	11/03/20 12:42	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.16 g	5 mL	104434	10/24/20 15:10	HKC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	106993	11/05/20 00:08	HKC	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.66 g	10 mL	106822	11/04/20 10:59	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			106908	11/05/20 04:38	UJ3K	ECL 1
	Instrument ID: GC48									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-41940-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-41940-1	MW-1,10	Solid	10/23/20 09:35	10/23/20 18:55	
570-41940-2	MW-1,15	Solid	10/23/20 09:45	10/23/20 18:55	
570-41940-3	MW-1,20	Solid	10/23/20 09:50	10/23/20 18:55	
570-41940-4	MW-1,25	Solid	10/23/20 09:55	10/23/20 18:55	
570-41940-5	MW-1,30	Solid	10/23/20 10:05	10/23/20 18:55	
570-41940-6	MW-1,35	Solid	10/23/20 10:20	10/23/20 18:55	
570-41940-7	MW-1,40	Solid	10/23/20 10:25	10/23/20 18:55	
570-41940-8	MW-1,45	Solid	10/23/20 10:30	10/23/20 18:55	
570-41940-9	MW-1,50	Solid	10/23/20 10:40	10/23/20 18:55	
570-41940-10	MW-1,55	Solid	10/23/20 10:45	10/23/20 18:55	
570-41940-11	MW-1,60	Solid	10/23/20 10:55	10/23/20 18:55	
570-41940-12	MW-1,65	Solid	10/23/20 11:05	10/23/20 18:55	
570-41940-13	MW-1,70	Solid	10/23/20 11:20	10/23/20 18:55	
570-41940-14	MW-1,75	Solid	10/23/20 11:25	10/23/20 18:55	
570-41940-15	MW-1,80	Solid	10/23/20 11:30	10/23/20 18:55	
570-41940-16	MW-1,85	Solid	10/23/20 11:35	10/23/20 18:55	
570-41940-17	MW-1,90	Solid	10/23/20 11:45	10/23/20 18:55	
570-41940-18	MW-1,95	Solid	10/23/20 11:55	10/23/20 18:55	
570-41940-19	MW-1,100	Solid	10/23/20 12:00	10/23/20 18:55	
570-41940-20	MW-1,105	Solid	10/23/20 12:05	10/23/20 18:55	
570-41940-21	MW-1,110	Solid	10/23/20 12:50	10/23/20 18:55	
570-41940-22	MW-1,115	Solid	10/23/20 13:00	10/23/20 18:55	
570-41940-23	MW-1,120	Solid	10/23/20 13:05	10/23/20 18:55	
570-41940-24	MW-1,125	Solid	10/23/20 13:10	10/23/20 18:55	
570-41940-25	MW-1,130	Solid	10/23/20 13:20	10/23/20 18:55	
570-41940-26	MW-1,135	Solid	10/23/20 13:25	10/23/20 18:55	
570-41940-27	MW-1,140	Solid	10/23/20 13:30	10/23/20 18:55	
570-41940-28	MW-1,145	Solid	10/23/20 13:35	10/23/20 18:55	
570-41940-29	MW-1,150	Solid	10/23/20 13:40	10/23/20 18:55	

de Guia, Cecile

From: Ryan Haughy <rhaughy@eticeng.com>
Sent: Monday, October 26, 2020 2:28 PM
To: de Guia, Cecile; Annie Chien; Gretchen Tagavilla; Zachary Spahn
Subject: RE: [EXTERNAL] Eurofins Calscience sample confirmation files from 570-41940-1 ExxonMobil 18MRC
Attachments: COC 570-41940 (202010261243)_rev.pdf

EXTERNAL EMAIL*

Ceicle,

Revised COC to remove diesel on the analysis for MW-1, 145 due to limited sample recovery.

Thank you

Ryan Haughy, PG, QSD
Principal

ETIC
CONSULT ENGINEER CONSTRUCT
Pleasant Hill ■ Martinez ■ Fresno ■ Arcadia

ETIC | 250 W Colorado Blvd
Suite 110 | Arcadia, CA 91007
Phone 626.432.5999, 2503 | Mobile 626.831.5374
Fax 626.432.5998 | www.eticeng.com

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From: Cecile de Guia <noreply@eurofinslimsservices.com>
Sent: Monday, October 26, 2020 1:26 PM
To: Annie Chien <achien@eticeng.com>; Gretchen Tagavilla <gtagavilla@eticeng.com>; Ryan Haughy <rhaughy@eticeng.com>; Zachary Spahn <zspahn@eticeng.com>
Subject: [EXTERNAL] Eurofins Calscience sample confirmation files from 570-41940-1 ExxonMobil 18MRC
Importance: High

Hello,

Attached please find the sample confirmation files for job 570-41940-1; ExxonMobil 18MRC

Please note that we didn't receive the metal sleeve for sample #28 (MW-1,145). Please cancel the Diesel request on the COC and email back the updated COC to me.

Thank you.

Cecile de Guia
Project Manager

Eurofins Calscience LLC
Phone: 714-895-5494

E-mail: Cecile.deGuia@eurofinset.com
www.eurofinsus.com/env

Reference: [570-140532]
Attachments: 2

* WARNING - EXTERNAL: This email originated from outside of Eurofins TestAmerica. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

eurofins | Calscience

ExxonMobil Analysis Request/Chain of Custody

ECI WO# 419396

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

570-41940 Chain of Custody

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Matrix: Grab	Matrix: Composite	Matrix: Soil	Matrix: Water	Matrix: Vapor	Analyses Requested: EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
1	MW-1, 10	MW-1	10-23-20	0935	X		X			X	X	X	X	1 sleeve, 5 encores
2	MW-1, 15			0945										
3	MW-1, 20			0950										
4	MW-1, 25			0955										
5	MW-1, 30			1005										
6	MW-1, 35			1020										
7	MW-1, 40			1025										
8	MW-1, 45			1030										
9	MW-1, 50			1040										
10	MW-1, 55			1045										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
	10-23-20	1530		10/23/20	1530
	10/23/20	1955		10/23/20	1955

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____°C

Received by: Date Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 Log Code: ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

3.7/29 Sle.

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ExxonMobil Analysis Request/Chain of Custody

ECI WO# 40 419251

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Matrix: Grab	Matrix: Composite	Matrix: Soil	Matrix: Water	Matrix: Vapor	Analyses Requested: EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
1	MW-1, 60	MW-1	10-23-20	1055	X		X			X	X	X	X	1 sleeve, 5 encores
2	MW-1, 65			1105										
3	MW-1, 70			1120										
4	MW-1, 75			1125										
5	MW-1, 80			1130										
6	MW-1, 85			1135										
7	MW-1, 90			1145										
8	MW-1, 95			1155										
9	MW-1, 100			1200										
10	MW-1, 105			1205										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

	Relinquished by:	Date	Time	Received by:	Date	Time
1		10-23-20	1530	EC	10/23/20	1530
2		10/23/20	1855		10/23/20	1855
3						

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Custody Seals Intact? Yes No

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ExxonMobil Analysis Request/Chain of Custody

ECI WO# 41939

40

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 3 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments: Container Type:
1	MW-1, 110	MW-1	10-23-20	1250	X		X			X	X	X	X	1 sleeve, 5 encores
2	MW-1, 115			1300										
3	MW-1, 120			1305										
4	MW-1, 125			1310										
5	MW-1, 130			1320										
6	MW-1, 135			1325										
7	MW-1, 140			1330										
8	MW-1, 145			1335										5 encores
9	MW-1, 150			1340										1 sleeve, 5 encores

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

	Relinquished by:	Date	Time	Received by:	Date	Time
1		10-23-20	1530		10/23/20	1530
2		10/23/20	1755		10/23/20	1855
3		Date	Time		Date	Time

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Date Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

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ExxonMobil Analysis Request/Chain of Custody

ECI WO# 41939

40

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 3 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
1	MW-1, 110	MW-1	10-23-20	1250	X		X			X	X	X	X	1 sleeve, 5 encores
2	MW-1, 115			1300										
3	MW-1, 120			1305										
4	MW-1, 125			1310										
5	MW-1, 130			1320										
6	MW-1, 135			1325										
7	MW-1, 140			1330										
8	MW-1, 145			1335							XX			no analysis for diesel RH — 5 encores
9	MW-1, 150			1340										1 sleeve, 5 encores

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)
Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
	10-23-20	1530		10/23/20	1530
	10/23/20	1855		10/23/20	1855

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: | Date | Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-41940-1

Login Number: 41940
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-42175-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Ryan Haughy

Authorized for release by:
11/10/2020 10:20:39 AM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z	The chromatographic response does not resemble a typical fuel pattern.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-42175-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-42175-1

Comments
No additional comments.

Receipt
The samples were received on 10/27/2020 5:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-107050.

Method 8260B: The initial calibration curve analyzed in batch 570-107455 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method 8260B. Refer to the QC Sample Results section of this report.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-107455.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 107879.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 107863.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,10 — Lab Sample ID: 570-42175-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00038	J	0.00078	0.00020	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,15 — Lab Sample ID: 570-42175-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0011		0.00097	0.00025	mg/Kg	1		8260B	Total/NA
Ethanol	0.065	J	0.24	0.064	mg/Kg	1		8260B	Total/NA
Toluene	0.00080	J	0.00097	0.00058	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.058	J	0.081	0.045	mg/Kg	1		8015B	Total/NA
TPH as Diesel (C13-C22)	200	Z	4.9	3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,20 — Lab Sample ID: 570-42175-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00045	J	0.00082	0.00021	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,25 — Lab Sample ID: 570-42175-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0088	J	0.018	0.0087	mg/Kg	1		8260B	Total/NA
Benzene	0.0014		0.00088	0.00023	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00020	J	0.00088	0.00018	mg/Kg	1		8260B	Total/NA
Toluene	0.00095		0.00088	0.00053	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,30 — Lab Sample ID: 570-42175-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0013		0.00096	0.00025	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.011		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
Toluene	0.00086	J	0.00096	0.00057	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.12		0.091	0.051	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,35 — Lab Sample ID: 570-42175-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.025		0.016	0.0077	mg/Kg	1		8260B	Total/NA
Benzene	0.00097		0.00078	0.00020	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0037	J	0.016	0.0035	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00040	J	0.00078	0.00016	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.042		0.0016	0.00015	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.050		0.016	0.0055	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.31		0.081	0.045	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,40 — Lab Sample ID: 570-42175-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.016	0.0078	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0040	J	0.016	0.0036	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.029		0.0016	0.00015	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.061		0.016	0.0055	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.077	J	0.078	0.044	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,45 — Lab Sample ID: 570-42175-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.017	0.0082	mg/Kg	1		8260B	Total/NA
Benzene	0.0012		0.00084	0.00022	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0054	J	0.017	0.0038	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.031		0.0017	0.00016	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00047	J	0.0017	0.00040	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.042		0.017	0.0059	mg/Kg	1		8260B	Total/NA
Toluene	0.00094		0.00084	0.00050	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.076	J	0.082	0.046	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,50 — Lab Sample ID: 570-42175-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.016	0.0079	mg/Kg	1		8260B	Total/NA
Benzene	0.0012		0.00080	0.00021	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0087	J	0.016	0.0036	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00044	J	0.0080	0.00032	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00084		0.00080	0.00016	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.028		0.0016	0.00015	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.020		0.016	0.0056	mg/Kg	1		8260B	Total/NA
Toluene	0.00080		0.00080	0.00048	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.072	J	0.080	0.044	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,55 — Lab Sample ID: 570-42175-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.088		0.016	0.0080	mg/Kg	1		8260B	Total/NA
Benzene	0.00025	J	0.00082	0.00021	mg/Kg	1		8260B	Total/NA
2-Butanone	0.019		0.016	0.0037	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00026	J	0.00082	0.00017	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.014		0.0016	0.00015	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.017		0.016	0.0057	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.18		0.085	0.047	mg/Kg	1		8015B	Total/NA
TPH as Diesel (C13-C22)	6.3	Z	4.9	3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,60 — Lab Sample ID: 570-42175-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.020	0.0099	mg/Kg	1		8260B	Total/NA
Benzene	0.0028		0.0010	0.00026	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0075	J	0.020	0.0045	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.0039	J	0.010	0.00040	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00060	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0010	J	0.0020	0.00019	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0011	J	0.0020	0.00048	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.012	J	0.020	0.0070	mg/Kg	1		8260B	Total/NA
Toluene	0.0019		0.0010	0.00060	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0011	J	0.0030	0.00071	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.069	J	0.11	0.058	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,65 — Lab Sample ID: 570-42175-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.019	0.0092	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3,65 (Continued) — Lab Sample ID: 570-42175-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0019		0.00093	0.00024	mg/Kg	1		8260B	Total/NA
2-Butanone	0.0070	J	0.019	0.0042	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00094	J	0.0093	0.00037	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00040	J	0.00093	0.00019	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0014	J	0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.00060	J	0.0019	0.00044	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0074	J	0.019	0.0065	mg/Kg	1		8260B	Total/NA
Toluene	0.0012		0.00093	0.00056	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.077	J	0.10	0.058	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,70 — Lab Sample ID: 570-42175-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0091	J	0.017	0.0086	mg/Kg	1		8260B	Total/NA
Benzene	0.041		0.00087	0.00023	mg/Kg	1		8260B	Total/NA
Carbon disulfide	0.00053	J	0.0087	0.00035	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0085		0.00087	0.00018	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.021		0.0017	0.00016	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0021		0.0017	0.00041	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00056	J	0.0017	0.00052	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0086		0.00087	0.00052	mg/Kg	1		8260B	Total/NA
Toluene	0.0029		0.00087	0.00052	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0017		0.0017	0.00052	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.011		0.0026	0.00062	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.62		0.083	0.046	mg/Kg	1		8015B	Total/NA
TPH as Diesel (C13-C22)	3.8	J Z	4.8	3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,75 — Lab Sample ID: 570-42175-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00079	J	0.0012	0.00031	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00042	J	0.0012	0.00024	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00092	J	0.0024	0.00022	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0016	J	0.0024	0.00056	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00082	J	0.0012	0.00071	mg/Kg	1		8260B	Total/NA
Toluene	0.0035		0.0012	0.00071	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0024	J	0.0036	0.00083	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,80 — Lab Sample ID: 570-42175-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.022	0.011	mg/Kg	1		8260B	Total/NA
Benzene	0.00062	J	0.0011	0.00028	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00050	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00025	J	0.0022	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0018	J	0.0022	0.00052	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00083	J	0.0011	0.00066	mg/Kg	1		8260B	Total/NA
Toluene	0.0022		0.0011	0.00066	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00067	J	0.0022	0.00066	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0026	J	0.0033	0.00077	mg/Kg	1		8260B	Total/NA
TPH as Diesel (C13-C22)	7.6	Z	4.9	3.8	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,85 — Lab Sample ID: 570-42175-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0019		0.0011	0.00029	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0016		0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0028		0.0022	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0060		0.0022	0.00053	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0036		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
Toluene	0.011		0.0011	0.00067	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0031		0.0022	0.00067	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.00084	J	0.0022	0.00067	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0096		0.0033	0.00078	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,90 — Lab Sample ID: 570-42175-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00079	J	0.0011	0.00029	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00054	J	0.0011	0.00023	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00040	J	0.0023	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0014	J	0.0023	0.00053	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00068	J	0.0011	0.00068	mg/Kg	1		8260B	Total/NA
Toluene	0.0034		0.0011	0.00068	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0021	J	0.0034	0.00079	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,95 — Lab Sample ID: 570-42175-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00069	J	0.0012	0.00030	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00063	J	0.0012	0.00024	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0016	J	0.0024	0.00022	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0022	J	0.0024	0.00056	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0014		0.0012	0.00071	mg/Kg	1		8260B	Total/NA
Toluene	0.0029		0.0012	0.00071	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0021	J	0.0024	0.00071	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0036		0.0035	0.00083	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.11	J	0.12	0.064	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,100 — Lab Sample ID: 570-42175-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0014		0.0011	0.00028	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0015		0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0036		0.0022	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0065		0.0022	0.00051	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0043		0.0011	0.00065	mg/Kg	1		8260B	Total/NA
Toluene	0.0089		0.0011	0.00065	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0039		0.0022	0.00065	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0010	J	0.0022	0.00065	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.011		0.0033	0.00076	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.15		0.097	0.054	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,105 — Lab Sample ID: 570-42175-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00031	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00033	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3,105 (Continued) — Lab Sample ID: 570-42175-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl-t-Butyl Ether (MTBE)	0.00036	J	0.0020	0.00019	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0011	J	0.0020	0.00049	mg/Kg	1		8260B	Total/NA
Toluene	0.0013		0.0010	0.00061	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0011	J	0.0031	0.00072	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,110 — Lab Sample ID: 570-42175-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00047	J	0.0011	0.00028	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00031	J	0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00023	J	0.0022	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0011	J	0.0022	0.00051	mg/Kg	1		8260B	Total/NA
Toluene	0.0016		0.0011	0.00065	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0011	J	0.0032	0.00076	mg/Kg	1		8260B	Total/NA
TPH as Diesel (C13-C22)	8.3		4.9	3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,115 — Lab Sample ID: 570-42175-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0024		0.00093	0.00024	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0019		0.00093	0.00019	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0059		0.0019	0.00017	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0078		0.0019	0.00044	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0052		0.00093	0.00056	mg/Kg	1		8260B	Total/NA
Toluene	0.011		0.00093	0.00056	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0027		0.0019	0.00056	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.00067	J	0.0019	0.00056	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.013		0.0028	0.00065	mg/Kg	1		8260B	Total/NA
TPH as Diesel (C13-C22)	9.3		4.9	3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,120 — Lab Sample ID: 570-42175-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.039		0.00088	0.00023	mg/Kg	1		8260B	Total/NA
1,2-Dichloroethane	0.0021		0.00088	0.00024	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.024		0.00088	0.00018	mg/Kg	1		8260B	Total/NA
Isopropylbenzene	0.00062	J	0.00088	0.00053	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.015		0.0018	0.00017	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.089		0.0018	0.00042	mg/Kg	1		8260B	Total/NA
Naphthalene	0.014		0.0088	0.0046	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00031	J	0.00088	0.00019	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.0017	J	0.0018	0.00053	mg/Kg	1		8260B	Total/NA
o-Xylene	0.052		0.00088	0.00053	mg/Kg	1		8260B	Total/NA
tert-Butylbenzene	0.00034	J	0.00088	0.00022	mg/Kg	1		8260B	Total/NA
Toluene	0.095		0.00088	0.00053	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.021		0.0018	0.00053	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0055		0.0018	0.00053	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.14		0.0026	0.00062	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.32		0.085	0.047	mg/Kg	1		8015B	Total/NA
TPH as Diesel (C13-C22)	7.3		4.9	3.8	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,125 — Lab Sample ID: 570-42175-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012	J	0.019	0.0094	mg/Kg	1		8260B	Total/NA
Benzene	0.0067		0.00095	0.00025	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0052		0.00095	0.00020	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0042		0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.015		0.0019	0.00045	mg/Kg	1		8260B	Total/NA
Naphthalene	0.0051	J	0.0095	0.0050	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00031	J	0.00095	0.00020	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00074	J	0.0019	0.00057	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0054		0.00095	0.00057	mg/Kg	1		8260B	Total/NA
Toluene	0.0056		0.00095	0.00057	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0066		0.0019	0.00057	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.0019		0.0019	0.00057	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.020		0.0029	0.00067	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.11		0.093	0.051	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,130 — Lab Sample ID: 570-42175-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00085	J	0.0011	0.00027	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00064	J	0.0011	0.00022	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.00064	J	0.0021	0.00020	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0020	J	0.0021	0.00050	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00071	J	0.0011	0.00064	mg/Kg	1		8260B	Total/NA
Toluene	0.00083	J	0.0011	0.00064	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00084	J	0.0021	0.00064	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0027	J	0.0032	0.00075	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,10
Date Collected: 10/27/20 12:40
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.016	0.0077	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Benzene	**0.00038**	**J**	0.00078	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Bromobenzene	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Bromochloromethane	ND		0.0016	0.00035	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Bromodichloromethane	ND		0.00078	0.00012	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Bromoform	ND		0.0039	0.0010	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Bromomethane	ND		0.016	0.0051	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
2-Butanone	ND		0.016	0.0035	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Carbon disulfide	ND		0.0078	0.00031	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Carbon tetrachloride	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Chlorobenzene	ND		0.00078	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Chloroform	ND		0.00078	0.00046	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Chloromethane	ND		0.016	0.0012	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
2-Chlorotoluene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
4-Chlorotoluene	ND		0.00078	0.00019	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
c-1,2-Dichloroethene	ND		0.00078	0.00026	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
c-1,3-Dichloropropene	ND		0.00078	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Dibromochloromethane	ND		0.0016	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2-Dibromo-3-Chloropropane	ND		0.0078	0.0053	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2-Dibromoethane	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Dibromomethane	ND		0.00078	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2-Dichlorobenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,3-Dichlorobenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,4-Dichlorobenzene	ND		0.00078	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Dichlorodifluoromethane	ND		0.0016	0.00035	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1-Dichloroethane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2-Dichloroethane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1-Dichloroethene	ND		0.00078	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2-Dichloropropane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,3-Dichloropropane	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
2,2-Dichloropropane	ND		0.0039	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1-Dichloropropene	ND		0.0016	0.00030	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Di-isopropyl ether (DIPE)	ND		0.00078	0.00039	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Ethanol	ND		0.20	0.051	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Ethylbenzene	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.00078	0.00018	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
2-Hexanone	ND		0.016	0.0024	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Isopropylbenzene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Methylene Chloride	ND		0.0078	0.0024	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
4-Methyl-2-pentanone	ND		0.016	0.0023	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
m,p-Xylene	ND		0.0016	0.00037	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Naphthalene	ND		0.0078	0.0041	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
n-Butylbenzene	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
N-Propylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
o-Xylene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
p-Isopropyltoluene	ND		0.00078	0.00055	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
sec-Butylbenzene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,10
Date Collected: 10/27/20 12:40
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00078	0.00055	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Tert-amyl-methyl ether (TAME)	ND		0.00078	0.00015	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
tert-Butyl alcohol (TBA)	ND		0.016	0.0055	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
tert-Butylbenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1,1,2-Tetrachloroethane	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00043	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Tetrachloroethene	ND		0.00078	0.00017	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Toluene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
t-1,2-Dichloroethene	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
t-1,3-Dichloropropene	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00078	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1,1-Trichloroethane	ND		0.00078	0.00018	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1,2-Trichloroethane	ND		0.00078	0.00036	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Trichloroethene	ND		0.0016	0.00030	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Trichlorofluoromethane	ND		0.0078	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2,3-Trichloropropane	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0078	0.00036	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Vinyl acetate	ND		0.0078	0.0031	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Vinyl chloride	ND		0.00078	0.00030	mg/Kg		10/27/20 20:27	11/04/20 22:06	1
Xylenes, Total	ND		0.0023	0.00055	mg/Kg		10/27/20 20:27	11/04/20 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:06*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/27/20 20:27*	*11/04/20 22:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*10/27/20 20:27*	*11/04/20 22:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:06*	*1*

Client Sample ID: MW-3,15
Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0096	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Benzene	**0.0011**		0.00097	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Bromodichloromethane	ND		0.00097	0.00015	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Bromoform	ND		0.0049	0.0013	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Bromomethane	ND		0.019	0.0064	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
2-Butanone	ND		0.019	0.0044	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Chloroethane	ND		0.0019	0.0015	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Chloroform	ND		0.00097	0.00057	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
2-Chlorotoluene	ND		0.00097	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
4-Chlorotoluene	ND		0.00097	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,15
Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
c-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Dibromochloromethane	ND		0.0019	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0066	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Dibromomethane	ND		0.00097	0.00030	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,3-Dichlorobenzene	ND		0.00097	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
2,2-Dichloropropane	ND		0.0049	0.00026	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1-Dichloropropene	ND		0.0019	0.00038	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Ethanol	**0.065**	**J**	0.24	0.064	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Ethylbenzene	ND		0.00097	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
2-Hexanone	ND		0.019	0.0030	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Isopropylbenzene	ND		0.00097	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Naphthalene	ND		0.0097	0.0051	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
N-Propylbenzene	ND		0.0019	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
o-Xylene	ND		0.00097	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
p-Isopropyltoluene	ND		0.00097	0.00068	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
sec-Butylbenzene	ND		0.00097	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Styrene	ND		0.00097	0.00068	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0068	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Toluene	**0.00080**	**J**	0.00097	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
t-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00097	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Trichloroethene	ND		0.0019	0.00038	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Trichlorofluoromethane	ND		0.0097	0.00027	mg/Kg		10/27/20 20:27	11/04/20 22:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,15
Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Vinyl chloride	ND		0.00097	0.00037	mg/Kg		10/27/20 20:27	11/04/20 22:32	1
Xylenes, Total	ND		0.0029	0.00068	mg/Kg		10/27/20 20:27	11/04/20 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:32*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/27/20 20:27*	*11/04/20 22:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*	*10/27/20 20:27*	*11/04/20 22:32*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:32*	*1*

Client Sample ID: MW-3,20
Date Collected: 10/27/20 12:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.016	0.0081	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Benzene	**0.00045**	**J**	0.00082	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Bromobenzene	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Bromochloromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Bromodichloromethane	ND		0.00082	0.00013	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Bromoform	ND		0.0041	0.0011	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Bromomethane	ND		0.016	0.0054	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
2-Butanone	ND		0.016	0.0037	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Carbon disulfide	ND		0.0082	0.00033	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Carbon tetrachloride	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Chlorobenzene	ND		0.00082	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Chloroform	ND		0.00082	0.00048	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Chloromethane	ND		0.016	0.0013	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
2-Chlorotoluene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
4-Chlorotoluene	ND		0.00082	0.00020	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
c-1,2-Dichloroethene	ND		0.00082	0.00028	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
c-1,3-Dichloropropene	ND		0.00082	0.00029	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Dibromochloromethane	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2-Dibromo-3-Chloropropane	ND		0.0082	0.0055	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2-Dibromoethane	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Dibromomethane	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2-Dichlorobenzene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,3-Dichlorobenzene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,4-Dichlorobenzene	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Dichlorodifluoromethane	ND		0.0016	0.00037	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1-Dichloroethane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2-Dichloroethane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1-Dichloroethene	ND		0.00082	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2-Dichloropropane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,3-Dichloropropane	ND		0.00082	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
2,2-Dichloropropane	ND		0.0041	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,20
Date Collected: 10/27/20 12:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Di-isopropyl ether (DIPE)	ND		0.00082	0.00041	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Ethanol	ND		0.20	0.054	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Ethylbenzene	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.00082	0.00019	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
2-Hexanone	ND		0.016	0.0025	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Isopropylbenzene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Methylene Chloride	ND		0.0082	0.0026	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
4-Methyl-2-pentanone	ND		0.016	0.0024	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
m,p-Xylene	ND		0.0016	0.00039	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Naphthalene	ND		0.0082	0.0043	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
n-Butylbenzene	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
N-Propylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
o-Xylene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
p-Isopropyltoluene	ND		0.00082	0.00057	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
sec-Butylbenzene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Styrene	ND		0.00082	0.00057	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Tert-amyl-methyl ether (TAME)	ND		0.00082	0.00016	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
tert-Butyl alcohol (TBA)	ND		0.016	0.0057	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
tert-Butylbenzene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1,1,2-Tetrachloroethane	ND		0.00082	0.00024	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00045	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Tetrachloroethene	ND		0.00082	0.00018	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Toluene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
t-1,2-Dichloroethene	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
t-1,3-Dichloropropene	ND		0.0016	0.00023	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00082	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00034	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1,1-Trichloroethane	ND		0.00082	0.00019	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1,2-Trichloroethane	ND		0.00082	0.00038	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Trichloroethene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Trichlorofluoromethane	ND		0.0082	0.00022	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2,3-Trichloropropane	ND		0.0016	0.00034	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0082	0.00038	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Vinyl acetate	ND		0.0082	0.0032	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Vinyl chloride	ND		0.00082	0.00031	mg/Kg		10/27/20 20:27	11/04/20 22:58	1
Xylenes, Total	ND		0.0025	0.00058	mg/Kg		10/27/20 20:27	11/04/20 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:58*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/27/20 20:27*	*11/04/20 22:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*	*10/27/20 20:27*	*11/04/20 22:58*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/27/20 20:27*	*11/04/20 22:58*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,25
Date Collected: 10/27/20 12:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0088**	**J**	0.018	0.0087	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Benzene	**0.0014**		0.00088	0.00023	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Bromobenzene	ND		0.00088	0.00018	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Bromochloromethane	ND		0.0018	0.00039	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Bromodichloromethane	ND		0.00088	0.00014	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Bromoform	ND		0.0044	0.0012	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Bromomethane	ND		0.018	0.0058	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
2-Butanone	ND		0.018	0.0040	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Carbon disulfide	ND		0.0088	0.00035	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Carbon tetrachloride	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Chlorobenzene	ND		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Chloroethane	ND		0.0018	0.0013	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Chloroform	ND		0.00088	0.00052	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
2-Chlorotoluene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
4-Chlorotoluene	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
c-1,2-Dichloroethene	ND		0.00088	0.00030	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
c-1,3-Dichloropropene	ND		0.00088	0.00031	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Dibromochloromethane	ND		0.0018	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2-Dibromo-3-Chloropropane	ND		0.0088	0.0060	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2-Dibromoethane	ND		0.00088	0.00018	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Dibromomethane	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,3-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,4-Dichlorobenzene	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Dichlorodifluoromethane	ND		0.0018	0.00040	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1-Dichloroethane	ND		0.00088	0.00025	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2-Dichloroethane	ND		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1-Dichloroethene	ND		0.00088	0.00023	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2-Dichloropropane	ND		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,3-Dichloropropane	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1-Dichloropropene	ND		0.0018	0.00034	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Di-isopropyl ether (DIPE)	ND		0.00088	0.00044	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Ethanol	ND		0.22	0.058	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Ethylbenzene	**0.00020**	**J**	0.00088	0.00018	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
2-Hexanone	ND		0.018	0.0027	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Isopropylbenzene	ND		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Methylene Chloride	ND		0.0088	0.0028	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
m,p-Xylene	ND		0.0018	0.00042	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Naphthalene	ND		0.0088	0.0046	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
n-Butylbenzene	ND		0.00088	0.00019	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
N-Propylbenzene	ND		0.0018	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
o-Xylene	ND		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
p-Isopropyltoluene	ND		0.00088	0.00062	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
sec-Butylbenzene	ND		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,25
Date Collected: 10/27/20 12:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00088	0.00062	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Tert-amyl-methyl ether (TAME)	ND		0.00088	0.00017	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0062	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
tert-Butylbenzene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1,1,2-Tetrachloroethane	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00048	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Tetrachloroethene	ND		0.00088	0.00020	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Toluene	**0.00095**		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
t-1,2-Dichloroethene	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00088	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00036	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1,1-Trichloroethane	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1,2-Trichloroethane	ND		0.00088	0.00041	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Trichloroethene	ND		0.0018	0.00034	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Trichlorofluoromethane	ND		0.0088	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2,3-Trichloropropane	ND		0.0018	0.00037	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0088	0.00041	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00053	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Vinyl acetate	ND		0.0088	0.0035	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Vinyl chloride	ND		0.00088	0.00033	mg/Kg		10/27/20 20:27	11/04/20 23:24	1
Xylenes, Total	ND		0.0026	0.00062	mg/Kg		10/27/20 20:27	11/04/20 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/04/20 23:24*	*1*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*10/27/20 20:27*	*11/04/20 23:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 155*	*10/27/20 20:27*	*11/04/20 23:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/27/20 20:27*	*11/04/20 23:24*	*1*

Client Sample ID: MW-3,30
Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0094	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Benzene	**0.0013**		0.00096	0.00025	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Bromobenzene	ND		0.00096	0.00020	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Bromodichloromethane	ND		0.00096	0.00015	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Bromomethane	ND		0.019	0.0063	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Carbon disulfide	ND		0.0096	0.00038	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Carbon tetrachloride	ND		0.00096	0.00029	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Chlorobenzene	ND		0.00096	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Chloroform	ND		0.00096	0.00056	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
2-Chlorotoluene	ND		0.00096	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
4-Chlorotoluene	ND		0.00096	0.00023	mg/Kg		10/27/20 20:27	11/04/20 23:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,30
Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00096	0.00032	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
c-1,3-Dichloropropene	ND		0.00096	0.00033	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2-Dibromo-3-Chloropropane	ND		0.0096	0.0065	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2-Dibromoethane	ND		0.00096	0.00020	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Dibromomethane	ND		0.00096	0.00029	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,3-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,4-Dichlorobenzene	ND		0.00096	0.00029	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1-Dichloroethane	ND		0.00096	0.00027	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2-Dichloroethane	ND		0.00096	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1-Dichloroethene	ND		0.00096	0.00025	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2-Dichloropropane	ND		0.00096	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,3-Dichloropropane	ND		0.00096	0.00028	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Di-isopropyl ether (DIPE)	ND		0.00096	0.00048	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Ethanol	ND		0.24	0.063	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Ethylbenzene	ND		0.00096	0.00020	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.00096	0.00023	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Isopropylbenzene	ND		0.00096	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Methylene Chloride	ND		0.0096	0.0030	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Methyl-t-Butyl Ether (MTBE)	**0.011**		0.0019	0.00018	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
m,p-Xylene	ND		0.0019	0.00045	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Naphthalene	ND		0.0096	0.0050	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
n-Butylbenzene	ND		0.00096	0.00020	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
N-Propylbenzene	ND		0.0019	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
o-Xylene	ND		0.00096	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
p-Isopropyltoluene	ND		0.00096	0.00067	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
sec-Butylbenzene	ND		0.00096	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Styrene	ND		0.00096	0.00067	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Tert-amyl-methyl ether (TAME)	ND		0.00096	0.00019	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0067	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
tert-Butylbenzene	ND		0.00096	0.00024	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1,1,2-Tetrachloroethane	ND		0.00096	0.00028	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Tetrachloroethene	ND		0.00096	0.00021	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Toluene	**0.00086**	**J**	0.00096	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
t-1,2-Dichloroethene	ND		0.00096	0.00029	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00096	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1,1-Trichloroethane	ND		0.00096	0.00022	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1,2-Trichloroethane	ND		0.00096	0.00044	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Trichlorofluoromethane	ND		0.0096	0.00026	mg/Kg		10/27/20 20:27	11/04/20 23:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,30
Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0096	0.00044	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00057	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Vinyl acetate	ND		0.0096	0.0037	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Vinyl chloride	ND		0.00096	0.00036	mg/Kg		10/27/20 20:27	11/04/20 23:49	1
Xylenes, Total	ND		0.0029	0.00067	mg/Kg		10/27/20 20:27	11/04/20 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/04/20 23:49*	*1*
Dibromofluoromethane (Surr)	*97*		*79 - 133*	*10/27/20 20:27*	*11/04/20 23:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*	*10/27/20 20:27*	*11/04/20 23:49*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/27/20 20:27*	*11/04/20 23:49*	*1*

Client Sample ID: MW-3,35
Date Collected: 10/27/20 13:15
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.025**		0.016	0.0077	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Benzene	**0.00097**		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Bromobenzene	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Bromochloromethane	ND		0.0016	0.00035	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Bromodichloromethane	ND		0.00078	0.00012	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Bromoform	ND		0.0039	0.0010	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Bromomethane	ND		0.016	0.0051	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
2-Butanone	**0.0037**	**J**	0.016	0.0035	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Carbon disulfide	ND		0.0078	0.00031	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Carbon tetrachloride	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Chlorobenzene	ND		0.00078	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Chloroform	ND		0.00078	0.00046	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Chloromethane	ND		0.016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
2-Chlorotoluene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
4-Chlorotoluene	ND		0.00078	0.00019	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
c-1,2-Dichloroethene	ND		0.00078	0.00026	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
c-1,3-Dichloropropene	ND		0.00078	0.00027	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Dibromochloromethane	ND		0.0016	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2-Dibromo-3-Chloropropane	ND		0.0078	0.0053	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2-Dibromoethane	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Dibromomethane	ND		0.00078	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2-Dichlorobenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,3-Dichlorobenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,4-Dichlorobenzene	ND		0.00078	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Dichlorodifluoromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1-Dichloroethane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2-Dichloroethane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1-Dichloroethene	ND		0.00078	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2-Dichloropropane	ND		0.00078	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,3-Dichloropropane	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
2,2-Dichloropropane	ND		0.0039	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,35
Date Collected: 10/27/20 13:15
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0016	0.00030	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Di-isopropyl ether (DIPE)	ND		0.00078	0.00039	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Ethanol	ND		0.20	0.052	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Ethylbenzene	**0.00040**	**J**	0.00078	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.00078	0.00018	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
2-Hexanone	ND		0.016	0.0024	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Isopropylbenzene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Methylene Chloride	ND		0.0078	0.0024	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
4-Methyl-2-pentanone	ND		0.016	0.0023	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Methyl-t-Butyl Ether (MTBE)	**0.042**		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
m,p-Xylene	ND		0.0016	0.00037	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Naphthalene	ND		0.0078	0.0041	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
n-Butylbenzene	ND		0.00078	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
N-Propylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
o-Xylene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
p-Isopropyltoluene	ND		0.00078	0.00055	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
sec-Butylbenzene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Styrene	ND		0.00078	0.00055	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Tert-amyl-methyl ether (TAME)	ND		0.00078	0.00015	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
tert-Butyl alcohol (TBA)	**0.050**		0.016	0.0055	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
tert-Butylbenzene	ND		0.00078	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1,1,2-Tetrachloroethane	ND		0.00078	0.00023	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00043	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Tetrachloroethene	ND		0.00078	0.00017	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Toluene	ND		0.00078	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
t-1,2-Dichloroethene	ND		0.00078	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
t-1,3-Dichloropropene	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00078	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1,1-Trichloroethane	ND		0.00078	0.00018	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1,2-Trichloroethane	ND		0.00078	0.00036	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Trichloroethene	ND		0.0016	0.00030	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Trichlorofluoromethane	ND		0.0078	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2,3-Trichloropropane	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0078	0.00036	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Vinyl acetate	ND		0.0078	0.0031	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Vinyl chloride	ND		0.00078	0.00030	mg/Kg		10/27/20 20:27	11/05/20 00:15	1
Xylenes, Total	ND		0.0023	0.00055	mg/Kg		10/27/20 20:27	11/05/20 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/27/20 20:27*	*11/05/20 00:15*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/27/20 20:27*	*11/05/20 00:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*10/27/20 20:27*	*11/05/20 00:15*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/05/20 00:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,40
Date Collected: 10/27/20 13:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.035**		0.016	0.0078	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Benzene	ND		0.00079	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Bromobenzene	ND		0.00079	0.00017	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Bromochloromethane	ND		0.0016	0.00035	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Bromodichloromethane	ND		0.00079	0.00013	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Bromoform	ND		0.0040	0.0010	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Bromomethane	ND		0.016	0.0052	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
2-Butanone	**0.0040**	**J**	0.016	0.0036	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Carbon disulfide	ND		0.0079	0.00032	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Carbon tetrachloride	ND		0.00079	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Chlorobenzene	ND		0.00079	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Chloroform	ND		0.00079	0.00047	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Chloromethane	ND		0.016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
2-Chlorotoluene	ND		0.00079	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
4-Chlorotoluene	ND		0.00079	0.00019	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
c-1,2-Dichloroethene	ND		0.00079	0.00027	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
c-1,3-Dichloropropene	ND		0.00079	0.00028	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Dibromochloromethane	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2-Dibromo-3-Chloropropane	ND		0.0079	0.0054	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2-Dibromoethane	ND		0.00079	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Dibromomethane	ND		0.00079	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2-Dichlorobenzene	ND		0.00079	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,3-Dichlorobenzene	ND		0.00079	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,4-Dichlorobenzene	ND		0.00079	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Dichlorodifluoromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1-Dichloroethane	ND		0.00079	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2-Dichloroethane	ND		0.00079	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1-Dichloroethene	ND		0.00079	0.00021	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2-Dichloropropane	ND		0.00079	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,3-Dichloropropane	ND		0.00079	0.00023	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
2,2-Dichloropropane	ND		0.0040	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1-Dichloropropene	ND		0.0016	0.00031	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Di-isopropyl ether (DIPE)	ND		0.00079	0.00040	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Ethanol	ND		0.20	0.052	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Ethylbenzene	ND		0.00079	0.00016	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.00079	0.00019	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
2-Hexanone	ND		0.016	0.0024	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Isopropylbenzene	ND		0.00079	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Methylene Chloride	ND		0.0079	0.0025	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
4-Methyl-2-pentanone	ND		0.016	0.0023	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Methyl-t-Butyl Ether (MTBE)	**0.029**		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
m,p-Xylene	ND		0.0016	0.00038	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Naphthalene	ND		0.0079	0.0041	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
n-Butylbenzene	ND		0.00079	0.00017	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
N-Propylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
o-Xylene	ND		0.00079	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
p-Isopropyltoluene	ND		0.00079	0.00056	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
sec-Butylbenzene	ND		0.00079	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,40
Date Collected: 10/27/20 13:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00079	0.00056	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Tert-amyl-methyl ether (TAME)	ND		0.00079	0.00015	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
tert-Butyl alcohol (TBA)	**0.061**		0.016	0.0055	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
tert-Butylbenzene	ND		0.00079	0.00020	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1,1,2-Tetrachloroethane	ND		0.00079	0.00023	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00043	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Tetrachloroethene	ND		0.00079	0.00018	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Toluene	ND		0.00079	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
t-1,2-Dichloroethene	ND		0.00079	0.00024	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
t-1,3-Dichloropropene	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00079	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1,1-Trichloroethane	ND		0.00079	0.00019	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1,2-Trichloroethane	ND		0.00079	0.00037	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Trichloroethene	ND		0.0016	0.00031	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Trichlorofluoromethane	ND		0.0079	0.00022	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2,3-Trichloropropane	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0079	0.00037	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Vinyl acetate	ND		0.0079	0.0031	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Vinyl chloride	ND		0.00079	0.00030	mg/Kg		10/27/20 20:27	11/05/20 00:40	1
Xylenes, Total	ND		0.0024	0.00056	mg/Kg		10/27/20 20:27	11/05/20 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/27/20 20:27*	*11/05/20 00:40*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/27/20 20:27*	*11/05/20 00:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/27/20 20:27*	*11/05/20 00:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/05/20 00:40*	*1*

Client Sample ID: MW-3,45
Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.031**		0.017	0.0082	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Benzene	**0.0012**		0.00084	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Bromobenzene	ND		0.00084	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Bromochloromethane	ND		0.0017	0.00037	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Bromodichloromethane	ND		0.00084	0.00013	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Bromoform	ND		0.0042	0.0011	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Bromomethane	ND		0.017	0.0055	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
2-Butanone	**0.0054**	**J**	0.017	0.0038	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Carbon disulfide	ND		0.0084	0.00034	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Carbon tetrachloride	ND		0.00084	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Chlorobenzene	ND		0.00084	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Chloroform	ND		0.00084	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
2-Chlorotoluene	ND		0.00084	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
4-Chlorotoluene	ND		0.00084	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,45
Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00084	0.00028	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
c-1,3-Dichloropropene	ND		0.00084	0.00029	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Dibromochloromethane	ND		0.0017	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2-Dibromo-3-Chloropropane	ND		0.0084	0.0057	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2-Dibromoethane	ND		0.00084	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Dibromomethane	ND		0.00084	0.00026	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2-Dichlorobenzene	ND		0.00084	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,3-Dichlorobenzene	ND		0.00084	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,4-Dichlorobenzene	ND		0.00084	0.00026	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Dichlorodifluoromethane	ND		0.0017	0.00038	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1-Dichloroethane	ND		0.00084	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2-Dichloroethane	ND		0.00084	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1-Dichloroethene	ND		0.00084	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2-Dichloropropane	ND		0.00084	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,3-Dichloropropane	ND		0.00084	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
2,2-Dichloropropane	ND		0.0042	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1-Dichloropropene	ND		0.0017	0.00033	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Di-isopropyl ether (DIPE)	ND		0.00084	0.00042	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Ethanol	ND		0.21	0.055	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Ethylbenzene	ND		0.00084	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.00084	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
2-Hexanone	ND		0.017	0.0026	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Isopropylbenzene	ND		0.00084	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Methylene Chloride	ND		0.0084	0.0026	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
4-Methyl-2-pentanone	ND		0.017	0.0024	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Methyl-t-Butyl Ether (MTBE)	**0.031**		0.0017	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
m,p-Xylene	**0.00047**	**J**	0.0017	0.00040	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Naphthalene	ND		0.0084	0.0044	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
n-Butylbenzene	ND		0.00084	0.00018	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
N-Propylbenzene	ND		0.0017	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
o-Xylene	ND		0.00084	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
p-Isopropyltoluene	ND		0.00084	0.00059	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
sec-Butylbenzene	ND		0.00084	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Styrene	ND		0.00084	0.00059	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Tert-amyl-methyl ether (TAME)	ND		0.00084	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
tert-Butyl alcohol (TBA)	**0.042**		0.017	0.0059	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
tert-Butylbenzene	ND		0.00084	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1,1,2-Tetrachloroethane	ND		0.00084	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00046	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Tetrachloroethene	ND		0.00084	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Toluene	**0.00094**		0.00084	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
t-1,2-Dichloroethene	ND		0.00084	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
t-1,3-Dichloropropene	ND		0.0017	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00084	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00034	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1,1-Trichloroethane	ND		0.00084	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1,2-Trichloroethane	ND		0.00084	0.00039	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Trichloroethene	ND		0.0017	0.00032	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Trichlorofluoromethane	ND		0.0084	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,45
Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0017	0.00035	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0084	0.00039	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00050	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Vinyl acetate	ND		0.0084	0.0033	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Vinyl chloride	ND		0.00084	0.00032	mg/Kg		10/27/20 20:27	11/05/20 01:06	1
Xylenes, Total	ND		0.0025	0.00059	mg/Kg		10/27/20 20:27	11/05/20 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:06*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*10/27/20 20:27*	*11/05/20 01:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*10/27/20 20:27*	*11/05/20 01:06*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:06*	*1*

Client Sample ID: MW-3,50
Date Collected: 10/27/20 13:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.039**		0.016	0.0079	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Benzene	**0.0012**		0.00080	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Bromobenzene	ND		0.00080	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Bromochloromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Bromodichloromethane	ND		0.00080	0.00013	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Bromoform	ND		0.0040	0.0011	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Bromomethane	ND		0.016	0.0053	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
2-Butanone	**0.0087**	**J**	0.016	0.0036	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Carbon disulfide	**0.00044**	**J**	0.0080	0.00032	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Carbon tetrachloride	ND		0.00080	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Chlorobenzene	ND		0.00080	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Chloroform	ND		0.00080	0.00047	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Chloromethane	ND		0.016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
2-Chlorotoluene	ND		0.00080	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
4-Chlorotoluene	ND		0.00080	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
c-1,2-Dichloroethene	ND		0.00080	0.00027	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
c-1,3-Dichloropropene	ND		0.00080	0.00028	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Dibromochloromethane	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2-Dibromo-3-Chloropropane	ND		0.0080	0.0054	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2-Dibromoethane	ND		0.00080	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Dibromomethane	ND		0.00080	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2-Dichlorobenzene	ND		0.00080	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,3-Dichlorobenzene	ND		0.00080	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,4-Dichlorobenzene	ND		0.00080	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Dichlorodifluoromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1-Dichloroethane	ND		0.00080	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2-Dichloroethane	ND		0.00080	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1-Dichloroethene	ND		0.00080	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2-Dichloropropane	ND		0.00080	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,3-Dichloropropane	ND		0.00080	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
2,2-Dichloropropane	ND		0.0040	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,50
Date Collected: 10/27/20 13:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0016	0.00031	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Di-isopropyl ether (DIPE)	ND		0.00080	0.00040	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Ethanol	ND		0.20	0.053	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Ethylbenzene	**0.00084**		0.00080	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.00080	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
2-Hexanone	ND		0.016	0.0025	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Isopropylbenzene	ND		0.00080	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Methylene Chloride	ND		0.0080	0.0025	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
4-Methyl-2-pentanone	ND		0.016	0.0023	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Methyl-t-Butyl Ether (MTBE)	**0.028**		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
m,p-Xylene	ND		0.0016	0.00038	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Naphthalene	ND		0.0080	0.0042	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
n-Butylbenzene	ND		0.00080	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
N-Propylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
o-Xylene	ND		0.00080	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
p-Isopropyltoluene	ND		0.00080	0.00056	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
sec-Butylbenzene	ND		0.00080	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Styrene	ND		0.00080	0.00056	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Tert-amyl-methyl ether (TAME)	ND		0.00080	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
tert-Butyl alcohol (TBA)	**0.020**		0.016	0.0056	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
tert-Butylbenzene	ND		0.00080	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1,1,2-Tetrachloroethane	ND		0.00080	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00043	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Tetrachloroethene	ND		0.00080	0.00018	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Toluene	**0.00080**		0.00080	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
t-1,2-Dichloroethene	ND		0.00080	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
t-1,3-Dichloropropene	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00080	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1,1-Trichloroethane	ND		0.00080	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1,2-Trichloroethane	ND		0.00080	0.00037	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Trichloroethene	ND		0.0016	0.00031	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Trichlorofluoromethane	ND		0.0080	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2,3-Trichloropropane	ND		0.0016	0.00033	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0080	0.00037	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Vinyl acetate	ND		0.0080	0.0031	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Vinyl chloride	ND		0.00080	0.00030	mg/Kg		10/27/20 20:27	11/05/20 01:32	1
Xylenes, Total	ND		0.0024	0.00056	mg/Kg		10/27/20 20:27	11/05/20 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:32*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/27/20 20:27*	*11/05/20 01:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/27/20 20:27*	*11/05/20 01:32*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,55
Date Collected: 10/27/20 13:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.088**		0.016	0.0080	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Benzene	**0.00025**	**J**	0.00082	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Bromobenzene	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Bromochloromethane	ND		0.0016	0.00036	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Bromodichloromethane	ND		0.00082	0.00013	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Bromoform	ND		0.0041	0.0011	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Bromomethane	ND		0.016	0.0054	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
2-Butanone	**0.019**		0.016	0.0037	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Carbon disulfide	ND		0.0082	0.00033	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Carbon tetrachloride	ND		0.00082	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Chlorobenzene	ND		0.00082	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Chloroethane	ND		0.0016	0.0012	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Chloroform	ND		0.00082	0.00048	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Chloromethane	ND		0.016	0.0013	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
2-Chlorotoluene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
4-Chlorotoluene	ND		0.00082	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
c-1,2-Dichloroethene	ND		0.00082	0.00028	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
c-1,3-Dichloropropene	ND		0.00082	0.00029	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Dibromochloromethane	ND		0.0016	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2-Dibromo-3-Chloropropane	ND		0.0082	0.0055	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2-Dibromoethane	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Dibromomethane	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2-Dichlorobenzene	ND		0.00082	0.00020	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,3-Dichlorobenzene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,4-Dichlorobenzene	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Dichlorodifluoromethane	ND		0.0016	0.00037	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1-Dichloroethane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2-Dichloroethane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1-Dichloroethene	ND		0.00082	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2-Dichloropropane	ND		0.00082	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,3-Dichloropropane	ND		0.00082	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
2,2-Dichloropropane	ND		0.0041	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1-Dichloropropene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Di-isopropyl ether (DIPE)	ND		0.00082	0.00041	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Ethanol	ND		0.20	0.054	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Ethylbenzene	**0.00026**	**J**	0.00082	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.00082	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
2-Hexanone	ND		0.016	0.0025	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Isopropylbenzene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Methylene Chloride	ND		0.0082	0.0026	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
4-Methyl-2-pentanone	ND		0.016	0.0024	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Methyl-t-Butyl Ether (MTBE)	**0.014**		0.0016	0.00015	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
m,p-Xylene	ND		0.0016	0.00039	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Naphthalene	ND		0.0082	0.0043	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
n-Butylbenzene	ND		0.00082	0.00017	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
N-Propylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
o-Xylene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
p-Isopropyltoluene	ND		0.00082	0.00057	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
sec-Butylbenzene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,55
Date Collected: 10/27/20 13:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00082	0.00057	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Tert-amyl-methyl ether (TAME)	ND		0.00082	0.00016	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
tert-Butyl alcohol (TBA)	**0.017**		0.016	0.0057	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
tert-Butylbenzene	ND		0.00082	0.00021	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1,1,2-Tetrachloroethane	ND		0.00082	0.00024	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1,2,2-Tetrachloroethane	ND		0.0016	0.00045	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Tetrachloroethene	ND		0.00082	0.00018	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Toluene	ND		0.00082	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
t-1,2-Dichloroethene	ND		0.00082	0.00025	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
t-1,3-Dichloropropene	ND		0.0016	0.00023	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2,3-Trichlorobenzene	ND		0.0016	0.00082	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2,4-Trichlorobenzene	ND		0.0016	0.00034	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1,1-Trichloroethane	ND		0.00082	0.00019	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1,2-Trichloroethane	ND		0.00082	0.00038	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Trichloroethene	ND		0.0016	0.00032	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Trichlorofluoromethane	ND		0.0082	0.00022	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2,3-Trichloropropane	ND		0.0016	0.00034	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0082	0.00038	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,2,4-Trimethylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
1,3,5-Trimethylbenzene	ND		0.0016	0.00049	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Vinyl acetate	ND		0.0082	0.0032	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Vinyl chloride	ND		0.00082	0.00031	mg/Kg		10/27/20 20:27	11/05/20 01:58	1
Xylenes, Total	ND		0.0025	0.00058	mg/Kg		10/27/20 20:27	11/05/20 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:58*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/27/20 20:27*	*11/05/20 01:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/27/20 20:27*	*11/05/20 01:58*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/27/20 20:27*	*11/05/20 01:58*	*1*

Client Sample ID: MW-3,60
Date Collected: 10/27/20 13:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.030**		0.020	0.0099	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Benzene	**0.0028**		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Bromomethane	ND		0.020	0.0066	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
2-Butanone	**0.0075**	**J**	0.020	0.0045	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Carbon disulfide	**0.0039**	**J**	0.010	0.00040	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/27/20 20:27	11/05/20 02:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,60
Date Collected: 10/27/20 13:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Ethanol	ND		0.25	0.066	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Ethylbenzene	**0.00060**	**J**	0.0010	0.00021	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Methyl-t-Butyl Ether (MTBE)	**0.0010**	**J**	0.0020	0.00019	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
m,p-Xylene	**0.0011**	**J**	0.0020	0.00048	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
o-Xylene	ND		0.0010	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Styrene	ND		0.0010	0.00070	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
tert-Butyl alcohol (TBA)	**0.012**	**J**	0.020	0.0070	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Toluene	**0.0019**		0.0010	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/27/20 20:27	11/05/20 02:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,60
Date Collected: 10/27/20 13:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/27/20 20:27	11/05/20 02:23	1
Xylenes, Total	**0.0011**	**J**	0.0030	0.00071	mg/Kg		10/27/20 20:27	11/05/20 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/27/20 20:27*	*11/05/20 02:23*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*10/27/20 20:27*	*11/05/20 02:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 155*	*10/27/20 20:27*	*11/05/20 02:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/05/20 02:23*	*1*

Client Sample ID: MW-3,65
Date Collected: 10/27/20 14:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.042**		0.019	0.0092	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Benzene	**0.0019**		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Bromobenzene	ND		0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Bromodichloromethane	ND		0.00093	0.00015	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Bromoform	ND		0.0047	0.0012	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Bromomethane	ND		0.019	0.0061	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
2-Butanone	**0.0070**	**J**	0.019	0.0042	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Carbon disulfide	**0.00094**	**J**	0.0093	0.00037	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Carbon tetrachloride	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Chlorobenzene	ND		0.00093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Chloroform	ND		0.00093	0.00055	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Chloromethane	ND		0.019	0.0014	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
2-Chlorotoluene	ND		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
4-Chlorotoluene	ND		0.00093	0.00023	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
c-1,2-Dichloroethene	ND		0.00093	0.00032	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
c-1,3-Dichloropropene	ND		0.00093	0.00033	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Dibromochloromethane	ND		0.0019	0.00025	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0093	0.0063	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2-Dibromoethane	ND		0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Dibromomethane	ND		0.00093	0.00029	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,3-Dichlorobenzene	ND		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,4-Dichlorobenzene	ND		0.00093	0.00029	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Dichlorodifluoromethane	ND		0.0019	0.00042	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1-Dichloroethene	ND		0.00093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2-Dichloropropane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,3-Dichloropropane	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
2,2-Dichloropropane	ND		0.0047	0.00025	mg/Kg		10/27/20 20:27	11/06/20 00:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,65
Date Collected: 10/27/20 14:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Di-isopropyl ether (DIPE)	ND		0.00093	0.00047	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Ethanol	ND		0.23	0.062	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Ethylbenzene	**0.00040**	**J**	0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.00093	0.00022	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Isopropylbenzene	ND		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Methylene Chloride	ND		0.0093	0.0029	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
4-Methyl-2-pentanone	ND		0.019	0.0027	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Methyl-t-Butyl Ether (MTBE)	**0.0014**	**J**	0.0019	0.00018	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
m,p-Xylene	**0.00060**	**J**	0.0019	0.00044	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Naphthalene	ND		0.0093	0.0049	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
n-Butylbenzene	ND		0.00093	0.00020	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
N-Propylbenzene	ND		0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
o-Xylene	ND		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
p-Isopropyltoluene	ND		0.00093	0.00065	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
sec-Butylbenzene	ND		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Styrene	ND		0.00093	0.00065	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Tert-amyl-methyl ether (TAME)	ND		0.00093	0.00018	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
tert-Butyl alcohol (TBA)	**0.0074**	**J**	0.019	0.0065	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
tert-Butylbenzene	ND		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1,1,2-Tetrachloroethane	ND		0.00093	0.00027	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Tetrachloroethene	ND		0.00093	0.00021	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Toluene	**0.0012**		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
t-1,2-Dichloroethene	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
t-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00093	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00038	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1,1-Trichloroethane	ND		0.00093	0.00022	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1,2-Trichloroethane	ND		0.00093	0.00043	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Trichlorofluoromethane	ND		0.0093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0093	0.00043	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Vinyl acetate	ND		0.0093	0.0037	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Vinyl chloride	ND		0.00093	0.00035	mg/Kg		10/27/20 20:27	11/06/20 00:48	1
Xylenes, Total	ND		0.0028	0.00066	mg/Kg		10/27/20 20:27	11/06/20 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/27/20 20:27*	*11/06/20 00:48*	*1*
Dibromofluoromethane (Surr)	*113*		*79 - 133*	*10/27/20 20:27*	*11/06/20 00:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*10/27/20 20:27*	*11/06/20 00:48*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/27/20 20:27*	*11/06/20 00:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,70
Date Collected: 10/27/20 14:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0091**	**J**	0.017	0.0086	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Benzene	**0.041**		0.00087	0.00023	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Bromobenzene	ND		0.00087	0.00018	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Bromochloromethane	ND		0.0017	0.00039	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Bromodichloromethane	ND		0.00087	0.00014	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Bromoform	ND		0.0044	0.0012	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Bromomethane	ND		0.017	0.0057	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
2-Butanone	ND		0.017	0.0039	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Carbon disulfide	**0.00053**	**J**	0.0087	0.00035	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Carbon tetrachloride	ND		0.00087	0.00026	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Chlorobenzene	ND		0.00087	0.00023	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Chloroform	ND		0.00087	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
2-Chlorotoluene	ND		0.00087	0.00022	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
4-Chlorotoluene	ND		0.00087	0.00021	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
c-1,2-Dichloroethene	ND		0.00087	0.00029	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
c-1,3-Dichloropropene	ND		0.00087	0.00030	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Dibromochloromethane	ND		0.0017	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2-Dibromo-3-Chloropropane	ND		0.0087	0.0059	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2-Dibromoethane	ND		0.00087	0.00018	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Dibromomethane	ND		0.00087	0.00027	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,3-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,4-Dichlorobenzene	ND		0.00087	0.00027	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Dichlorodifluoromethane	ND		0.0017	0.00040	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1-Dichloroethane	ND		0.00087	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2-Dichloroethane	ND		0.00087	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1-Dichloroethene	ND		0.00087	0.00023	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2-Dichloropropane	ND		0.00087	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,3-Dichloropropane	ND		0.00087	0.00026	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1-Dichloropropene	ND		0.0017	0.00034	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Di-isopropyl ether (DIPE)	ND		0.00087	0.00044	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Ethanol	ND		0.22	0.058	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Ethylbenzene	**0.0085**		0.00087	0.00018	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.00087	0.00021	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
2-Hexanone	ND		0.017	0.0027	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Isopropylbenzene	ND		0.00087	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Methylene Chloride	ND		0.0087	0.0027	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
4-Methyl-2-pentanone	ND		0.017	0.0025	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Methyl-t-Butyl Ether (MTBE)	**0.021**		0.0017	0.00016	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
m,p-Xylene	**0.0021**		0.0017	0.00041	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Naphthalene	ND		0.0087	0.0046	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
n-Butylbenzene	ND		0.00087	0.00018	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
N-Propylbenzene	**0.00056**	**J**	0.0017	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
o-Xylene	**0.0086**		0.00087	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
p-Isopropyltoluene	ND		0.00087	0.00061	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
sec-Butylbenzene	ND		0.00087	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,70
Date Collected: 10/27/20 14:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00087	0.00061	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Tert-amyl-methyl ether (TAME)	ND		0.00087	0.00017	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0061	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
tert-Butylbenzene	ND		0.00087	0.00022	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1,1,2-Tetrachloroethane	ND		0.00087	0.00025	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00048	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Tetrachloroethene	ND		0.00087	0.00020	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Toluene	**0.0029**		0.00087	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
t-1,2-Dichloroethene	ND		0.00087	0.00026	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
t-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00087	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00036	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1,1-Trichloroethane	ND		0.00087	0.00020	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1,2-Trichloroethane	ND		0.00087	0.00041	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Trichloroethene	ND		0.0017	0.00034	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Trichlorofluoromethane	ND		0.0087	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2,3-Trichloropropane	ND		0.0017	0.00037	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0087	0.00040	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,2,4-Trimethylbenzene	**0.0017**		0.0017	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00052	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Vinyl acetate	ND		0.0087	0.0034	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Vinyl chloride	ND		0.00087	0.00033	mg/Kg		10/27/20 20:27	11/06/20 01:16	1
Xylenes, Total	**0.011**		0.0026	0.00062	mg/Kg		10/27/20 20:27	11/06/20 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/27/20 20:27*	*11/06/20 01:16*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*10/27/20 20:27*	*11/06/20 01:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 155*	*10/27/20 20:27*	*11/06/20 01:16*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/06/20 01:16*	*1*

Client Sample ID: MW-3,75
Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Benzene	**0.00079**	**J**	0.0012	0.00031	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Bromoform	ND		0.0059	0.0016	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Bromomethane	ND		0.024	0.0078	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
2-Butanone	ND		0.024	0.0053	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Chloroform	ND		0.0012	0.00070	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Chloromethane	ND		0.024	0.0018	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg		10/27/20 20:27	11/06/20 01:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,75
Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
c-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0080	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Ethanol	ND		0.30	0.078	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Ethylbenzene	**0.00042**	**J**	0.0012	0.00024	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
2-Hexanone	ND		0.024	0.0036	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Isopropylbenzene	ND		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
4-Methyl-2-pentanone	ND		0.024	0.0034	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Methyl-t-Butyl Ether (MTBE)	**0.00092**	**J**	0.0024	0.00022	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
m,p-Xylene	**0.0016**	**J**	0.0024	0.00056	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Naphthalene	ND		0.012	0.0062	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
N-Propylbenzene	ND		0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
o-Xylene	**0.00082**	**J**	0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
p-Isopropyltoluene	ND		0.0012	0.00083	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
sec-Butylbenzene	ND		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Styrene	ND		0.0012	0.00083	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00064	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Toluene	**0.0035**		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
t-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
t-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/27/20 20:27	11/06/20 01:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,75
Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg		10/27/20 20:27	11/06/20 01:45	1
Xylenes, Total	**0.0024**	**J**	0.0036	0.00083	mg/Kg		10/27/20 20:27	11/06/20 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*10/27/20 20:27*	*11/06/20 01:45*	*1*
Dibromofluoromethane (Surr)	*116*		*79 - 133*	*10/27/20 20:27*	*11/06/20 01:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*71 - 155*	*10/27/20 20:27*	*11/06/20 01:45*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/27/20 20:27*	*11/06/20 01:45*	*1*

Client Sample ID: MW-3,80
Date Collected: 10/27/20 14:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.022	0.011	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Benzene	**0.00062**	**J**	0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Bromoform	ND		0.0055	0.0014	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Bromomethane	ND		0.022	0.0072	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
2-Butanone	ND		0.022	0.0049	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Chloroethane	ND		0.0022	0.0016	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Chloroform	ND		0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
c-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0074	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,80
Date Collected: 10/27/20 14:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Ethanol	ND		0.27	0.072	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Ethylbenzene	**0.00050**	**J**	0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Isopropylbenzene	ND		0.0011	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Methyl-t-Butyl Ether (MTBE)	**0.00025**	**J**	0.0022	0.00021	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
m,p-Xylene	**0.0018**	**J**	0.0022	0.00052	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Naphthalene	ND		0.011	0.0057	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
N-Propylbenzene	ND		0.0022	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
o-Xylene	**0.00083**	**J**	0.0011	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
p-Isopropyltoluene	ND		0.0011	0.00076	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
sec-Butylbenzene	ND		0.0011	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Styrene	ND		0.0011	0.00076	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Toluene	**0.0022**		0.0011	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,2,4-Trimethylbenzene	**0.00067**	**J**	0.0022	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00066	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/27/20 20:27	11/06/20 02:14	1
Xylenes, Total	**0.0026**	**J**	0.0033	0.00077	mg/Kg		10/27/20 20:27	11/06/20 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/27/20 20:27*	*11/06/20 02:14*	*1*
Dibromofluoromethane (Surr)	*114*		*79 - 133*	*10/27/20 20:27*	*11/06/20 02:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*71 - 155*	*10/27/20 20:27*	*11/06/20 02:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/27/20 20:27*	*11/06/20 02:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,85
Date Collected: 10/27/20 14:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Benzene	**0.0019**		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Bromoform	ND		0.0055	0.0015	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Bromomethane	ND		0.022	0.0073	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
2-Butanone	ND		0.022	0.0050	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Chloroethane	ND		0.0022	0.0017	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Chloroform	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0075	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Ethanol	ND		0.28	0.073	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Ethylbenzene	**0.0016**		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
2-Hexanone	ND		0.022	0.0034	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Isopropylbenzene	ND		0.0011	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Methyl-t-Butyl Ether (MTBE)	**0.0028**		0.0022	0.00021	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
m,p-Xylene	**0.0060**		0.0022	0.00053	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Naphthalene	ND		0.011	0.0058	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
N-Propylbenzene	ND		0.0022	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
o-Xylene	**0.0036**		0.0011	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
p-Isopropyltoluene	ND		0.0011	0.00078	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
sec-Butylbenzene	ND		0.0011	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,85
Date Collected: 10/27/20 14:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00078	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0077	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Toluene	**0.011**		0.0011	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
t-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,2,4-Trimethylbenzene	**0.0031**		0.0022	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
1,3,5-Trimethylbenzene	**0.00084**	**J**	0.0022	0.00067	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg		10/27/20 20:27	11/06/20 02:43	1
Xylenes, Total	**0.0096**		0.0033	0.00078	mg/Kg		10/27/20 20:27	11/06/20 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*10/27/20 20:27*	*11/06/20 02:43*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/27/20 20:27*	*11/06/20 02:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*10/27/20 20:27*	*11/06/20 02:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/06/20 02:43*	*1*

Client Sample ID: MW-3,90
Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.023	0.011	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Benzene	**0.00079**	**J**	0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Bromochloromethane	ND		0.0023	0.00050	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Bromodichloromethane	ND		0.0011	0.00018	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Bromoform	ND		0.0056	0.0015	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Bromomethane	ND		0.023	0.0074	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
2-Butanone	ND		0.023	0.0051	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Chloroethane	ND		0.0023	0.0017	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Chloroform	ND		0.0011	0.00066	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Chloromethane	ND		0.023	0.0017	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 03:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,90
Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
c-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0076	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Dichlorodifluoromethane	ND		0.0023	0.00051	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
2,2-Dichloropropane	ND		0.0056	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Ethanol	ND		0.28	0.074	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Ethylbenzene	**0.00054**	**J**	0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
2-Hexanone	ND		0.023	0.0035	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Isopropylbenzene	ND		0.0011	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
4-Methyl-2-pentanone	ND		0.023	0.0033	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Methyl-t-Butyl Ether (MTBE)	**0.00040**	**J**	0.0023	0.00021	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
m,p-Xylene	**0.0014**	**J**	0.0023	0.00053	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Naphthalene	ND		0.011	0.0059	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
N-Propylbenzene	ND		0.0023	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
o-Xylene	**0.00068**	**J**	0.0011	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
p-Isopropyltoluene	ND		0.0011	0.00079	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
sec-Butylbenzene	ND		0.0011	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Styrene	ND		0.0011	0.00079	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0079	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00061	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Toluene	**0.0034**		0.0011	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
t-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
t-1,3-Dichloropropene	ND		0.0023	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2,3-Trichlorobenzene	ND		0.0023	0.0011	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00046	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,90
Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0023	0.00047	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00068	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg		10/27/20 20:27	11/06/20 03:12	1
Xylenes, Total	**0.0021**	**J**	0.0034	0.00079	mg/Kg		10/27/20 20:27	11/06/20 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/27/20 20:27*	*11/06/20 03:12*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/27/20 20:27*	*11/06/20 03:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*10/27/20 20:27*	*11/06/20 03:12*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/06/20 03:12*	*1*

Client Sample ID: MW-3,95
Date Collected: 10/27/20 14:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.024	0.012	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Benzene	**0.00069**	**J**	0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Bromochloromethane	ND		0.0024	0.00052	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Bromodichloromethane	ND		0.0012	0.00019	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Bromoform	ND		0.0059	0.0016	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Bromomethane	ND		0.024	0.0077	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
2-Butanone	ND		0.024	0.0053	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Chloroethane	ND		0.0024	0.0018	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Chloroform	ND		0.0012	0.00069	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Chloromethane	ND		0.024	0.0018	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
c-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
c-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0080	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Dichlorodifluoromethane	ND		0.0024	0.00053	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,95
Date Collected: 10/27/20 14:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Ethanol	ND		0.29	0.078	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Ethylbenzene	**0.00063**	**J**	0.0012	0.00024	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
2-Hexanone	ND		0.024	0.0036	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Isopropylbenzene	ND		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
4-Methyl-2-pentanone	ND		0.024	0.0034	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Methyl-t-Butyl Ether (MTBE)	**0.0016**	**J**	0.0024	0.00022	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
m,p-Xylene	**0.0022**	**J**	0.0024	0.00056	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Naphthalene	ND		0.012	0.0061	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
N-Propylbenzene	ND		0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
o-Xylene	**0.0014**		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
p-Isopropyltoluene	ND		0.0012	0.00082	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
sec-Butylbenzene	ND		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Styrene	ND		0.0012	0.00082	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0082	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00064	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Toluene	**0.0029**		0.0012	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
t-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
t-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2,3-Trichlorobenzene	ND		0.0024	0.0012	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00048	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Trichloroethene	ND		0.0024	0.00045	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2,3-Trichloropropane	ND		0.0024	0.00049	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,2,4-Trimethylbenzene	**0.0021**	**J**	0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00071	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg		10/27/20 20:27	11/06/20 03:40	1
Xylenes, Total	**0.0036**		0.0035	0.00083	mg/Kg		10/27/20 20:27	11/06/20 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/27/20 20:27*	*11/06/20 03:40*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/27/20 20:27*	*11/06/20 03:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*10/27/20 20:27*	*11/06/20 03:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/27/20 20:27*	*11/06/20 03:40*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,100
Date Collected: 10/27/20 14:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Benzene	**0.0014**		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Bromoform	ND		0.0054	0.0014	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Bromomethane	ND		0.022	0.0071	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
2-Butanone	ND		0.022	0.0049	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Chloroethane	ND		0.0022	0.0016	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Chloroform	ND		0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
c-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
c-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0073	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Ethanol	ND		0.27	0.071	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Ethylbenzene	**0.0015**		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
2-Hexanone	ND		0.022	0.0033	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Isopropylbenzene	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
4-Methyl-2-pentanone	ND		0.022	0.0032	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Methyl-t-Butyl Ether (MTBE)	**0.0036**		0.0022	0.00020	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
m,p-Xylene	**0.0065**		0.0022	0.00051	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Naphthalene	ND		0.011	0.0057	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
N-Propylbenzene	ND		0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
o-Xylene	**0.0043**		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
p-Isopropyltoluene	ND		0.0011	0.00076	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
sec-Butylbenzene	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,100
Date Collected: 10/27/20 14:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00076	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Toluene	**0.0089**		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
t-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
t-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,2,4-Trimethylbenzene	**0.0039**		0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
1,3,5-Trimethylbenzene	**0.0010**	**J**	0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/27/20 20:27	11/06/20 04:09	1
Xylenes, Total	**0.011**		0.0033	0.00076	mg/Kg		10/27/20 20:27	11/06/20 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*10/27/20 20:27*	*11/06/20 04:09*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*10/27/20 20:27*	*11/06/20 04:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/27/20 20:27*	*11/06/20 04:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/06/20 04:09*	*1*

Client Sample ID: MW-3,105
Date Collected: 10/27/20 15:00
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.010	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Benzene	**0.00031**	**J**	0.0010	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Bromochloromethane	ND		0.0020	0.00046	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Bromoform	ND		0.0051	0.0014	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Bromomethane	ND		0.020	0.0067	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
2-Butanone	ND		0.020	0.0046	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Chloroform	ND		0.0010	0.00060	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Chloromethane	ND		0.020	0.0016	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/27/20 20:27	11/06/20 04:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,105
Date Collected: 10/27/20 15:00
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
c-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0069	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Ethanol	ND		0.26	0.068	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Ethylbenzene	**0.00033**	**J**	0.0010	0.00021	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Isopropylbenzene	ND		0.0010	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
4-Methyl-2-pentanone	ND		0.020	0.0030	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Methyl-t-Butyl Ether (MTBE)	**0.00036**	**J**	0.0020	0.00019	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
m,p-Xylene	**0.0011**	**J**	0.0020	0.00049	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Naphthalene	ND		0.010	0.0053	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
N-Propylbenzene	ND		0.0020	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
o-Xylene	ND		0.0010	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
p-Isopropyltoluene	ND		0.0010	0.00072	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
sec-Butylbenzene	ND		0.0010	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Styrene	ND		0.0010	0.00072	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0072	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Toluene	**0.0013**		0.0010	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
t-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
t-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Trichloroethene	ND		0.0020	0.00040	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg		10/27/20 20:27	11/06/20 04:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,105
Date Collected: 10/27/20 15:00
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00061	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg		10/27/20 20:27	11/06/20 04:38	1
Xylenes, Total	**0.0011**	**J**	0.0031	0.00072	mg/Kg		10/27/20 20:27	11/06/20 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/27/20 20:27*	*11/06/20 04:38*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/27/20 20:27*	*11/06/20 04:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/27/20 20:27*	*11/06/20 04:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/06/20 04:38*	*1*

Client Sample ID: MW-3,110
Date Collected: 10/27/20 15:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.022	0.011	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Benzene	**0.00047**	**J**	0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Bromoform	ND		0.0054	0.0014	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Bromomethane	ND		0.022	0.0071	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
2-Butanone	ND		0.022	0.0049	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Chloroethane	ND		0.0022	0.0016	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Chloromethane	ND		0.022	0.0017	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Dibromochloromethane	ND		0.0022	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0073	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,110
Date Collected: 10/27/20 15:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Ethanol	ND		0.27	0.071	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Ethylbenzene	**0.00031**	**J**	0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
2-Hexanone	ND		0.022	0.0033	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Isopropylbenzene	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
4-Methyl-2-pentanone	ND		0.022	0.0031	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Methyl-t-Butyl Ether (MTBE)	**0.00023**	**J**	0.0022	0.00020	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
m,p-Xylene	**0.0011**	**J**	0.0022	0.00051	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Naphthalene	ND		0.011	0.0056	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
N-Propylbenzene	ND		0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
o-Xylene	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
p-Isopropyltoluene	ND		0.0011	0.00075	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
sec-Butylbenzene	ND		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Styrene	ND		0.0011	0.00075	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0075	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Toluene	**0.0016**		0.0011	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
t-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2,3-Trichlorobenzene	ND		0.0022	0.0011	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00044	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg		10/27/20 20:27	11/06/20 05:06	1
Xylenes, Total	**0.0011**	**J**	0.0032	0.00076	mg/Kg		10/27/20 20:27	11/06/20 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*10/27/20 20:27*	*11/06/20 05:06*	*1*
Dibromofluoromethane (Surr)	*113*		*79 - 133*	*10/27/20 20:27*	*11/06/20 05:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*10/27/20 20:27*	*11/06/20 05:06*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/27/20 20:27*	*11/06/20 05:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,115
Date Collected: 10/27/20 15:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0091	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Benzene	**0.0024**		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Bromobenzene	ND		0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Bromochloromethane	ND		0.0019	0.00041	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Bromodichloromethane	ND		0.00093	0.00015	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Bromoform	ND		0.0046	0.0012	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Bromomethane	ND		0.019	0.0061	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
2-Butanone	ND		0.019	0.0042	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Carbon disulfide	ND		0.0093	0.00037	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Carbon tetrachloride	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Chlorobenzene	ND		0.00093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Chloroform	ND		0.00093	0.00055	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Chloromethane	ND		0.019	0.0014	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
2-Chlorotoluene	ND		0.00093	0.00023	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
4-Chlorotoluene	ND		0.00093	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
c-1,2-Dichloroethene	ND		0.00093	0.00031	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
c-1,3-Dichloropropene	ND		0.00093	0.00032	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Dibromochloromethane	ND		0.0019	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2-Dibromo-3-Chloropropane	ND		0.0093	0.0063	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2-Dibromoethane	ND		0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Dibromomethane	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,3-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,4-Dichlorobenzene	ND		0.00093	0.00029	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Dichlorodifluoromethane	ND		0.0019	0.00042	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1-Dichloroethene	ND		0.00093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2-Dichloropropane	ND		0.00093	0.00026	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,3-Dichloropropane	ND		0.00093	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
2,2-Dichloropropane	ND		0.0046	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Di-isopropyl ether (DIPE)	ND		0.00093	0.00046	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Ethanol	ND		0.23	0.061	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Ethylbenzene	**0.0019**		0.00093	0.00019	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Ethyl-t-butyl ether (ETBE)	ND		0.00093	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Isopropylbenzene	ND		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Methylene Chloride	ND		0.0093	0.0029	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
4-Methyl-2-pentanone	ND		0.019	0.0027	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Methyl-t-Butyl Ether (MTBE)	**0.0059**		0.0019	0.00017	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
m,p-Xylene	**0.0078**		0.0019	0.00044	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Naphthalene	ND		0.0093	0.0048	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
n-Butylbenzene	ND		0.00093	0.00020	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
N-Propylbenzene	ND		0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
o-Xylene	**0.0052**		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
p-Isopropyltoluene	ND		0.00093	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
sec-Butylbenzene	ND		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,115
Date Collected: 10/27/20 15:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00093	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Tert-amyl-methyl ether (TAME)	ND		0.00093	0.00018	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0065	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
tert-Butylbenzene	ND		0.00093	0.00024	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1,1,2-Tetrachloroethane	ND		0.00093	0.00027	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Tetrachloroethene	ND		0.00093	0.00021	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Toluene	**0.011**		0.00093	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
t-1,2-Dichloroethene	ND		0.00093	0.00028	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
t-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00093	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00038	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1,1-Trichloroethane	ND		0.00093	0.00022	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1,2-Trichloroethane	ND		0.00093	0.00043	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Trichlorofluoromethane	ND		0.0093	0.00025	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0093	0.00043	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,2,4-Trimethylbenzene	**0.0027**		0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
1,3,5-Trimethylbenzene	**0.00067**	**J**	0.0019	0.00056	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Vinyl acetate	ND		0.0093	0.0036	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Vinyl chloride	ND		0.00093	0.00035	mg/Kg		10/27/20 20:27	11/06/20 05:34	1
Xylenes, Total	**0.013**		0.0028	0.00065	mg/Kg		10/27/20 20:27	11/06/20 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*10/27/20 20:27*	*11/06/20 05:34*	*1*
Dibromofluoromethane (Surr)	*114*		*79 - 133*	*10/27/20 20:27*	*11/06/20 05:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*10/27/20 20:27*	*11/06/20 05:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/06/20 05:34*	*1*

Client Sample ID: MW-3,120
Date Collected: 10/27/20 15:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.018	0.0087	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Benzene	**0.039**		0.00088	0.00023	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Bromobenzene	ND		0.00088	0.00018	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Bromochloromethane	ND		0.0018	0.00039	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Bromodichloromethane	ND		0.00088	0.00014	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Bromoform	ND		0.0044	0.0012	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Bromomethane	ND		0.018	0.0058	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
2-Butanone	ND		0.018	0.0040	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Carbon disulfide	ND		0.0088	0.00035	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Carbon tetrachloride	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Chlorobenzene	ND		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Chloroethane	ND		0.0018	0.0013	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Chloroform	ND		0.00088	0.00052	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Chloromethane	ND		0.018	0.0014	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
2-Chlorotoluene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
4-Chlorotoluene	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/06/20 07:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,120
Date Collected: 10/27/20 15:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00088	0.00030	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
c-1,3-Dichloropropene	ND		0.00088	0.00031	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Dibromochloromethane	ND		0.0018	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2-Dibromo-3-Chloropropane	ND		0.0088	0.0060	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2-Dibromoethane	ND		0.00088	0.00018	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Dibromomethane	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,3-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,4-Dichlorobenzene	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Dichlorodifluoromethane	ND		0.0018	0.00040	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1-Dichloroethane	ND		0.00088	0.00025	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2-Dichloroethane	**0.0021**		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1-Dichloroethene	ND		0.00088	0.00023	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2-Dichloropropane	ND		0.00088	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,3-Dichloropropane	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1-Dichloropropene	ND		0.0018	0.00034	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Di-isopropyl ether (DIPE)	ND		0.00088	0.00044	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Ethanol	ND		0.22	0.058	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Ethylbenzene	**0.024**		0.00088	0.00018	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
2-Hexanone	ND		0.018	0.0027	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Isopropylbenzene	**0.00062**	**J**	0.00088	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Methylene Chloride	ND		0.0088	0.0028	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
4-Methyl-2-pentanone	ND		0.018	0.0026	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Methyl-t-Butyl Ether (MTBE)	**0.015**		0.0018	0.00017	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
m,p-Xylene	**0.089**		0.0018	0.00042	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Naphthalene	**0.014**		0.0088	0.0046	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
n-Butylbenzene	**0.00031**	**J**	0.00088	0.00019	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
N-Propylbenzene	**0.0017**	**J**	0.0018	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
o-Xylene	**0.052**		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
p-Isopropyltoluene	ND		0.00088	0.00062	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
sec-Butylbenzene	ND		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Styrene	ND		0.00088	0.00062	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Tert-amyl-methyl ether (TAME)	ND		0.00088	0.00017	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0062	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
tert-Butylbenzene	**0.00034**	**J**	0.00088	0.00022	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1,1,2-Tetrachloroethane	ND		0.00088	0.00026	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00048	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Tetrachloroethene	ND		0.00088	0.00020	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Toluene	**0.095**		0.00088	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
t-1,2-Dichloroethene	ND		0.00088	0.00027	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
t-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00088	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00036	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1,1-Trichloroethane	ND		0.00088	0.00021	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1,2-Trichloroethane	ND		0.00088	0.00041	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Trichloroethene	ND		0.0018	0.00034	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Trichlorofluoromethane	ND		0.0088	0.00024	mg/Kg		10/27/20 20:27	11/06/20 07:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,120
Date Collected: 10/27/20 15:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0018	0.00037	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0088	0.00041	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,2,4-Trimethylbenzene	**0.021**		0.0018	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
1,3,5-Trimethylbenzene	**0.0055**		0.0018	0.00053	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Vinyl acetate	ND		0.0088	0.0035	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Vinyl chloride	ND		0.00088	0.00033	mg/Kg		10/27/20 20:27	11/06/20 07:00	1
Xylenes, Total	**0.14**		0.0026	0.00062	mg/Kg		10/27/20 20:27	11/06/20 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/27/20 20:27*	*11/06/20 07:00*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*10/27/20 20:27*	*11/06/20 07:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/27/20 20:27*	*11/06/20 07:00*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/27/20 20:27*	*11/06/20 07:00*	*1*

Client Sample ID: MW-3,125
Date Collected: 10/27/20 15:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**	**J**	0.019	0.0094	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Benzene	**0.0067**		0.00095	0.00025	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Bromobenzene	ND		0.00095	0.00020	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Bromodichloromethane	ND		0.00095	0.00015	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Bromoform	ND		0.0048	0.0013	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Bromomethane	ND		0.019	0.0063	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Carbon disulfide	ND		0.0095	0.00038	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Carbon tetrachloride	ND		0.00095	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Chlorobenzene	ND		0.00095	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Chloroform	ND		0.00095	0.00056	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
2-Chlorotoluene	ND		0.00095	0.00024	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
4-Chlorotoluene	ND		0.00095	0.00023	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
c-1,2-Dichloroethene	ND		0.00095	0.00032	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
c-1,3-Dichloropropene	ND		0.00095	0.00033	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0065	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2-Dibromoethane	ND		0.00095	0.00020	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Dibromomethane	ND		0.00095	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,3-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,4-Dichlorobenzene	ND		0.00095	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1-Dichloroethane	ND		0.00095	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2-Dichloroethane	ND		0.00095	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1-Dichloroethene	ND		0.00095	0.00025	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2-Dichloropropane	ND		0.00095	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,3-Dichloropropane	ND		0.00095	0.00028	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,125
Date Collected: 10/27/20 15:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Di-isopropyl ether (DIPE)	ND		0.00095	0.00048	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Ethanol	ND		0.24	0.063	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Ethylbenzene	**0.0052**		0.00095	0.00020	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.00095	0.00023	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Isopropylbenzene	ND		0.00095	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Methylene Chloride	ND		0.0095	0.0030	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Methyl-t-Butyl Ether (MTBE)	**0.0042**		0.0019	0.00018	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
m,p-Xylene	**0.015**		0.0019	0.00045	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Naphthalene	**0.0051**	**J**	0.0095	0.0050	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
n-Butylbenzene	**0.00031**	**J**	0.00095	0.00020	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
N-Propylbenzene	**0.00074**	**J**	0.0019	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
o-Xylene	**0.0054**		0.00095	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
p-Isopropyltoluene	ND		0.00095	0.00067	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
sec-Butylbenzene	ND		0.00095	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Styrene	ND		0.00095	0.00067	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Tert-amyl-methyl ether (TAME)	ND		0.00095	0.00019	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0067	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
tert-Butylbenzene	ND		0.00095	0.00024	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1,1,2-Tetrachloroethane	ND		0.00095	0.00028	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Tetrachloroethene	ND		0.00095	0.00021	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Toluene	**0.0056**		0.00095	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
t-1,2-Dichloroethene	ND		0.00095	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00095	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1,1-Trichloroethane	ND		0.00095	0.00022	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1,2-Trichloroethane	ND		0.00095	0.00044	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Trichlorofluoromethane	ND		0.0095	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0095	0.00044	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,2,4-Trimethylbenzene	**0.0066**		0.0019	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
1,3,5-Trimethylbenzene	**0.0019**		0.0019	0.00057	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Vinyl acetate	ND		0.0095	0.0037	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Vinyl chloride	ND		0.00095	0.00036	mg/Kg		10/27/20 20:27	11/06/20 06:02	1
Xylenes, Total	**0.020**		0.0029	0.00067	mg/Kg		10/27/20 20:27	11/06/20 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*10/27/20 20:27*	*11/06/20 06:02*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*10/27/20 20:27*	*11/06/20 06:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 155*	*10/27/20 20:27*	*11/06/20 06:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/27/20 20:27*	*11/06/20 06:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,130
Date Collected: 10/27/20 15:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.021	0.010	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Benzene	**0.00085**	**J**	0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Bromodichloromethane	ND		0.0011	0.00017	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Bromoform	ND		0.0053	0.0014	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Bromomethane	ND		0.021	0.0070	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
2-Butanone	ND		0.021	0.0048	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Chloroethane	ND		0.0021	0.0016	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Chloroform	ND		0.0011	0.00063	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Chloromethane	ND		0.021	0.0016	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
c-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
c-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0072	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Ethanol	ND		0.27	0.070	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Ethylbenzene	**0.00064**	**J**	0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
2-Hexanone	ND		0.021	0.0033	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Isopropylbenzene	ND		0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
4-Methyl-2-pentanone	ND		0.021	0.0031	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Methyl-t-Butyl Ether (MTBE)	**0.00064**	**J**	0.0021	0.00020	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
m,p-Xylene	**0.0020**	**J**	0.0021	0.00050	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Naphthalene	ND		0.011	0.0055	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
N-Propylbenzene	ND		0.0021	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
o-Xylene	**0.00071**	**J**	0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
p-Isopropyltoluene	ND		0.0011	0.00074	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
sec-Butylbenzene	ND		0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,130
Date Collected: 10/27/20 15:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0011	0.00074	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0074	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00058	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Toluene	**0.00083**	**J**	0.0011	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
t-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
t-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2,3-Trichlorobenzene	ND		0.0021	0.0011	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00044	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2,3-Trichloropropane	ND		0.0021	0.00045	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,2,4-Trimethylbenzene	**0.00084**	**J**	0.0021	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00064	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg		10/27/20 20:27	11/06/20 06:31	1
Xylenes, Total	**0.0027**	**J**	0.0032	0.00075	mg/Kg		10/27/20 20:27	11/06/20 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*10/27/20 20:27*	*11/06/20 06:31*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*10/27/20 20:27*	*11/06/20 06:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*10/27/20 20:27*	*11/06/20 06:31*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*10/27/20 20:27*	*11/06/20 06:31*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,10
Date Collected: 10/27/20 12:40
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.078	0.043	mg/Kg		10/27/20 20:27	11/07/20 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*	*10/27/20 20:27*	*11/07/20 12:25*	*1*

Client Sample ID: MW-3,15
Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.058**	**J**	0.081	0.045	mg/Kg		10/27/20 20:27	11/07/20 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*	*10/27/20 20:27*	*11/07/20 12:50*	*1*

Client Sample ID: MW-3,20
Date Collected: 10/27/20 12:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.085	0.047	mg/Kg		10/27/20 20:27	11/07/20 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/27/20 20:27*	*11/07/20 13:15*	*1*

Client Sample ID: MW-3,25
Date Collected: 10/27/20 12:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.083	0.046	mg/Kg		10/27/20 20:27	11/07/20 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*	*10/27/20 20:27*	*11/07/20 13:40*	*1*

Client Sample ID: MW-3,30
Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.12**		0.091	0.051	mg/Kg		10/27/20 20:27	11/07/20 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*	*10/27/20 20:27*	*11/07/20 14:05*	*1*

Client Sample ID: MW-3,35
Date Collected: 10/27/20 13:15
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.31**		0.081	0.045	mg/Kg		10/27/20 20:27	11/07/20 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/27/20 20:27*	*11/07/20 14:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,40
Date Collected: 10/27/20 13:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.077	J	0.078	0.044	mg/Kg		10/27/20 20:27	11/07/20 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*	*10/27/20 20:27*	*11/07/20 14:55*	*1*

Client Sample ID: MW-3,45
Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.076	J	0.082	0.046	mg/Kg		10/27/20 20:27	11/07/20 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/27/20 20:27*	*11/07/20 15:21*	*1*

Client Sample ID: MW-3,50
Date Collected: 10/27/20 13:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.072	J	0.080	0.044	mg/Kg		10/27/20 20:27	11/07/20 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*	*10/27/20 20:27*	*11/07/20 15:46*	*1*

Client Sample ID: MW-3,55
Date Collected: 10/27/20 13:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.18		0.085	0.047	mg/Kg		10/27/20 20:27	11/07/20 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*10/27/20 20:27*	*11/07/20 16:11*	*1*

Client Sample ID: MW-3,60
Date Collected: 10/27/20 13:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.069	J	0.11	0.058	mg/Kg		10/27/20 20:27	11/07/20 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*10/27/20 20:27*	*11/07/20 17:01*	*1*

Client Sample ID: MW-3,65
Date Collected: 10/27/20 14:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	0.077	J	0.10	0.058	mg/Kg		10/27/20 20:27	11/07/20 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*	*10/27/20 20:27*	*11/07/20 17:26*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,70
Date Collected: 10/27/20 14:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.62**		0.083	0.046	mg/Kg		10/27/20 20:27	11/07/20 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*42 - 126*	*10/27/20 20:27*	*11/07/20 17:51*	*1*

Client Sample ID: MW-3,75
Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.064	mg/Kg		10/27/20 20:27	11/07/20 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*	*10/27/20 20:27*	*11/07/20 18:16*	*1*

Client Sample ID: MW-3,80
Date Collected: 10/27/20 14:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.062	mg/Kg		10/27/20 20:27	11/07/20 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*42 - 126*	*10/27/20 20:27*	*11/07/20 18:42*	*1*

Client Sample ID: MW-3,85
Date Collected: 10/27/20 14:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.061	mg/Kg		10/27/20 20:27	11/07/20 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*42 - 126*	*10/27/20 20:27*	*11/07/20 19:07*	*1*

Client Sample ID: MW-3,90
Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.060	mg/Kg		10/27/20 20:27	11/07/20 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*	*10/27/20 20:27*	*11/07/20 19:32*	*1*

Client Sample ID: MW-3,95
Date Collected: 10/27/20 14:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.11**	**J**	0.12	0.064	mg/Kg		10/27/20 20:27	11/07/20 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*	*10/27/20 20:27*	*11/07/20 19:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,100
Date Collected: 10/27/20 14:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.15**		0.097	0.054	mg/Kg		10/27/20 20:27	11/07/20 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*	*10/27/20 20:27*	*11/07/20 20:22*	*1*

Client Sample ID: MW-3,105
Date Collected: 10/27/20 15:00
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.056	mg/Kg		10/27/20 20:27	11/07/20 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*10/27/20 20:27*	*11/07/20 20:47*	*1*

Client Sample ID: MW-3,110
Date Collected: 10/27/20 15:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.11	0.062	mg/Kg		10/27/20 20:27	11/07/20 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*		*42 - 126*	*10/27/20 20:27*	*11/07/20 15:30*	*1*

Client Sample ID: MW-3,115
Date Collected: 10/27/20 15:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.093	0.052	mg/Kg		10/27/20 20:27	11/07/20 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*10/27/20 20:27*	*11/07/20 15:54*	*1*

Client Sample ID: MW-3,120
Date Collected: 10/27/20 15:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.32**		0.085	0.047	mg/Kg		10/27/20 20:27	11/07/20 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*		*42 - 126*	*10/27/20 20:27*	*11/07/20 16:19*	*1*

Client Sample ID: MW-3,125
Date Collected: 10/27/20 15:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.11**		0.093	0.051	mg/Kg		10/27/20 20:27	11/07/20 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*42 - 126*	*10/27/20 20:27*	*11/07/20 16:44*	*1*

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,130
Date Collected: 10/27/20 15:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.058	mg/Kg		10/27/20 20:27	11/07/20 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*		*42 - 126*	*10/27/20 20:27*	*11/07/20 17:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,10
Date Collected: 10/27/20 12:40
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*11/05/20 20:36*	*11/07/20 00:33*	*1*

Client Sample ID: MW-3,15
Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**200**	**Z**	4.9	3.7	mg/Kg		11/05/20 20:36	11/07/20 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/05/20 20:36*	*11/07/20 00:54*	*1*

Client Sample ID: MW-3,20
Date Collected: 10/27/20 12:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/05/20 20:36*	*11/07/20 01:16*	*1*

Client Sample ID: MW-3,25
Date Collected: 10/27/20 12:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/05/20 20:36	11/07/20 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*11/05/20 20:36*	*11/07/20 01:39*	*1*

Client Sample ID: MW-3,30
Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.7	mg/Kg		11/05/20 20:36	11/07/20 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/05/20 20:36*	*11/07/20 02:00*	*1*

Client Sample ID: MW-3,35
Date Collected: 10/27/20 13:15
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/05/20 20:36	11/07/20 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*11/05/20 20:36*	*11/07/20 02:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,40
Date Collected: 10/27/20 13:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/05/20 20:36*	*11/07/20 02:46*	*1*

Client Sample ID: MW-3,45
Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/05/20 20:36	11/07/20 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/05/20 20:36*	*11/07/20 03:07*	*1*

Client Sample ID: MW-3,50
Date Collected: 10/27/20 13:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/05/20 20:36*	*11/07/20 03:30*	*1*

Client Sample ID: MW-3,55
Date Collected: 10/27/20 13:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**6.3**	**Z**	4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/05/20 20:36*	*11/07/20 03:53*	*1*

Client Sample ID: MW-3,60
Date Collected: 10/27/20 13:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/05/20 20:36*	*11/07/20 04:38*	*1*

Client Sample ID: MW-3,65
Date Collected: 10/27/20 14:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/05/20 20:36	11/07/20 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*11/05/20 20:36*	*11/07/20 04:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,70
Date Collected: 10/27/20 14:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**3.8**	**J Z**	4.8	3.7	mg/Kg		11/05/20 20:36	11/07/20 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/05/20 20:36*	*11/07/20 05:22*	*1*

Client Sample ID: MW-3,75
Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.7	mg/Kg		11/05/20 20:36	11/07/20 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/05/20 20:36*	*11/07/20 05:44*	*1*

Client Sample ID: MW-3,80
Date Collected: 10/27/20 14:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**7.6**	**Z**	4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/05/20 20:36*	*11/07/20 06:07*	*1*

Client Sample ID: MW-3,85
Date Collected: 10/27/20 14:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.7	mg/Kg		11/05/20 20:36	11/07/20 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/05/20 20:36*	*11/07/20 06:30*	*1*

Client Sample ID: MW-3,90
Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*11/05/20 20:36*	*11/07/20 06:51*	*1*

Client Sample ID: MW-3,95
Date Collected: 10/27/20 14:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 07:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/05/20 20:36*	*11/07/20 07:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,100
Date Collected: 10/27/20 14:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/05/20 20:36*	*11/07/20 07:36*	*1*

Client Sample ID: MW-3,105
Date Collected: 10/27/20 15:00
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:36	11/07/20 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/05/20 20:36*	*11/07/20 07:59*	*1*

Client Sample ID: MW-3,110
Date Collected: 10/27/20 15:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**8.3**		4.9	3.8	mg/Kg		11/05/20 20:30	11/07/20 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/05/20 20:30*	*11/07/20 07:04*	*1*

Client Sample ID: MW-3,115
Date Collected: 10/27/20 15:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**9.3**		4.9	3.7	mg/Kg		11/05/20 20:30	11/07/20 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/05/20 20:30*	*11/07/20 07:26*	*1*

Client Sample ID: MW-3,120
Date Collected: 10/27/20 15:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**7.3**		4.9	3.8	mg/Kg		11/05/20 20:30	11/07/20 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*11/05/20 20:30*	*11/07/20 07:49*	*1*

Client Sample ID: MW-3,125
Date Collected: 10/27/20 15:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/05/20 20:30	11/07/20 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/05/20 20:30*	*11/07/20 08:11*	*1*

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,130
Date Collected: 10/27/20 15:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.9	3.8	mg/Kg		11/05/20 20:30	11/07/20 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*61 - 145*	*11/05/20 20:30*	*11/07/20 08:34*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(80-120)	(79-133)	(71-155)	(80-120)
570-42175-1	MW-3,10	99	100	103	101
570-42175-2	MW-3,15	105	99	101	101
570-42175-3	MW-3,20	100	99	101	102
570-42175-4	MW-3,25	101	98	99	99
570-42175-5	MW-3,30	101	97	102	97
570-42175-6	MW-3,35	102	100	106	101
570-42175-7	MW-3,40	102	100	105	101
570-42175-8	MW-3,45	101	100	106	99
570-42175-9	MW-3,50	101	99	105	100
570-42175-10	MW-3,55	100	99	105	99
570-42175-11	MW-3,60	102	103	108	100
570-42175-12	MW-3,65	92	113	119	98
570-42175-13	MW-3,70	96	105	108	101
570-42175-14	MW-3,75	91	116	120	98
570-42175-15	MW-3,80	92	114	120	98
570-42175-16	MW-3,85	97	111	116	101
570-42175-17	MW-3,90	92	110	116	100
570-42175-18	MW-3,95	96	111	117	101
570-42175-19	MW-3,100	95	110	111	100
570-42175-20	MW-3,105	92	109	111	100
570-42175-21	MW-3,110	91	113	116	98
570-42175-22	MW-3,115	96	114	117	100
570-42175-23	MW-3,120	100	109	111	99
570-42175-24	MW-3,125	97	112	115	102
570-42175-25	MW-3,130	92	111	113	97
LCS 570-107050/4	Lab Control Sample	98	100	98	102
LCS 570-107455/3	Lab Control Sample	102	104	102	100
LCSD 570-107050/5	Lab Control Sample Dup	102	101	98	102
LCSD 570-107455/4	Lab Control Sample Dup	103	102	102	100
MB 570-107050/7	Method Blank	100	104	105	101
MB 570-107455/6	Method Blank	92	111	113	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-42175-1	MW-3,10	101
570-42175-2	MW-3,15	92
570-42175-3	MW-3,20	89
570-42175-4	MW-3,25	92
570-42175-5	MW-3,30	97
570-42175-6	MW-3,35	89

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	BFB1 (42-126)								
570-42175-7	MW-3,40	94								
570-42175-8	MW-3,45	89								
570-42175-9	MW-3,50	95								
570-42175-10	MW-3,55	91								
570-42175-11	MW-3,60	89								
570-42175-12	MW-3,65	90								
570-42175-13	MW-3,70	99								
570-42175-14	MW-3,75	90								
570-42175-15	MW-3,80	87								
570-42175-16	MW-3,85	87								
570-42175-17	MW-3,90	95								
570-42175-18	MW-3,95	90								
570-42175-19	MW-3,100	95								
570-42175-20	MW-3,105	93								
570-42175-21	MW-3,110	60								
570-42175-22	MW-3,115	66								
570-42175-23	MW-3,120	60								
570-42175-24	MW-3,125	67								
570-42175-25	MW-3,130	65								
LCS 570-107863/3	Lab Control Sample	100								
LCS 570-107879/3	Lab Control Sample	80								
LCSD 570-107863/4	Lab Control Sample Dup	110								
LCSD 570-107879/6	Lab Control Sample Dup	74								
MB 570-107863/5	Method Blank	92								
MB 570-107879/5	Method Blank	55								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)								
440-274151-B-2-E MS	Matrix Spike	89								
440-274151-B-2-F MSD	Matrix Spike Duplicate	120								
570-42175-1	MW-3,10	101								
570-42175-1 MS	MW-3,10	92								
570-42175-1 MSD	MW-3,10	97								
570-42175-2	MW-3,15	96								
570-42175-3	MW-3,20	97								
570-42175-4	MW-3,25	99								
570-42175-5	MW-3,30	93								
570-42175-6	MW-3,35	103								
570-42175-7	MW-3,40	95								
570-42175-8	MW-3,45	100								
570-42175-9	MW-3,50	93								
570-42175-10	MW-3,55	97								
570-42175-11	MW-3,60	98								
570-42175-12	MW-3,65	87								

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)						
570-42175-13	MW-3,70	94						
570-42175-14	MW-3,75	95						
570-42175-15	MW-3,80	97						
570-42175-16	MW-3,85	94						
570-42175-17	MW-3,90	92						
570-42175-18	MW-3,95	95						
570-42175-19	MW-3,100	94						
570-42175-20	MW-3,105	90						
570-42175-21	MW-3,110	100						
570-42175-22	MW-3,115	100						
570-42175-23	MW-3,120	109						
570-42175-24	MW-3,125	98						
570-42175-25	MW-3,130	107						
LCS 570-107472/2-A	Lab Control Sample	105						
LCS 570-107473/2-A	Lab Control Sample	85						
LCSD 570-107472/3-A	Lab Control Sample Dup	105						
LCSD 570-107473/3-A	Lab Control Sample Dup	85						
MB 570-107472/1-A	Method Blank	101						
MB 570-107473/1-A	Method Blank	97						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-107050/7
Matrix: Solid
Analysis Batch: 107050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			11/04/20 18:38	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/04/20 18:38	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/04/20 18:38	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/04/20 18:38	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			11/04/20 18:38	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/04/20 18:38	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/04/20 18:38	1
2-Butanone	ND		0.020	0.0045	mg/Kg			11/04/20 18:38	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/04/20 18:38	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/04/20 18:38	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/04/20 18:38	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			11/04/20 18:38	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/04/20 18:38	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/04/20 18:38	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/04/20 18:38	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/04/20 18:38	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/04/20 18:38	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/04/20 18:38	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/04/20 18:38	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			11/04/20 18:38	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/04/20 18:38	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/04/20 18:38	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/04/20 18:38	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/04/20 18:38	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/04/20 18:38	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/04/20 18:38	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/04/20 18:38	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/04/20 18:38	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/04/20 18:38	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/04/20 18:38	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/04/20 18:38	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/04/20 18:38	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/04/20 18:38	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/04/20 18:38	1
Ethanol	ND		0.25	0.066	mg/Kg			11/04/20 18:38	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/04/20 18:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/04/20 18:38	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/04/20 18:38	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			11/04/20 18:38	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/04/20 18:38	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			11/04/20 18:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/04/20 18:38	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/04/20 18:38	1
Naphthalene	ND		0.010	0.0052	mg/Kg			11/04/20 18:38	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/04/20 18:38	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			11/04/20 18:38	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			11/04/20 18:38	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			11/04/20 18:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-107050/7
Matrix: Solid
Analysis Batch: 107050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			11/04/20 18:38	1
Styrene	ND		0.0010	0.00070	mg/Kg			11/04/20 18:38	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/04/20 18:38	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/04/20 18:38	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/04/20 18:38	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/04/20 18:38	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/04/20 18:38	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/04/20 18:38	1
Toluene	ND		0.0010	0.00060	mg/Kg			11/04/20 18:38	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/04/20 18:38	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/04/20 18:38	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			11/04/20 18:38	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/04/20 18:38	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/04/20 18:38	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/04/20 18:38	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/04/20 18:38	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/04/20 18:38	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/04/20 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/04/20 18:38	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/04/20 18:38	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/04/20 18:38	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/04/20 18:38	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/04/20 18:38	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			11/04/20 18:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/04/20 18:38*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*		*11/04/20 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*		*11/04/20 18:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/04/20 18:38*	*1*

Lab Sample ID: LCS 570-107050/4
Matrix: Solid
Analysis Batch: 107050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05154		mg/Kg		103	79 - 120
Carbon tetrachloride	0.0500	0.05424		mg/Kg		108	58 - 142
Chlorobenzene	0.0500	0.05270		mg/Kg		105	80 - 120
1,2-Dibromoethane	0.0500	0.05150		mg/Kg		103	80 - 120
1,2-Dichlorobenzene	0.0500	0.05265		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0500	0.05382		mg/Kg		108	79 - 121
1,1-Dichloroethene	0.0500	0.05318		mg/Kg		106	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.05189		mg/Kg		104	65 - 131
Ethanol	0.500	0.4773		mg/Kg		95	32 - 158
Ethylbenzene	0.0500	0.05242		mg/Kg		105	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.05115		mg/Kg		102	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04843		mg/Kg		97	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-107050/4
Matrix: Solid
Analysis Batch: 107050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	0.100	0.1032		mg/Kg		103	80 - 122
o-Xylene	0.0500	0.05144		mg/Kg		103	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-107050/5
Matrix: Solid
Analysis Batch: 107050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05230		mg/Kg		105	79 - 120	1	20
Carbon tetrachloride	0.0500	0.05412		mg/Kg		108	58 - 142	0	20
Chlorobenzene	0.0500	0.05350		mg/Kg		107	80 - 120	1	20
1,2-Dibromoethane	0.0500	0.05193		mg/Kg		104	80 - 120	1	20
1,2-Dichlorobenzene	0.0500	0.05465		mg/Kg		109	80 - 120	4	20
1,2-Dichloroethane	0.0500	0.05626		mg/Kg		113	79 - 121	4	20
1,1-Dichloroethene	0.0500	0.05287		mg/Kg		106	71 - 125	1	20
Di-isopropyl ether (DIPE)	0.0500	0.05295		mg/Kg		106	65 - 131	2	20
Ethanol	0.500	0.4666		mg/Kg		93	32 - 158	2	27
Ethylbenzene	0.0500	0.05348		mg/Kg		107	57 - 153	2	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.05236		mg/Kg		105	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05008		mg/Kg		100	64 - 124	3	20
m,p-Xylene	0.100	0.1057		mg/Kg		106	80 - 122	2	20
o-Xylene	0.0500	0.05227		mg/Kg		105	79 - 127	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-107455/6
Matrix: Solid
Analysis Batch: 107455

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			11/05/20 22:24	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/05/20 22:24	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/05/20 22:24	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/05/20 22:24	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			11/05/20 22:24	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/05/20 22:24	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/05/20 22:24	1
2-Butanone	ND		0.020	0.0045	mg/Kg			11/05/20 22:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-107455/6
Matrix: Solid
Analysis Batch: 107455

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/05/20 22:24	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/05/20 22:24	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/05/20 22:24	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			11/05/20 22:24	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/05/20 22:24	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/05/20 22:24	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/05/20 22:24	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/05/20 22:24	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/05/20 22:24	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/05/20 22:24	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/05/20 22:24	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			11/05/20 22:24	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/05/20 22:24	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/05/20 22:24	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/05/20 22:24	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/05/20 22:24	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/05/20 22:24	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/05/20 22:24	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/05/20 22:24	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/05/20 22:24	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/05/20 22:24	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/05/20 22:24	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/05/20 22:24	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/05/20 22:24	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/05/20 22:24	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/05/20 22:24	1
Ethanol	ND		0.25	0.066	mg/Kg			11/05/20 22:24	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/05/20 22:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/05/20 22:24	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/05/20 22:24	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			11/05/20 22:24	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/05/20 22:24	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			11/05/20 22:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/05/20 22:24	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/05/20 22:24	1
Naphthalene	ND		0.010	0.0052	mg/Kg			11/05/20 22:24	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/05/20 22:24	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			11/05/20 22:24	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			11/05/20 22:24	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			11/05/20 22:24	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			11/05/20 22:24	1
Styrene	ND		0.0010	0.00070	mg/Kg			11/05/20 22:24	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/05/20 22:24	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/05/20 22:24	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/05/20 22:24	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/05/20 22:24	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/05/20 22:24	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/05/20 22:24	1
Toluene	ND		0.0010	0.00060	mg/Kg			11/05/20 22:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-107455/6
Matrix: Solid
Analysis Batch: 107455

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/05/20 22:24	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/05/20 22:24	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			11/05/20 22:24	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/05/20 22:24	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/05/20 22:24	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/05/20 22:24	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/05/20 22:24	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/05/20 22:24	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/05/20 22:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/05/20 22:24	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/05/20 22:24	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/05/20 22:24	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/05/20 22:24	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/05/20 22:24	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			11/05/20 22:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*11/05/20 22:24*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*		*11/05/20 22:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*		*11/05/20 22:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/05/20 22:24*	*1*

Lab Sample ID: LCS 570-107455/3
Matrix: Solid
Analysis Batch: 107455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04643		mg/Kg		93	79 - 120
Carbon tetrachloride	0.0500	0.05332		mg/Kg		107	58 - 142
Chlorobenzene	0.0500	0.05059		mg/Kg		101	80 - 120
1,2-Dibromoethane	0.0500	0.05065		mg/Kg		101	80 - 120
1,2-Dichlorobenzene	0.0500	0.05041		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0500	0.05091		mg/Kg		102	79 - 121
1,1-Dichloroethene	0.0500	0.04666		mg/Kg		93	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.04207		mg/Kg		84	65 - 131
Ethanol	0.500	0.4480		mg/Kg		90	32 - 158
Ethylbenzene	0.0500	0.04968		mg/Kg		99	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.04217		mg/Kg		84	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04341		mg/Kg		87	64 - 124
m,p-Xylene	0.100	0.1011		mg/Kg		101	80 - 122
o-Xylene	0.0500	0.05077		mg/Kg		102	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-107455/4
Matrix: Solid
Analysis Batch: 107455

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04881		mg/Kg		98	79 - 120	5	20
Carbon tetrachloride			0.0500	0.05511		mg/Kg		110	58 - 142	3	20
Chlorobenzene			0.0500	0.05259		mg/Kg		105	80 - 120	4	20
1,2-Dibromoethane			0.0500	0.05275		mg/Kg		105	80 - 120	4	20
1,2-Dichlorobenzene			0.0500	0.05144		mg/Kg		103	80 - 120	2	20
1,2-Dichloroethane			0.0500	0.05464		mg/Kg		109	79 - 121	7	20
1,1-Dichloroethene			0.0500	0.04858		mg/Kg		97	71 - 125	4	20
Di-isopropyl ether (DIPE)			0.0500	0.04381		mg/Kg		88	65 - 131	4	20
Ethanol			0.500	0.4730		mg/Kg		95	32 - 158	5	27
Ethylbenzene			0.0500	0.05114		mg/Kg		102	57 - 153	3	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04468		mg/Kg		89	58 - 136	6	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04519		mg/Kg		90	64 - 124	4	20
m,p-Xylene			0.100	0.1044		mg/Kg		104	80 - 122	3	20
o-Xylene			0.0500	0.05288		mg/Kg		106	79 - 127	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-107863/5
Matrix: Solid
Analysis Batch: 107863

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.055	mg/Kg			11/07/20 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*		*11/07/20 11:58*	*1*

Lab Sample ID: LCS 570-107863/3
Matrix: Solid
Analysis Batch: 107863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.01	2.008		mg/Kg		100	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-107863/4
Matrix: Solid
Analysis Batch: 107863

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	1.931		mg/Kg		96	70 - 124	4	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*42 - 126*

Lab Sample ID: MB 570-107879/5
Matrix: Solid
Analysis Batch: 107879

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.099	0.055	mg/Kg			11/07/20 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*55*		*42 - 126*		*11/07/20 14:19*	*1*

Lab Sample ID: LCS 570-107879/3
Matrix: Solid
Analysis Batch: 107879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			1.99	1.890		mg/Kg		95	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*

Lab Sample ID: LCSD 570-107879/6
Matrix: Solid
Analysis Batch: 107879

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	1.786		mg/Kg		89	70 - 124	6	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-107472/1-A
Matrix: Solid
Analysis Batch: 107718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107472

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/05/20 20:30	11/07/20 04:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*11/05/20 20:30*	*11/07/20 04:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-107472/2-A
Matrix: Solid
Analysis Batch: 107718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107472

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	431.9		mg/Kg		108	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*61 - 145*

Lab Sample ID: LCSD 570-107472/3-A
Matrix: Solid
Analysis Batch: 107718

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107472

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	433.4		mg/Kg		108	67 - 121	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*61 - 145*

Lab Sample ID: 440-274151-B-2-E MS
Matrix: Solid
Analysis Batch: 107718

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107472

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	650		394	808.5		mg/Kg		40	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*61 - 145*

Lab Sample ID: 440-274151-B-2-F MSD
Matrix: Solid
Analysis Batch: 107718

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107472

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	650		384	971.2		mg/Kg		84	33 - 153	18	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*120*		*61 - 145*

Lab Sample ID: MB 570-107473/1-A
Matrix: Solid
Analysis Batch: 107607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/05/20 20:36	11/06/20 22:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/05/20 20:36*	*11/06/20 22:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-107473/2-A
Matrix: Solid
Analysis Batch: 107607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107473

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	354.9		mg/Kg		89	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*85*		*61 - 145*

Lab Sample ID: LCSD 570-107473/3-A
Matrix: Solid
Analysis Batch: 107607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107473

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	378.4		mg/Kg		95	67 - 121	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*85*		*61 - 145*

Lab Sample ID: 570-42175-1 MS
Matrix: Solid
Analysis Batch: 107607

Client Sample ID: MW-3,10
Prep Type: Total/NA
Prep Batch: 107473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	ND		386	397.0		mg/Kg		103	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: 570-42175-1 MSD
Matrix: Solid
Analysis Batch: 107607

Client Sample ID: MW-3,10
Prep Type: Total/NA
Prep Batch: 107473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	ND		396	419.4		mg/Kg		106	33 - 153	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*61 - 145*

GC/MS VOA

Prep Batch: 105066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	5035	
570-42175-2	MW-3,15	Total/NA	Solid	5035	
570-42175-3	MW-3,20	Total/NA	Solid	5035	
570-42175-4	MW-3,25	Total/NA	Solid	5035	
570-42175-5	MW-3,30	Total/NA	Solid	5035	
570-42175-6	MW-3,35	Total/NA	Solid	5035	
570-42175-7	MW-3,40	Total/NA	Solid	5035	
570-42175-8	MW-3,45	Total/NA	Solid	5035	
570-42175-9	MW-3,50	Total/NA	Solid	5035	
570-42175-10	MW-3,55	Total/NA	Solid	5035	
570-42175-11	MW-3,60	Total/NA	Solid	5035	
570-42175-12	MW-3,65	Total/NA	Solid	5035	
570-42175-13	MW-3,70	Total/NA	Solid	5035	
570-42175-14	MW-3,75	Total/NA	Solid	5035	
570-42175-15	MW-3,80	Total/NA	Solid	5035	
570-42175-16	MW-3,85	Total/NA	Solid	5035	
570-42175-17	MW-3,90	Total/NA	Solid	5035	
570-42175-18	MW-3,95	Total/NA	Solid	5035	
570-42175-19	MW-3,100	Total/NA	Solid	5035	
570-42175-20	MW-3,105	Total/NA	Solid	5035	
570-42175-21	MW-3,110	Total/NA	Solid	5035	
570-42175-22	MW-3,115	Total/NA	Solid	5035	
570-42175-23	MW-3,120	Total/NA	Solid	5035	
570-42175-24	MW-3,125	Total/NA	Solid	5035	
570-42175-25	MW-3,130	Total/NA	Solid	5035	

Analysis Batch: 107050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	8260B	105066
570-42175-2	MW-3,15	Total/NA	Solid	8260B	105066
570-42175-3	MW-3,20	Total/NA	Solid	8260B	105066
570-42175-4	MW-3,25	Total/NA	Solid	8260B	105066
570-42175-5	MW-3,30	Total/NA	Solid	8260B	105066
570-42175-6	MW-3,35	Total/NA	Solid	8260B	105066
570-42175-7	MW-3,40	Total/NA	Solid	8260B	105066
570-42175-8	MW-3,45	Total/NA	Solid	8260B	105066
570-42175-9	MW-3,50	Total/NA	Solid	8260B	105066
570-42175-10	MW-3,55	Total/NA	Solid	8260B	105066
570-42175-11	MW-3,60	Total/NA	Solid	8260B	105066
MB 570-107050/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-107050/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-107050/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 107455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-12	MW-3,65	Total/NA	Solid	8260B	105066
570-42175-13	MW-3,70	Total/NA	Solid	8260B	105066
570-42175-14	MW-3,75	Total/NA	Solid	8260B	105066
570-42175-15	MW-3,80	Total/NA	Solid	8260B	105066
570-42175-16	MW-3,85	Total/NA	Solid	8260B	105066
570-42175-17	MW-3,90	Total/NA	Solid	8260B	105066

GC/MS VOA (Continued)

Analysis Batch: 107455 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-18	MW-3,95	Total/NA	Solid	8260B	105066
570-42175-19	MW-3,100	Total/NA	Solid	8260B	105066
570-42175-20	MW-3,105	Total/NA	Solid	8260B	105066
570-42175-21	MW-3,110	Total/NA	Solid	8260B	105066
570-42175-22	MW-3,115	Total/NA	Solid	8260B	105066
570-42175-23	MW-3,120	Total/NA	Solid	8260B	105066
570-42175-24	MW-3,125	Total/NA	Solid	8260B	105066
570-42175-25	MW-3,130	Total/NA	Solid	8260B	105066
MB 570-107455/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-107455/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-107455/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 105066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	5035	
570-42175-2	MW-3,15	Total/NA	Solid	5035	
570-42175-3	MW-3,20	Total/NA	Solid	5035	
570-42175-4	MW-3,25	Total/NA	Solid	5035	
570-42175-5	MW-3,30	Total/NA	Solid	5035	
570-42175-6	MW-3,35	Total/NA	Solid	5035	
570-42175-7	MW-3,40	Total/NA	Solid	5035	
570-42175-8	MW-3,45	Total/NA	Solid	5035	
570-42175-9	MW-3,50	Total/NA	Solid	5035	
570-42175-10	MW-3,55	Total/NA	Solid	5035	
570-42175-11	MW-3,60	Total/NA	Solid	5035	
570-42175-12	MW-3,65	Total/NA	Solid	5035	
570-42175-13	MW-3,70	Total/NA	Solid	5035	
570-42175-14	MW-3,75	Total/NA	Solid	5035	
570-42175-15	MW-3,80	Total/NA	Solid	5035	
570-42175-16	MW-3,85	Total/NA	Solid	5035	
570-42175-17	MW-3,90	Total/NA	Solid	5035	
570-42175-18	MW-3,95	Total/NA	Solid	5035	
570-42175-19	MW-3,100	Total/NA	Solid	5035	
570-42175-20	MW-3,105	Total/NA	Solid	5035	
570-42175-21	MW-3,110	Total/NA	Solid	5035	
570-42175-22	MW-3,115	Total/NA	Solid	5035	
570-42175-23	MW-3,120	Total/NA	Solid	5035	
570-42175-24	MW-3,125	Total/NA	Solid	5035	
570-42175-25	MW-3,130	Total/NA	Solid	5035	

Analysis Batch: 107863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	8015B	105066
570-42175-2	MW-3,15	Total/NA	Solid	8015B	105066
570-42175-3	MW-3,20	Total/NA	Solid	8015B	105066
570-42175-4	MW-3,25	Total/NA	Solid	8015B	105066
570-42175-5	MW-3,30	Total/NA	Solid	8015B	105066
570-42175-6	MW-3,35	Total/NA	Solid	8015B	105066
570-42175-7	MW-3,40	Total/NA	Solid	8015B	105066

GC VOA (Continued)

Analysis Batch: 107863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-8	MW-3,45	Total/NA	Solid	8015B	105066
570-42175-9	MW-3,50	Total/NA	Solid	8015B	105066
570-42175-10	MW-3,55	Total/NA	Solid	8015B	105066
570-42175-11	MW-3,60	Total/NA	Solid	8015B	105066
570-42175-12	MW-3,65	Total/NA	Solid	8015B	105066
570-42175-13	MW-3,70	Total/NA	Solid	8015B	105066
570-42175-14	MW-3,75	Total/NA	Solid	8015B	105066
570-42175-15	MW-3,80	Total/NA	Solid	8015B	105066
570-42175-16	MW-3,85	Total/NA	Solid	8015B	105066
570-42175-17	MW-3,90	Total/NA	Solid	8015B	105066
570-42175-18	MW-3,95	Total/NA	Solid	8015B	105066
570-42175-19	MW-3,100	Total/NA	Solid	8015B	105066
570-42175-20	MW-3,105	Total/NA	Solid	8015B	105066
MB 570-107863/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-107863/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-107863/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 107879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-21	MW-3,110	Total/NA	Solid	8015B	105066
570-42175-22	MW-3,115	Total/NA	Solid	8015B	105066
570-42175-23	MW-3,120	Total/NA	Solid	8015B	105066
570-42175-24	MW-3,125	Total/NA	Solid	8015B	105066
570-42175-25	MW-3,130	Total/NA	Solid	8015B	105066
MB 570-107879/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-107879/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-107879/6	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 107472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-21	MW-3,110	Total/NA	Solid	3550C	
570-42175-22	MW-3,115	Total/NA	Solid	3550C	
570-42175-23	MW-3,120	Total/NA	Solid	3550C	
570-42175-24	MW-3,125	Total/NA	Solid	3550C	
570-42175-25	MW-3,130	Total/NA	Solid	3550C	
MB 570-107472/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-107472/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-107472/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-274151-B-2-E MS	Matrix Spike	Total/NA	Solid	3550C	
440-274151-B-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Prep Batch: 107473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	3550C	
570-42175-2	MW-3,15	Total/NA	Solid	3550C	
570-42175-3	MW-3,20	Total/NA	Solid	3550C	
570-42175-4	MW-3,25	Total/NA	Solid	3550C	
570-42175-5	MW-3,30	Total/NA	Solid	3550C	
570-42175-6	MW-3,35	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 107473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-7	MW-3,40	Total/NA	Solid	3550C	
570-42175-8	MW-3,45	Total/NA	Solid	3550C	
570-42175-9	MW-3,50	Total/NA	Solid	3550C	
570-42175-10	MW-3,55	Total/NA	Solid	3550C	
570-42175-11	MW-3,60	Total/NA	Solid	3550C	
570-42175-12	MW-3,65	Total/NA	Solid	3550C	
570-42175-13	MW-3,70	Total/NA	Solid	3550C	
570-42175-14	MW-3,75	Total/NA	Solid	3550C	
570-42175-15	MW-3,80	Total/NA	Solid	3550C	
570-42175-16	MW-3,85	Total/NA	Solid	3550C	
570-42175-17	MW-3,90	Total/NA	Solid	3550C	
570-42175-18	MW-3,95	Total/NA	Solid	3550C	
570-42175-19	MW-3,100	Total/NA	Solid	3550C	
570-42175-20	MW-3,105	Total/NA	Solid	3550C	
MB 570-107473/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-107473/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-107473/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-42175-1 MS	MW-3,10	Total/NA	Solid	3550C	
570-42175-1 MSD	MW-3,10	Total/NA	Solid	3550C	

Analysis Batch: 107607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-1	MW-3,10	Total/NA	Solid	8015B	107473
570-42175-2	MW-3,15	Total/NA	Solid	8015B	107473
570-42175-3	MW-3,20	Total/NA	Solid	8015B	107473
570-42175-4	MW-3,25	Total/NA	Solid	8015B	107473
570-42175-5	MW-3,30	Total/NA	Solid	8015B	107473
570-42175-6	MW-3,35	Total/NA	Solid	8015B	107473
570-42175-7	MW-3,40	Total/NA	Solid	8015B	107473
570-42175-8	MW-3,45	Total/NA	Solid	8015B	107473
570-42175-9	MW-3,50	Total/NA	Solid	8015B	107473
570-42175-10	MW-3,55	Total/NA	Solid	8015B	107473
570-42175-11	MW-3,60	Total/NA	Solid	8015B	107473
570-42175-12	MW-3,65	Total/NA	Solid	8015B	107473
570-42175-13	MW-3,70	Total/NA	Solid	8015B	107473
570-42175-14	MW-3,75	Total/NA	Solid	8015B	107473
570-42175-15	MW-3,80	Total/NA	Solid	8015B	107473
570-42175-16	MW-3,85	Total/NA	Solid	8015B	107473
570-42175-17	MW-3,90	Total/NA	Solid	8015B	107473
570-42175-18	MW-3,95	Total/NA	Solid	8015B	107473
570-42175-19	MW-3,100	Total/NA	Solid	8015B	107473
570-42175-20	MW-3,105	Total/NA	Solid	8015B	107473
MB 570-107473/1-A	Method Blank	Total/NA	Solid	8015B	107473
LCS 570-107473/2-A	Lab Control Sample	Total/NA	Solid	8015B	107473
LCSD 570-107473/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	107473
570-42175-1 MS	MW-3,10	Total/NA	Solid	8015B	107473
570-42175-1 MSD	MW-3,10	Total/NA	Solid	8015B	107473

Analysis Batch: 107718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-21	MW-3,110	Total/NA	Solid	8015B	107472

GC Semi VOA (Continued)

Analysis Batch: 107718 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42175-22	MW-3,115	Total/NA	Solid	8015B	107472
570-42175-23	MW-3,120	Total/NA	Solid	8015B	107472
570-42175-24	MW-3,125	Total/NA	Solid	8015B	107472
570-42175-25	MW-3,130	Total/NA	Solid	8015B	107472
MB 570-107472/1-A	Method Blank	Total/NA	Solid	8015B	107472
LCS 570-107472/2-A	Lab Control Sample	Total/NA	Solid	8015B	107472
LCSD 570-107472/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	107472
440-274151-B-2-E MS	Matrix Spike	Total/NA	Solid	8015B	107472
440-274151-B-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	107472

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,10

Date Collected: 10/27/20 12:40
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.40 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/04/20 22:06	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.42 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 12:25	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.20 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 00:33	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,15

Date Collected: 10/27/20 12:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.14 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/04/20 22:32	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.14 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 12:50	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.30 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 00:54	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,20

Date Collected: 10/27/20 12:50
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.10 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/04/20 22:58	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.90 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 13:15	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.15 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 01:16	UJ3K	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,25

Date Collected: 10/27/20 12:55
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.67 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/04/20 23:24	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.01 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 13:40	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.34 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 01:39	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,30

Date Collected: 10/27/20 13:05
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.22 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/04/20 23:49	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.50 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 14:05	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.28 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 02:00	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,35

Date Collected: 10/27/20 13:15
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.39 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 00:15	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.16 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 14:30	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.38 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 02:23	UJ3K	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,40

Date Collected: 10/27/20 13:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.30 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 00:40	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.38 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 14:55	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.12 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 02:46	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,45

Date Collected: 10/27/20 13:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.96 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 01:06	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.09 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 15:21	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.39 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 03:07	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,50

Date Collected: 10/27/20 13:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.26 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 01:32	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			6.28 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 15:46	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.25 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 03:30	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,55

Lab Sample ID: 570-42175-10

Date Collected: 10/27/20 13:45

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.11 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 01:58	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.90 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 16:11	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.22 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 03:53	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,60

Lab Sample ID: 570-42175-11

Date Collected: 10/27/20 13:55

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107050	11/05/20 02:23	U4JL	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			4.76 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 17:01	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.12 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 04:38	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,65

Lab Sample ID: 570-42175-12

Date Collected: 10/27/20 14:05

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.35 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 00:48	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.77 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 17:26	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.35 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 04:59	UJ3K	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,70

Date Collected: 10/27/20 14:10
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.72 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 01:16	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			6.03 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 17:51	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.48 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 05:22	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,75

Date Collected: 10/27/20 14:20
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.22 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 01:45	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.37 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 18:16	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.28 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 05:44	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,80

Date Collected: 10/27/20 14:25
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.58 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 02:14	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.45 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 18:42	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.22 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 06:07	UJ3K	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,85

Date Collected: 10/27/20 14:30
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.51 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 02:43	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.54 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 19:07	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.26 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 06:30	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,90

Date Collected: 10/27/20 14:35
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.44 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 03:12	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.64 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 19:32	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.18 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 06:51	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,95

Date Collected: 10/27/20 14:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.25 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 03:40	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.31 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 19:57	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.16 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 07:14	UJ3K	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,100

Lab Sample ID: 570-42175-19

Date Collected: 10/27/20 14:50

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.61 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 04:09	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.15 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 20:22	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.21 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 07:36	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,105

Lab Sample ID: 570-42175-20

Date Collected: 10/27/20 15:00

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.88 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 04:38	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.96 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107863	11/07/20 20:47	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.24 g	10 mL	107473	11/05/20 20:36	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107607	11/07/20 07:59	UJ3K	ECL 1
	Instrument ID: GC47									

Client Sample ID: MW-3,110

Lab Sample ID: 570-42175-21

Date Collected: 10/27/20 15:05

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.65 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 05:06	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.49 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107879	11/07/20 15:30	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.18 g	10 mL	107472	11/05/20 20:30	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107718	11/07/20 07:04	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,115

Lab Sample ID: 570-42175-22

Date Collected: 10/27/20 15:10

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.38 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 05:34	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.38 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107879	11/07/20 15:54	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.28 g	10 mL	107472	11/05/20 20:30	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107718	11/07/20 07:26	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,120

Lab Sample ID: 570-42175-23

Date Collected: 10/27/20 15:20

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.67 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 07:00	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.87 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107879	11/07/20 16:19	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.20 g	10 mL	107472	11/05/20 20:30	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107718	11/07/20 07:49	A1W	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,125

Lab Sample ID: 570-42175-24

Date Collected: 10/27/20 15:35

Matrix: Solid

Date Received: 10/27/20 17:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.24 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 06:02	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			5.40 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107879	11/07/20 16:44	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.36 g	10 mL	107472	11/05/20 20:30	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107718	11/07/20 08:11	A1W	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Client Sample ID: MW-3,130
Date Collected: 10/27/20 15:45
Date Received: 10/27/20 17:30

Lab Sample ID: 570-42175-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.70 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107455	11/06/20 06:31	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035			4.79 g	5 mL	105066	10/27/20 20:27	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 mL	5 mL	107879	11/07/20 17:08	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.18 g	10 mL	107472	11/05/20 20:30	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			107718	11/07/20 08:34	A1W	ECL 1
	Instrument ID: GC46									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42175-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-42175-1	MW-3,10	Solid	10/27/20 12:40	10/27/20 17:30	
570-42175-2	MW-3,15	Solid	10/27/20 12:45	10/27/20 17:30	
570-42175-3	MW-3,20	Solid	10/27/20 12:50	10/27/20 17:30	
570-42175-4	MW-3,25	Solid	10/27/20 12:55	10/27/20 17:30	
570-42175-5	MW-3,30	Solid	10/27/20 13:05	10/27/20 17:30	
570-42175-6	MW-3,35	Solid	10/27/20 13:15	10/27/20 17:30	
570-42175-7	MW-3,40	Solid	10/27/20 13:25	10/27/20 17:30	
570-42175-8	MW-3,45	Solid	10/27/20 13:30	10/27/20 17:30	
570-42175-9	MW-3,50	Solid	10/27/20 13:35	10/27/20 17:30	
570-42175-10	MW-3,55	Solid	10/27/20 13:45	10/27/20 17:30	
570-42175-11	MW-3,60	Solid	10/27/20 13:55	10/27/20 17:30	
570-42175-12	MW-3,65	Solid	10/27/20 14:05	10/27/20 17:30	
570-42175-13	MW-3,70	Solid	10/27/20 14:10	10/27/20 17:30	
570-42175-14	MW-3,75	Solid	10/27/20 14:20	10/27/20 17:30	
570-42175-15	MW-3,80	Solid	10/27/20 14:25	10/27/20 17:30	
570-42175-16	MW-3,85	Solid	10/27/20 14:30	10/27/20 17:30	
570-42175-17	MW-3,90	Solid	10/27/20 14:35	10/27/20 17:30	
570-42175-18	MW-3,95	Solid	10/27/20 14:45	10/27/20 17:30	
570-42175-19	MW-3,100	Solid	10/27/20 14:50	10/27/20 17:30	
570-42175-20	MW-3,105	Solid	10/27/20 15:00	10/27/20 17:30	
570-42175-21	MW-3,110	Solid	10/27/20 15:05	10/27/20 17:30	
570-42175-22	MW-3,115	Solid	10/27/20 15:10	10/27/20 17:30	
570-42175-23	MW-3,120	Solid	10/27/20 15:20	10/27/20 17:30	
570-42175-24	MW-3,125	Solid	10/27/20 15:35	10/27/20 17:30	
570-42175-25	MW-3,130	Solid	10/27/20 15:45	10/27/20 17:30	

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ExxonMobil Analysis Request/Chain of Custody

ECI WO# 42175

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

570-42175 Chain of Custody

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	Analyses Requested: EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
MW-3, 10	MW-3	10-27-20	1240	X		X			X	X	X	X	1 Sleeve, 5 encores
MW-3, 15			1245										
MW-3, 20			1250										
MW-3, 25			1255										
MW-3, 30			1305										
MW-3, 35			1315										
MW-3, 40			1325										
MW-3, 45			1330										
MW-3, 50			1335										
MW-3, 55			1345										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10-27-20	1550	[signature]	10/27/20	1550
[signature]	10/27/20	1730	[signature]	10/27/20	1730

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Date Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

3.6/2.9 SHG.

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ExxonMobil Analysis Request/Chain of Custody

42175

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor		Analyses Requested: EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
1	MW-3, 60	MW-3	10-27-20	1355	X		X				X	X	X	X	1 sleeve, 5 encores
2	MW-3, 65			1405											
3	MW-3, 70			1410											
4	MW-3, 75			1420											
5	MW-3, 80			1425											
6	MW-3, 85			1430											
7	MW-3, 90			1435											
8	MW-3, 95			1445											
9	MW-3, 100			1450											
10	MW-3, 105			1500											

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Relinquished by:	Date	Time	Received by:	Date	Time
	10-27-20	1550	EC	10/27/20	1550
	10/27/20	1730	EC	10/27/20	1730

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: | Date | Time

Custody Seals Intact? Yes No

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

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ExxonMobil Analysis Request/Chain of Custody

42175

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 3 of 3

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

	Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Comments / Container Type:
1	MW-3, 110	MW-3	10-27-20	1505	X		X			X	X	X	X	1 sleeve, 5 encores
2	MW-3, 115			1510										
3	MW-3, 120			1520										
4	MW-3, 125			1535										
5	MW-3, 130			1545										

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard | 5 day | 4day | 72hour | 48hour | 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	10-27-20	1550		10/27/20	1550
Rudy	10/27/20	1730	Michael Eri	10/27/20	1730
Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____			Received by:	Date	Time
Temperature upon receipt ____°C			Custody Seals Intact? Yes No		

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-42175-1

Login Number: 42175
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-42276-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Ryan Haughy

Authorized for release by:
11/11/2020 8:52:10 AM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z	The chromatographic response does not resemble a typical fuel pattern.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Job ID: 570-42276-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-42276-1

Comments
No additional comments.

Receipt
The samples were received on 10/28/2020 5:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-107537.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-107405.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Client Sample ID: MW-3,135 — Lab Sample ID: 570-42276-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.020	0.0099	mg/Kg	1		8260B	Total/NA
Benzene	0.00047	J	0.0010	0.00026	mg/Kg	1		8260B	Total/NA
Ethanol	0.083	J	0.25	0.066	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00062	J	0.0010	0.00021	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0022		0.0020	0.00047	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00094	J	0.0010	0.00060	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0075	J	0.020	0.0070	mg/Kg	1		8260B	Total/NA
Toluene	0.00077	J	0.0010	0.00060	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0018	J	0.0020	0.00060	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0031		0.0030	0.00071	mg/Kg	1		8260B	Total/NA

Client Sample ID: MW-3,140 — Lab Sample ID: 570-42276-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0087	J	0.017	0.0085	mg/Kg	1		8260B	Total/NA
Benzene	0.0018		0.00087	0.00022	mg/Kg	1		8260B	Total/NA
1,2-Dichloroethane	0.0019		0.00087	0.00024	mg/Kg	1		8260B	Total/NA
Ethanol	0.069	J	0.22	0.057	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.0035		0.00087	0.00018	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0072		0.0017	0.00016	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0077		0.0017	0.00041	mg/Kg	1		8260B	Total/NA
n-Butylbenzene	0.00057	J	0.00087	0.00018	mg/Kg	1		8260B	Total/NA
N-Propylbenzene	0.00053	J	0.0017	0.00052	mg/Kg	1		8260B	Total/NA
o-Xylene	0.0016		0.00087	0.00052	mg/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0086	J	0.017	0.0061	mg/Kg	1		8260B	Total/NA
Tetrachloroethene	0.00023	J	0.00087	0.00019	mg/Kg	1		8260B	Total/NA
Toluene	0.00069	J	0.00087	0.00052	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0055		0.0017	0.00052	mg/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.00092	J	0.0017	0.00052	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0093		0.0026	0.00061	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.084	J	0.097	0.054	mg/Kg	1		8015B	Total/NA
TPH as Diesel (C13-C22)	4.1	J Z	5.0	3.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,145 — Lab Sample ID: 570-42276-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00068	J	0.00093	0.00024	mg/Kg	1		8260B	Total/NA
1,2-Dichloroethane	0.00042	J	0.00093	0.00026	mg/Kg	1		8260B	Total/NA
Ethanol	0.070	J	0.23	0.061	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00082	J	0.00093	0.00019	mg/Kg	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	0.0013	J	0.0019	0.00018	mg/Kg	1		8260B	Total/NA
m,p-Xylene	0.0020		0.0019	0.00044	mg/Kg	1		8260B	Total/NA
o-Xylene	0.00069	J	0.00093	0.00056	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.0013	J	0.0019	0.00056	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.0027	J	0.0028	0.00066	mg/Kg	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	0.071	J	0.096	0.053	mg/Kg	1		8015B	Total/NA

Client Sample ID: MW-3,150 — Lab Sample ID: 570-42276-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00027	J	0.00095	0.00024	mg/Kg	1		8260B	Total/NA
Ethylbenzene	0.00032	J	0.00095	0.00020	mg/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Client Sample ID: MW-3,150 (Continued)

Lab Sample ID: 570-42276-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	0.00084	J	0.0019	0.00045	mg/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.00081	J	0.0019	0.00057	mg/Kg	1		8260B	Total/NA
Xylenes, Total	0.00084	J	0.0028	0.00067	mg/Kg	1		8260B	Total/NA
TPH as Diesel (C13-C22)	5.7	Z	4.9	3.8	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,135
Date Collected: 10/28/20 11:35
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.020	0.0099	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Benzene	**0.00047**	**J**	0.0010	0.00026	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Bromoform	ND		0.0050	0.0013	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Bromomethane	ND		0.020	0.0066	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
2-Butanone	ND		0.020	0.0045	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Chloroethane	ND		0.0020	0.0015	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Chloroform	ND		0.0010	0.00059	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Chloromethane	ND		0.020	0.0015	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Ethanol	**0.083**	**J**	0.25	0.066	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Ethylbenzene	**0.00062**	**J**	0.0010	0.00021	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
m,p-Xylene	**0.0022**		0.0020	0.00047	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Naphthalene	ND		0.010	0.0052	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
o-Xylene	**0.00094**	**J**	0.0010	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,135
Date Collected: 10/28/20 11:35
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0010	0.00070	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
tert-Butyl alcohol (TBA)	**0.0075**	**J**	0.020	0.0070	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Toluene	**0.00077**	**J**	0.0010	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,2,4-Trimethylbenzene	**0.0018**	**J**	0.0020	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		10/28/20 20:06	11/06/20 15:41	1
Xylenes, Total	**0.0031**		0.0030	0.00071	mg/Kg		10/28/20 20:06	11/06/20 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*10/28/20 20:06*	*11/06/20 15:41*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*10/28/20 20:06*	*11/06/20 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/28/20 20:06*	*11/06/20 15:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/28/20 20:06*	*11/06/20 15:41*	*1*

Client Sample ID: MW-3,140
Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0087**	**J**	0.017	0.0085	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Benzene	**0.0018**		0.00087	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Bromobenzene	ND		0.00087	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Bromochloromethane	ND		0.0017	0.00039	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Bromodichloromethane	ND		0.00087	0.00014	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Bromoform	ND		0.0043	0.0011	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Bromomethane	ND		0.017	0.0057	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
2-Butanone	ND		0.017	0.0039	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Carbon disulfide	ND		0.0087	0.00035	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Carbon tetrachloride	ND		0.00087	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Chlorobenzene	ND		0.00087	0.00023	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Chloroethane	ND		0.0017	0.0013	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Chloroform	ND		0.00087	0.00051	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Chloromethane	ND		0.017	0.0013	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
2-Chlorotoluene	ND		0.00087	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
4-Chlorotoluene	ND		0.00087	0.00021	mg/Kg		10/28/20 20:06	11/06/20 16:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,140
Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		0.00087	0.00029	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
c-1,3-Dichloropropene	ND		0.00087	0.00030	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Dibromochloromethane	ND		0.0017	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2-Dibromo-3-Chloropropane	ND		0.0087	0.0059	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2-Dibromoethane	ND		0.00087	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Dibromomethane	ND		0.00087	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,3-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,4-Dichlorobenzene	ND		0.00087	0.00027	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Dichlorodifluoromethane	ND		0.0017	0.00039	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1-Dichloroethane	ND		0.00087	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2-Dichloroethane	**0.0019**		0.00087	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1-Dichloroethene	ND		0.00087	0.00023	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2-Dichloropropane	ND		0.00087	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,3-Dichloropropane	ND		0.00087	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
2,2-Dichloropropane	ND		0.0043	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1-Dichloropropene	ND		0.0017	0.00034	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Di-isopropyl ether (DIPE)	ND		0.00087	0.00043	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Ethanol	**0.069**	**J**	0.22	0.057	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Ethylbenzene	**0.0035**		0.00087	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.00087	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
2-Hexanone	ND		0.017	0.0027	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Isopropylbenzene	ND		0.00087	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Methylene Chloride	ND		0.0087	0.0027	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
4-Methyl-2-pentanone	ND		0.017	0.0025	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Methyl-t-Butyl Ether (MTBE)	**0.0072**		0.0017	0.00016	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
m,p-Xylene	**0.0077**		0.0017	0.00041	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Naphthalene	ND		0.0087	0.0045	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
n-Butylbenzene	**0.00057**	**J**	0.00087	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
N-Propylbenzene	**0.00053**	**J**	0.0017	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
o-Xylene	**0.0016**		0.00087	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
p-Isopropyltoluene	ND		0.00087	0.00061	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
sec-Butylbenzene	ND		0.00087	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Styrene	ND		0.00087	0.00061	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Tert-amyl-methyl ether (TAME)	ND		0.00087	0.00017	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
tert-Butyl alcohol (TBA)	**0.0086**	**J**	0.017	0.0061	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
tert-Butylbenzene	ND		0.00087	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1,1,2-Tetrachloroethane	ND		0.00087	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00047	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Tetrachloroethene	**0.00023**	**J**	0.00087	0.00019	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Toluene	**0.00069**	**J**	0.00087	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
t-1,2-Dichloroethene	ND		0.00087	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
t-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00087	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00036	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1,1-Trichloroethane	ND		0.00087	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1,2-Trichloroethane	ND		0.00087	0.00040	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Trichloroethene	ND		0.0017	0.00034	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Trichlorofluoromethane	ND		0.0087	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,140
Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.0017	0.00036	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0087	0.00040	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,2,4-Trimethylbenzene	**0.0055**		0.0017	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
1,3,5-Trimethylbenzene	**0.00092**	**J**	0.0017	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Vinyl acetate	ND		0.0087	0.0034	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Vinyl chloride	ND		0.00087	0.00033	mg/Kg		10/28/20 20:06	11/06/20 16:06	1
Xylenes, Total	**0.0093**		0.0026	0.00061	mg/Kg		10/28/20 20:06	11/06/20 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:06*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*10/28/20 20:06*	*11/06/20 16:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/28/20 20:06*	*11/06/20 16:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:06*	*1*

Client Sample ID: MW-3,145
Date Collected: 10/28/20 11:55
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0092	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Benzene	**0.00068**	**J**	0.00093	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Bromobenzene	ND		0.00093	0.00019	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Bromochloromethane	ND		0.0019	0.00041	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Bromodichloromethane	ND		0.00093	0.00015	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Bromoform	ND		0.0047	0.0012	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Bromomethane	ND		0.019	0.0061	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
2-Butanone	ND		0.019	0.0042	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Carbon disulfide	ND		0.0093	0.00037	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Carbon tetrachloride	ND		0.00093	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Chlorobenzene	ND		0.00093	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Chloroform	ND		0.00093	0.00055	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Chloromethane	ND		0.019	0.0014	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
2-Chlorotoluene	ND		0.00093	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
4-Chlorotoluene	ND		0.00093	0.00023	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
c-1,2-Dichloroethene	ND		0.00093	0.00031	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
c-1,3-Dichloropropene	ND		0.00093	0.00033	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Dibromochloromethane	ND		0.0019	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2-Dibromo-3-Chloropropane	ND		0.0093	0.0063	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2-Dibromoethane	ND		0.00093	0.00019	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Dibromomethane	ND		0.00093	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,3-Dichlorobenzene	ND		0.00093	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,4-Dichlorobenzene	ND		0.00093	0.00029	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Dichlorodifluoromethane	ND		0.0019	0.00042	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1-Dichloroethane	ND		0.00093	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2-Dichloroethane	**0.00042**	**J**	0.00093	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1-Dichloroethene	ND		0.00093	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2-Dichloropropane	ND		0.00093	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,3-Dichloropropane	ND		0.00093	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
2,2-Dichloropropane	ND		0.0047	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,145
Date Collected: 10/28/20 11:55
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Di-isopropyl ether (DIPE)	ND		0.00093	0.00047	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Ethanol	**0.070**	**J**	0.23	0.061	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Ethylbenzene	**0.00082**	**J**	0.00093	0.00019	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.00093	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Isopropylbenzene	ND		0.00093	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Methylene Chloride	ND		0.0093	0.0029	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
4-Methyl-2-pentanone	ND		0.019	0.0027	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Methyl-t-Butyl Ether (MTBE)	**0.0013**	**J**	0.0019	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
m,p-Xylene	**0.0020**		0.0019	0.00044	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Naphthalene	ND		0.0093	0.0049	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
n-Butylbenzene	ND		0.00093	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
N-Propylbenzene	ND		0.0019	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
o-Xylene	**0.00069**	**J**	0.00093	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
p-Isopropyltoluene	ND		0.00093	0.00065	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
sec-Butylbenzene	ND		0.00093	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Styrene	ND		0.00093	0.00065	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Tert-amyl-methyl ether (TAME)	ND		0.00093	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0065	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
tert-Butylbenzene	ND		0.00093	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1,1,2-Tetrachloroethane	ND		0.00093	0.00027	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Tetrachloroethene	ND		0.00093	0.00021	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Toluene	ND		0.00093	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
t-1,2-Dichloroethene	ND		0.00093	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
t-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00093	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00038	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1,1-Trichloroethane	ND		0.00093	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1,2-Trichloroethane	ND		0.00093	0.00043	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Trichlorofluoromethane	ND		0.0093	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0093	0.00043	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,2,4-Trimethylbenzene	**0.0013**	**J**	0.0019	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Vinyl acetate	ND		0.0093	0.0037	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Vinyl chloride	ND		0.00093	0.00035	mg/Kg		10/28/20 20:06	11/06/20 16:33	1
Xylenes, Total	**0.0027**	**J**	0.0028	0.00066	mg/Kg		10/28/20 20:06	11/06/20 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:33*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*10/28/20 20:06*	*11/06/20 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/28/20 20:06*	*11/06/20 16:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-3,150
Date Collected: 10/28/20 12:05
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.019	0.0093	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Benzene	**0.00027**	**J**	0.00095	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Bromobenzene	ND		0.00095	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Bromodichloromethane	ND		0.00095	0.00015	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Bromoform	ND		0.0047	0.0013	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Bromomethane	ND		0.019	0.0062	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
2-Butanone	ND		0.019	0.0043	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Carbon disulfide	ND		0.0095	0.00038	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Carbon tetrachloride	ND		0.00095	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Chlorobenzene	ND		0.00095	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Chloroethane	ND		0.0019	0.0014	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Chloroform	ND		0.00095	0.00056	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Chloromethane	ND		0.019	0.0015	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
2-Chlorotoluene	ND		0.00095	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
4-Chlorotoluene	ND		0.00095	0.00023	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
c-1,2-Dichloroethene	ND		0.00095	0.00032	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
c-1,3-Dichloropropene	ND		0.00095	0.00033	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0064	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2-Dibromoethane	ND		0.00095	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Dibromomethane	ND		0.00095	0.00029	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,3-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,4-Dichlorobenzene	ND		0.00095	0.00029	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1-Dichloroethane	ND		0.00095	0.00027	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2-Dichloroethane	ND		0.00095	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1-Dichloroethene	ND		0.00095	0.00025	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2-Dichloropropane	ND		0.00095	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,3-Dichloropropane	ND		0.00095	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
2,2-Dichloropropane	ND		0.0047	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Di-isopropyl ether (DIPE)	ND		0.00095	0.00047	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Ethanol	ND		0.24	0.063	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Ethylbenzene	**0.00032**	**J**	0.00095	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.00095	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
2-Hexanone	ND		0.019	0.0029	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Isopropylbenzene	ND		0.00095	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Methylene Chloride	ND		0.0095	0.0030	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
4-Methyl-2-pentanone	ND		0.019	0.0028	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
m,p-Xylene	**0.00084**	**J**	0.0019	0.00045	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Naphthalene	ND		0.0095	0.0049	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
n-Butylbenzene	ND		0.00095	0.00020	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
N-Propylbenzene	ND		0.0019	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
o-Xylene	ND		0.00095	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
p-Isopropyltoluene	ND		0.00095	0.00066	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
sec-Butylbenzene	ND		0.00095	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3,150
Date Collected: 10/28/20 12:05
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00095	0.00066	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Tert-amyl-methyl ether (TAME)	ND		0.00095	0.00018	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0066	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
tert-Butylbenzene	ND		0.00095	0.00024	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1,1,2-Tetrachloroethane	ND		0.00095	0.00028	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Tetrachloroethene	ND		0.00095	0.00021	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Toluene	ND		0.00095	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
t-1,2-Dichloroethene	ND		0.00095	0.00029	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
t-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00095	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1,1-Trichloroethane	ND		0.00095	0.00022	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1,2-Trichloroethane	ND		0.00095	0.00044	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Trichlorofluoromethane	ND		0.0095	0.00026	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0095	0.00044	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,2,4-Trimethylbenzene	**0.00081**	**J**	0.0019	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00057	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Vinyl acetate	ND		0.0095	0.0037	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Vinyl chloride	ND		0.00095	0.00036	mg/Kg		10/28/20 20:06	11/06/20 16:59	1
Xylenes, Total	**0.00084**	**J**	0.0028	0.00067	mg/Kg		10/28/20 20:06	11/06/20 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:59*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 133*	*10/28/20 20:06*	*11/06/20 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*10/28/20 20:06*	*11/06/20 16:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/28/20 20:06*	*11/06/20 16:59*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-3,135
Date Collected: 10/28/20 11:35
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.058	mg/Kg		10/28/20 20:06	11/06/20 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*	*10/28/20 20:06*	*11/06/20 02:04*	*1*

Client Sample ID: MW-3,140
Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.084**	**J**	0.097	0.054	mg/Kg		10/28/20 20:06	11/06/20 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*10/28/20 20:06*	*11/06/20 02:28*	*1*

Client Sample ID: MW-3,145
Date Collected: 10/28/20 11:55
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	**0.071**	**J**	0.096	0.053	mg/Kg		10/28/20 20:06	11/06/20 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*42 - 126*	*10/28/20 20:06*	*11/06/20 02:52*	*1*

Client Sample ID: MW-3,150
Date Collected: 10/28/20 12:05
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.094	0.052	mg/Kg		10/28/20 20:06	11/06/20 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*	*10/28/20 20:06*	*11/06/20 03:15*	*1*

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-3,135
Date Collected: 10/28/20 11:35
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		4.8	3.7	mg/Kg		11/09/20 13:18	11/10/20 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/09/20 13:18*	*11/10/20 00:29*	*1*

Client Sample ID: MW-3,140
Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**4.1**	**J Z**	5.0	3.9	mg/Kg		11/09/20 13:18	11/10/20 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*11/09/20 13:18*	*11/10/20 00:51*	*1*

Client Sample ID: MW-3,145
Date Collected: 10/28/20 11:55
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.1	4.0	mg/Kg		11/09/20 13:18	11/10/20 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*61 - 145*	*11/09/20 13:18*	*11/10/20 01:14*	*1*

Client Sample ID: MW-3,150
Date Collected: 10/28/20 12:05
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	**5.7**	**Z**	4.9	3.8	mg/Kg		11/09/20 13:18	11/10/20 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*11/09/20 13:18*	*11/10/20 01:35*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(80-120)	(79-133)	(71-155)	(80-120)
570-42276-1	MW-3,135	103	105	109	101
570-42276-2	MW-3,140	101	103	109	103
570-42276-3	MW-3,145	103	102	109	101
570-42276-4	MW-3,150	100	99	107	100
LCS 570-107537/3	Lab Control Sample	103	102	101	100
LCSD 570-107537/4	Lab Control Sample Dup	100	101	100	102
MB 570-107537/6	Method Blank	106	104	109	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-42276-1	MW-3,135	90
570-42276-2	MW-3,140	83
570-42276-3	MW-3,145	77
570-42276-4	MW-3,150	84
LCS 570-107405/56	Lab Control Sample	92
LCSD 570-107405/57	Lab Control Sample Dup	90
MB 570-107405/58	Method Blank	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(61-145)
570-42276-1	MW-3,135	97
570-42276-2	MW-3,140	103
570-42276-3	MW-3,145	107
570-42276-4	MW-3,150	99
570-42856-A-1-E MS	Matrix Spike	85
570-42856-A-1-F MSD	Matrix Spike Duplicate	96
LCS 570-108170/2-A	Lab Control Sample	100
LCSD 570-108170/3-A	Lab Control Sample Dup	101
MB 570-108170/1-A	Method Blank	105

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-107537/6
Matrix: Solid
Analysis Batch: 107537

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			11/06/20 10:06	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/06/20 10:06	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/06/20 10:06	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/06/20 10:06	1
Bromodichloromethane	ND		0.0010	0.00016	mg/Kg			11/06/20 10:06	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/06/20 10:06	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/06/20 10:06	1
2-Butanone	ND		0.020	0.0045	mg/Kg			11/06/20 10:06	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/06/20 10:06	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/06/20 10:06	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/06/20 10:06	1
Chloroethane	ND		0.0020	0.0015	mg/Kg			11/06/20 10:06	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/06/20 10:06	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/06/20 10:06	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/06/20 10:06	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/06/20 10:06	1
c-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/06/20 10:06	1
c-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/06/20 10:06	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/06/20 10:06	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0068	mg/Kg			11/06/20 10:06	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/06/20 10:06	1
Dibromomethane	ND		0.0010	0.00030	mg/Kg			11/06/20 10:06	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/06/20 10:06	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/06/20 10:06	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/06/20 10:06	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/06/20 10:06	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/06/20 10:06	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/06/20 10:06	1
1,1-Dichloroethene	ND		0.0010	0.00026	mg/Kg			11/06/20 10:06	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/06/20 10:06	1
1,3-Dichloropropane	ND		0.0010	0.00029	mg/Kg			11/06/20 10:06	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/06/20 10:06	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/06/20 10:06	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/06/20 10:06	1
Ethanol	ND		0.25	0.066	mg/Kg			11/06/20 10:06	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/06/20 10:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/06/20 10:06	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/06/20 10:06	1
Isopropylbenzene	ND		0.0010	0.00060	mg/Kg			11/06/20 10:06	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/06/20 10:06	1
4-Methyl-2-pentanone	ND		0.020	0.0029	mg/Kg			11/06/20 10:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/06/20 10:06	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/06/20 10:06	1
Naphthalene	ND		0.010	0.0052	mg/Kg			11/06/20 10:06	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/06/20 10:06	1
N-Propylbenzene	ND		0.0020	0.00060	mg/Kg			11/06/20 10:06	1
o-Xylene	ND		0.0010	0.00060	mg/Kg			11/06/20 10:06	1
p-Isopropyltoluene	ND		0.0010	0.00070	mg/Kg			11/06/20 10:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-107537/6
Matrix: Solid
Analysis Batch: 107537

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.0010	0.00060	mg/Kg			11/06/20 10:06	1
Styrene	ND		0.0010	0.00070	mg/Kg			11/06/20 10:06	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/06/20 10:06	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/06/20 10:06	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/06/20 10:06	1
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/06/20 10:06	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/06/20 10:06	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/06/20 10:06	1
Toluene	ND		0.0010	0.00060	mg/Kg			11/06/20 10:06	1
t-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/06/20 10:06	1
t-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/06/20 10:06	1
1,2,3-Trichlorobenzene	ND		0.0020	0.0010	mg/Kg			11/06/20 10:06	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/06/20 10:06	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/06/20 10:06	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/06/20 10:06	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/06/20 10:06	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/06/20 10:06	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/06/20 10:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/06/20 10:06	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/06/20 10:06	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00060	mg/Kg			11/06/20 10:06	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/06/20 10:06	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/06/20 10:06	1
Xylenes, Total	ND		0.0030	0.00070	mg/Kg			11/06/20 10:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*11/06/20 10:06*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*		*11/06/20 10:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*		*11/06/20 10:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/06/20 10:06*	*1*

Lab Sample ID: LCS 570-107537/3
Matrix: Solid
Analysis Batch: 107537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05043		mg/Kg		101	79 - 120
Carbon tetrachloride	0.0500	0.05286		mg/Kg		106	58 - 142
Chlorobenzene	0.0500	0.05182		mg/Kg		104	80 - 120
1,2-Dibromoethane	0.0500	0.05145		mg/Kg		103	80 - 120
1,2-Dichlorobenzene	0.0500	0.05218		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0500	0.05434		mg/Kg		109	79 - 121
1,1-Dichloroethene	0.0500	0.05187		mg/Kg		104	71 - 125
Di-isopropyl ether (DIPE)	0.0500	0.05312		mg/Kg		106	65 - 131
Ethanol	0.500	0.5239		mg/Kg		105	32 - 158
Ethylbenzene	0.0500	0.05252		mg/Kg		105	57 - 153
Ethyl-t-butyl ether (ETBE)	0.0500	0.05173		mg/Kg		103	58 - 136
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05063		mg/Kg		101	64 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-107537/3
Matrix: Solid
Analysis Batch: 107537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	0.100	0.1051		mg/Kg		105	80 - 122
o-Xylene	0.0500	0.05045		mg/Kg		101	79 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-107537/4
Matrix: Solid
Analysis Batch: 107537

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04709		mg/Kg		94	79 - 120	7	20
Carbon tetrachloride	0.0500	0.05002		mg/Kg		100	58 - 142	6	20
Chlorobenzene	0.0500	0.04821		mg/Kg		96	80 - 120	7	20
1,2-Dibromoethane	0.0500	0.04913		mg/Kg		98	80 - 120	5	20
1,2-Dichlorobenzene	0.0500	0.05125		mg/Kg		103	80 - 120	2	20
1,2-Dichloroethane	0.0500	0.05202		mg/Kg		104	79 - 121	4	20
1,1-Dichloroethene	0.0500	0.04789		mg/Kg		96	71 - 125	8	20
Di-isopropyl ether (DIPE)	0.0500	0.05068		mg/Kg		101	65 - 131	5	20
Ethanol	0.500	0.5050		mg/Kg		101	32 - 158	4	27
Ethylbenzene	0.0500	0.04923		mg/Kg		98	57 - 153	6	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.04953		mg/Kg		99	58 - 136	4	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04684		mg/Kg		94	64 - 124	8	20
m,p-Xylene	0.100	0.09794		mg/Kg		98	80 - 122	7	20
o-Xylene	0.0500	0.04770		mg/Kg		95	79 - 127	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-107405/58
Matrix: Solid
Analysis Batch: 107405

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		0.10	0.055	mg/Kg			11/05/20 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*		*11/05/20 22:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-107405/56
Matrix: Solid
Analysis Batch: 107405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2.00	1.782		mg/Kg		89	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Lab Sample ID: LCSD 570-107405/57
Matrix: Solid
Analysis Batch: 107405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2.01	1.818		mg/Kg		91	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-108170/1-A
Matrix: Solid
Analysis Batch: 108097

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		5.0	3.8	mg/Kg		11/09/20 13:18	11/09/20 16:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*61 - 145*	*11/09/20 13:18*	*11/09/20 16:45*	*1*

Lab Sample ID: LCS 570-108170/2-A
Matrix: Solid
Analysis Batch: 108097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			400	401.9		mg/Kg		100	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*100*		*61 - 145*

Lab Sample ID: LCSD 570-108170/3-A
Matrix: Solid
Analysis Batch: 108097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108170

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			400	406.7		mg/Kg		102	67 - 121	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*101*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-42856-A-1-E MS
Matrix: Solid
Analysis Batch: 108097

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)	7.7		396	322.4		mg/Kg		79	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*85*		*61 - 145*

Lab Sample ID: 570-42856-A-1-F MSD
Matrix: Solid
Analysis Batch: 108097

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)	7.7		410	429.6		mg/Kg		103	33 - 153	29	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*61 - 145*

GC/MS VOA

Prep Batch: 105394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	5035	
570-42276-2	MW-3,140	Total/NA	Solid	5035	
570-42276-3	MW-3,145	Total/NA	Solid	5035	
570-42276-4	MW-3,150	Total/NA	Solid	5035	

Analysis Batch: 107537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	8260B	105394
570-42276-2	MW-3,140	Total/NA	Solid	8260B	105394
570-42276-3	MW-3,145	Total/NA	Solid	8260B	105394
570-42276-4	MW-3,150	Total/NA	Solid	8260B	105394
MB 570-107537/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-107537/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-107537/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 105394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	5035	
570-42276-2	MW-3,140	Total/NA	Solid	5035	
570-42276-3	MW-3,145	Total/NA	Solid	5035	
570-42276-4	MW-3,150	Total/NA	Solid	5035	

Analysis Batch: 107405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	8015B	105394
570-42276-2	MW-3,140	Total/NA	Solid	8015B	105394
570-42276-3	MW-3,145	Total/NA	Solid	8015B	105394
570-42276-4	MW-3,150	Total/NA	Solid	8015B	105394
MB 570-107405/58	Method Blank	Total/NA	Solid	8015B	
LCS 570-107405/56	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-107405/57	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Analysis Batch: 108097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	8015B	108170
570-42276-2	MW-3,140	Total/NA	Solid	8015B	108170
570-42276-3	MW-3,145	Total/NA	Solid	8015B	108170
570-42276-4	MW-3,150	Total/NA	Solid	8015B	108170
MB 570-108170/1-A	Method Blank	Total/NA	Solid	8015B	108170
LCS 570-108170/2-A	Lab Control Sample	Total/NA	Solid	8015B	108170
LCSD 570-108170/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	108170
570-42856-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B	108170
570-42856-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	108170

Prep Batch: 108170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-1	MW-3,135	Total/NA	Solid	3550C	
570-42276-2	MW-3,140	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 108170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-42276-3	MW-3,145	Total/NA	Solid	3550C	
570-42276-4	MW-3,150	Total/NA	Solid	3550C	
MB 570-108170/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-108170/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-108170/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-42856-A-1-E MS	Matrix Spike	Total/NA	Solid	3550C	
570-42856-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Client Sample ID: MW-3,135

Date Collected: 10/28/20 11:35
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107537	11/06/20 15:41	BE5H	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			4.83 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107405	11/06/20 02:04	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.36 g	10 mL	108170	11/09/20 13:18	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			108097	11/10/20 00:29	UJ3K	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,140

Date Collected: 10/28/20 11:45
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.76 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107537	11/06/20 16:06	BE5H	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.13 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107405	11/06/20 02:28	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.97 g	10 mL	108170	11/09/20 13:18	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			108097	11/10/20 00:51	UJ3K	ECL 1
	Instrument ID: GC46									

Client Sample ID: MW-3,145

Date Collected: 10/28/20 11:55
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.36 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107537	11/06/20 16:33	BE5H	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.21 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107405	11/06/20 02:52	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.73 g	10 mL	108170	11/09/20 13:18	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			108097	11/10/20 01:14	UJ3K	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Client Sample ID: MW-3,150
Date Collected: 10/28/20 12:05
Date Received: 10/28/20 17:30

Lab Sample ID: 570-42276-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.27 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	107537	11/06/20 16:59	BE5H	ECL 2
	Instrument ID: GCMSLL									
Total/NA	Prep	5035			5.33 g	5 mL	105394	10/28/20 20:06	Z9SI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	107405	11/06/20 03:15	W6MG	ECL 2
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.20 g	10 mL	108170	11/09/20 13:18	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			108097	11/10/20 01:35	UJ3K	ECL 1
	Instrument ID: GC46									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-42276-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-42276-1	MW-3,135	Solid	10/28/20 11:35	10/28/20 17:30	
570-42276-2	MW-3,140	Solid	10/28/20 11:45	10/28/20 17:30	
570-42276-3	MW-3,145	Solid	10/28/20 11:55	10/28/20 17:30	
570-42276-4	MW-3,150	Solid	10/28/20 12:05	10/28/20 17:30	

eurofins | Calscience

ExxonMobil Analysis Request/Chain of Custody

ECI WO# 42276

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EMES Agreement #: A 2604415

PO #: 43607

Page: 1 of 1

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Ave, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE: E2.1991.12458.V.01

Consultant/Office: ETIC / Arcadia, CA

Consultant PM and Phone #: Zachary Spahn / 626-460-9995

Sampler: Z. Spahn

State of sample collection:

COC#:

Comments:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Vapor	EPA 8015B(M) TPH-Gasoline	EPA 8015B(M) TPH-Diesel	EPA 8260B Fulls Scan VOCs + Oxygenates	EPA 8260B BTEX	Container Type:
MW-3, 135	MW-3	10-28-20	1135	X		X			X	X	X	X	1 sleeve, 5 encores
MW-3, 140	↓	↓	1145	↓		↓			↓	↓	↓	↓	↓
MW-3, 145			1155										
MW-3, 150			1205										

570-42276 Chain of Custody

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (X) EIM ( ) EQUIS ( )

Geotracker Global ID: T10000013273 **Log Code:** ETIP

Other: email report to: rhaughy@eticeng.com, zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10-28-20	1541	[signature] EC	10/28/20	1541
Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/28/20	1730	[signature] EC	10/28/20	17:30
Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Received by: Date Time

Temperature upon receipt ____°C

Custody Seals Intact? Yes No

3.8/3.0 SCB

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-42276-1

Login Number: 42276
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-43331-1
Client Project/Site: ExxonMobil 18MRC

For:
ETIC Engineering, Inc.
250 W. Colorado Blvd
Arcadia, California 91007-2664

Attn: Zachary Spahn

Authorized for release by:
11/23/2020 11:41:15 AM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z	The chromatographic response does not resemble a typical fuel pattern.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Job ID: 570-43331-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-43331-1

Comments
No additional comments.

Receipt
The samples were received on 11/9/2020 5:45 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 570-110650 recovered above the upper control limit for Ethanol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 570-110650 recovered outside control limits for the following analytes: Ethanol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 570-110650: Tert-amyl-methyl ether (TAME), Naphthalene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-111025.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-109366. LCS/LCSD was performed to meet QC requirement.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Client Sample ID: MW-1 — Lab Sample ID: 570-43331-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.6		0.50	0.15	ug/L	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	1.5		0.50	0.21	ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	16		5.0	4.0	ug/L	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	43	J	50	30	ug/L	1		8015B	Total/NA
TPH as Diesel (C13-C22)	20	J Z	46	20	ug/L	1		8015B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 570-43331-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	890		50	27	ug/L	100		8260B	Total/NA
Ethylbenzene	1200		50	36	ug/L	100		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	440		50	21	ug/L	100		8260B	Total/NA
m,p-Xylene	4300		100	78	ug/L	100		8260B	Total/NA
Naphthalene	570		100	32	ug/L	100		8260B	Total/NA
N-Propylbenzene	110		50	39	ug/L	100		8260B	Total/NA
o-Xylene	1400		50	35	ug/L	100		8260B	Total/NA
tert-Butyl alcohol (TBA)	760		500	400	ug/L	100		8260B	Total/NA
Toluene	1600		50	33	ug/L	100		8260B	Total/NA
1,2,4-Trimethylbenzene	1200		50	29	ug/L	100		8260B	Total/NA
1,3,5-Trimethylbenzene	400		50	28	ug/L	100		8260B	Total/NA
Xylenes, Total	5700		100	78	ug/L	100		8260B	Total/NA
TPH as Gasoline (C4-C12)	14000		500	300	ug/L	10		8015B	Total/NA
TPH as Diesel (C13-C22)	870	Z	48	21	ug/L	1		8015B	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 570-43331-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	8.0	4.0	ug/L	1		8260B	Total/NA
Benzene	70		0.50	0.27	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	0.46	J	0.50	0.30	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	7.0		0.50	0.15	ug/L	1		8260B	Total/NA
Ethylbenzene	80		0.50	0.36	ug/L	1		8260B	Total/NA
Isopropylbenzene	2.7		0.50	0.38	ug/L	1		8260B	Total/NA
Methylene Chloride	0.23	J	1.0	0.20	ug/L	1		8260B	Total/NA
Methyl-t-Butyl Ether (MTBE)	17		0.50	0.21	ug/L	1		8260B	Total/NA
m,p-Xylene	190		1.0	0.78	ug/L	1		8260B	Total/NA
Naphthalene	50	*	1.0	0.32	ug/L	1		8260B	Total/NA
n-Butylbenzene	3.2		0.50	0.29	ug/L	1		8260B	Total/NA
N-Propylbenzene	7.3		0.50	0.39	ug/L	1		8260B	Total/NA
o-Xylene	72		0.50	0.35	ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	18		5.0	4.0	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.7		0.50	0.29	ug/L	1		8260B	Total/NA
Toluene	48		0.50	0.33	ug/L	1		8260B	Total/NA
Trichloroethene	0.65		0.50	0.29	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	67		0.50	0.29	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	18		0.50	0.28	ug/L	1		8260B	Total/NA
Xylenes, Total	260		1.0	0.78	ug/L	1		8260B	Total/NA
TPH as Gasoline (C4-C12)	1100		50	30	ug/L	1		8015B	Total/NA
TPH as Diesel (C13-C22)	140	Z	47	21	ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-1
Date Collected: 11/09/20 12:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			11/18/20 22:05	1
Benzene	ND		0.50	0.27	ug/L			11/18/20 22:05	1
Bromobenzene	ND		0.50	0.26	ug/L			11/18/20 22:05	1
Bromochloromethane	ND		1.0	0.35	ug/L			11/18/20 22:05	1
Bromodichloromethane	ND		0.50	0.22	ug/L			11/18/20 22:05	1
Bromoform	ND		0.50	0.39	ug/L			11/18/20 22:05	1
Bromomethane	ND		1.0	0.93	ug/L			11/18/20 22:05	1
2-Butanone	ND		5.0	3.0	ug/L			11/18/20 22:05	1
Carbon disulfide	ND		1.0	0.24	ug/L			11/18/20 22:05	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			11/18/20 22:05	1
Chlorobenzene	ND		0.50	0.24	ug/L			11/18/20 22:05	1
Chloroethane	ND		0.50	0.44	ug/L			11/18/20 22:05	1
Chloroform	ND		0.50	0.28	ug/L			11/18/20 22:05	1
Chloromethane	ND		1.0	0.29	ug/L			11/18/20 22:05	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			11/18/20 22:05	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			11/18/20 22:05	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			11/18/20 22:05	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			11/18/20 22:05	1
Dibromochloromethane	ND		0.50	0.27	ug/L			11/18/20 22:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			11/18/20 22:05	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			11/18/20 22:05	1
Dibromomethane	ND		0.50	0.23	ug/L			11/18/20 22:05	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			11/18/20 22:05	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			11/18/20 22:05	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			11/18/20 22:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/18/20 22:05	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			11/18/20 22:05	1
1,2-Dichloroethane	**1.6**		0.50	0.15	ug/L			11/18/20 22:05	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			11/18/20 22:05	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			11/18/20 22:05	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			11/18/20 22:05	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			11/18/20 22:05	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			11/18/20 22:05	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			11/18/20 22:05	1
Ethanol	ND	*	50	38	ug/L			11/18/20 22:05	1
Ethylbenzene	ND		0.50	0.36	ug/L			11/18/20 22:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			11/18/20 22:05	1
2-Hexanone	ND		6.0	4.3	ug/L			11/18/20 22:05	1
Isopropylbenzene	ND		0.50	0.38	ug/L			11/18/20 22:05	1
Methylene Chloride	ND		1.0	0.20	ug/L			11/18/20 22:05	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			11/18/20 22:05	1
Methyl-t-Butyl Ether (MTBE)	**1.5**		0.50	0.21	ug/L			11/18/20 22:05	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/20 22:05	1
Naphthalene	ND	*	1.0	0.32	ug/L			11/18/20 22:05	1
n-Butylbenzene	ND		0.50	0.29	ug/L			11/18/20 22:05	1
N-Propylbenzene	ND		0.50	0.39	ug/L			11/18/20 22:05	1
o-Xylene	ND		0.50	0.35	ug/L			11/18/20 22:05	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			11/18/20 22:05	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 22:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-1
Date Collected: 11/09/20 12:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.28	ug/L			11/18/20 22:05	1
Tert-amyl-methyl ether (TAME)	ND	* *1	0.50	0.21	ug/L			11/18/20 22:05	1
tert-Butyl alcohol (TBA)	**16**		5.0	4.0	ug/L			11/18/20 22:05	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 22:05	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			11/18/20 22:05	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			11/18/20 22:05	1
Tetrachloroethene	ND		0.50	0.29	ug/L			11/18/20 22:05	1
Toluene	ND		0.50	0.33	ug/L			11/18/20 22:05	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			11/18/20 22:05	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			11/18/20 22:05	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			11/18/20 22:05	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			11/18/20 22:05	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			11/18/20 22:05	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			11/18/20 22:05	1
Trichloroethene	ND		0.50	0.29	ug/L			11/18/20 22:05	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			11/18/20 22:05	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			11/18/20 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			11/18/20 22:05	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			11/18/20 22:05	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			11/18/20 22:05	1
Vinyl acetate	ND		5.0	3.1	ug/L			11/18/20 22:05	1
Vinyl chloride	ND		0.50	0.40	ug/L			11/18/20 22:05	1
Xylenes, Total	ND		1.0	0.78	ug/L			11/18/20 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*11/18/20 22:05*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 127*		*11/18/20 22:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 128*		*11/18/20 22:05*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/18/20 22:05*	*1*

Client Sample ID: MW-2
Date Collected: 11/09/20 10:30
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		800	400	ug/L			11/20/20 05:16	100
Benzene	**890**		50	27	ug/L			11/20/20 05:16	100
Bromobenzene	ND		50	26	ug/L			11/20/20 05:16	100
Bromochloromethane	ND		100	35	ug/L			11/20/20 05:16	100
Bromodichloromethane	ND		50	22	ug/L			11/20/20 05:16	100
Bromoform	ND		50	39	ug/L			11/20/20 05:16	100
Bromomethane	ND		100	93	ug/L			11/20/20 05:16	100
2-Butanone	ND		500	300	ug/L			11/20/20 05:16	100
Carbon disulfide	ND		100	24	ug/L			11/20/20 05:16	100
Carbon tetrachloride	ND		50	27	ug/L			11/20/20 05:16	100
Chlorobenzene	ND		50	24	ug/L			11/20/20 05:16	100
Chloroethane	ND		50	44	ug/L			11/20/20 05:16	100
Chloroform	ND		50	28	ug/L			11/20/20 05:16	100
Chloromethane	ND		100	29	ug/L			11/20/20 05:16	100
2-Chlorotoluene	ND		50	31	ug/L			11/20/20 05:16	100
4-Chlorotoluene	ND		50	34	ug/L			11/20/20 05:16	100

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2
Date Collected: 11/09/20 10:30
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,2-Dichloroethene	ND		50	30	ug/L			11/20/20 05:16	100
c-1,3-Dichloropropene	ND		50	19	ug/L			11/20/20 05:16	100
Dibromochloromethane	ND		50	27	ug/L			11/20/20 05:16	100
1,2-Dibromo-3-Chloropropane	ND		100	64	ug/L			11/20/20 05:16	100
1,2-Dibromoethane	ND		50	14	ug/L			11/20/20 05:16	100
Dibromomethane	ND		50	23	ug/L			11/20/20 05:16	100
1,2-Dichlorobenzene	ND		50	23	ug/L			11/20/20 05:16	100
1,3-Dichlorobenzene	ND		50	26	ug/L			11/20/20 05:16	100
1,4-Dichlorobenzene	ND		50	22	ug/L			11/20/20 05:16	100
Dichlorodifluoromethane	ND		100	68	ug/L			11/20/20 05:16	100
1,1-Dichloroethane	ND		50	35	ug/L			11/20/20 05:16	100
1,2-Dichloroethane	ND		50	15	ug/L			11/20/20 05:16	100
1,1-Dichloroethene	ND		50	39	ug/L			11/20/20 05:16	100
1,2-Dichloropropane	ND		50	24	ug/L			11/20/20 05:16	100
1,3-Dichloropropane	ND		50	20	ug/L			11/20/20 05:16	100
2,2-Dichloropropane	ND		50	40	ug/L			11/20/20 05:16	100
1,1-Dichloropropene	ND		50	24	ug/L			11/20/20 05:16	100
Di-isopropyl ether (DIPE)	ND		50	14	ug/L			11/20/20 05:16	100
Ethanol	ND		5000	3800	ug/L			11/20/20 05:16	100
Ethylbenzene	**1200**		50	36	ug/L			11/20/20 05:16	100
Ethyl-t-butyl ether (ETBE)	ND		50	28	ug/L			11/20/20 05:16	100
2-Hexanone	ND		600	430	ug/L			11/20/20 05:16	100
Isopropylbenzene	ND		50	38	ug/L			11/20/20 05:16	100
Methylene Chloride	ND		100	20	ug/L			11/20/20 05:16	100
4-Methyl-2-pentanone	ND		500	220	ug/L			11/20/20 05:16	100
Methyl-t-Butyl Ether (MTBE)	**440**		50	21	ug/L			11/20/20 05:16	100
m,p-Xylene	**4300**		100	78	ug/L			11/20/20 05:16	100
Naphthalene	**570**		100	32	ug/L			11/20/20 05:16	100
n-Butylbenzene	ND		50	29	ug/L			11/20/20 05:16	100
N-Propylbenzene	**110**		50	39	ug/L			11/20/20 05:16	100
o-Xylene	**1400**		50	35	ug/L			11/20/20 05:16	100
p-Isopropyltoluene	ND		50	28	ug/L			11/20/20 05:16	100
sec-Butylbenzene	ND		50	34	ug/L			11/20/20 05:16	100
Styrene	ND		50	28	ug/L			11/20/20 05:16	100
Tert-amyl-methyl ether (TAME)	ND		50	21	ug/L			11/20/20 05:16	100
tert-Butyl alcohol (TBA)	**760**		500	400	ug/L			11/20/20 05:16	100
tert-Butylbenzene	ND		50	34	ug/L			11/20/20 05:16	100
1,1,1,2-Tetrachloroethane	ND		50	26	ug/L			11/20/20 05:16	100
1,1,2,2-Tetrachloroethane	ND		50	19	ug/L			11/20/20 05:16	100
Tetrachloroethene	ND		50	29	ug/L			11/20/20 05:16	100
Toluene	**1600**		50	33	ug/L			11/20/20 05:16	100
t-1,2-Dichloroethene	ND		50	36	ug/L			11/20/20 05:16	100
t-1,3-Dichloropropene	ND		50	17	ug/L			11/20/20 05:16	100
1,2,3-Trichlorobenzene	ND		50	28	ug/L			11/20/20 05:16	100
1,2,4-Trichlorobenzene	ND		50	38	ug/L			11/20/20 05:16	100
1,1,1-Trichloroethane	ND		50	27	ug/L			11/20/20 05:16	100
1,1,2-Trichloroethane	ND		50	8.5	ug/L			11/20/20 05:16	100
Trichloroethene	ND		50	29	ug/L			11/20/20 05:16	100
Trichlorofluoromethane	ND		50	30	ug/L			11/20/20 05:16	100

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-2
Date Collected: 11/09/20 10:30
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		50	32	ug/L			11/20/20 05:16	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	25	ug/L			11/20/20 05:16	100
1,2,4-Trimethylbenzene	**1200**		50	29	ug/L			11/20/20 05:16	100
1,3,5-Trimethylbenzene	**400**		50	28	ug/L			11/20/20 05:16	100
Vinyl acetate	ND		500	310	ug/L			11/20/20 05:16	100
Vinyl chloride	ND		50	40	ug/L			11/20/20 05:16	100
Xylenes, Total	**5700**		100	78	ug/L			11/20/20 05:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*		*11/20/20 05:16*	*100*
Dibromofluoromethane (Surr)	*100*		*80 - 127*		*11/20/20 05:16*	*100*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*11/20/20 05:16*	*100*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/20/20 05:16*	*100*

Client Sample ID: MW-3
Date Collected: 11/09/20 09:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.7**	**J**	8.0	4.0	ug/L			11/18/20 22:33	1
Benzene	**70**		0.50	0.27	ug/L			11/18/20 22:33	1
Bromobenzene	ND		0.50	0.26	ug/L			11/18/20 22:33	1
Bromochloromethane	ND		1.0	0.35	ug/L			11/18/20 22:33	1
Bromodichloromethane	ND		0.50	0.22	ug/L			11/18/20 22:33	1
Bromoform	ND		0.50	0.39	ug/L			11/18/20 22:33	1
Bromomethane	ND		1.0	0.93	ug/L			11/18/20 22:33	1
2-Butanone	ND		5.0	3.0	ug/L			11/18/20 22:33	1
Carbon disulfide	ND		1.0	0.24	ug/L			11/18/20 22:33	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			11/18/20 22:33	1
Chlorobenzene	ND		0.50	0.24	ug/L			11/18/20 22:33	1
Chloroethane	ND		0.50	0.44	ug/L			11/18/20 22:33	1
Chloroform	ND		0.50	0.28	ug/L			11/18/20 22:33	1
Chloromethane	ND		1.0	0.29	ug/L			11/18/20 22:33	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			11/18/20 22:33	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			11/18/20 22:33	1
c-1,2-Dichloroethene	**0.46**	**J**	0.50	0.30	ug/L			11/18/20 22:33	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			11/18/20 22:33	1
Dibromochloromethane	ND		0.50	0.27	ug/L			11/18/20 22:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			11/18/20 22:33	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			11/18/20 22:33	1
Dibromomethane	ND		0.50	0.23	ug/L			11/18/20 22:33	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			11/18/20 22:33	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			11/18/20 22:33	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			11/18/20 22:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/18/20 22:33	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			11/18/20 22:33	1
1,2-Dichloroethane	**7.0**		0.50	0.15	ug/L			11/18/20 22:33	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			11/18/20 22:33	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			11/18/20 22:33	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			11/18/20 22:33	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			11/18/20 22:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-3
Date Collected: 11/09/20 09:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.50	0.24	ug/L			11/18/20 22:33	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			11/18/20 22:33	1
Ethanol	ND	*	50	38	ug/L			11/18/20 22:33	1
Ethylbenzene	**80**		0.50	0.36	ug/L			11/18/20 22:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			11/18/20 22:33	1
2-Hexanone	ND		6.0	4.3	ug/L			11/18/20 22:33	1
Isopropylbenzene	**2.7**		0.50	0.38	ug/L			11/18/20 22:33	1
Methylene Chloride	**0.23**	**J**	1.0	0.20	ug/L			11/18/20 22:33	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			11/18/20 22:33	1
Methyl-t-Butyl Ether (MTBE)	**17**		0.50	0.21	ug/L			11/18/20 22:33	1
m,p-Xylene	**190**		1.0	0.78	ug/L			11/18/20 22:33	1
Naphthalene	**50**	*****	1.0	0.32	ug/L			11/18/20 22:33	1
n-Butylbenzene	**3.2**		0.50	0.29	ug/L			11/18/20 22:33	1
N-Propylbenzene	**7.3**		0.50	0.39	ug/L			11/18/20 22:33	1
o-Xylene	**72**		0.50	0.35	ug/L			11/18/20 22:33	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			11/18/20 22:33	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 22:33	1
Styrene	ND		0.50	0.28	ug/L			11/18/20 22:33	1
Tert-amyl-methyl ether (TAME)	ND	* *1	0.50	0.21	ug/L			11/18/20 22:33	1
tert-Butyl alcohol (TBA)	**18**		5.0	4.0	ug/L			11/18/20 22:33	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 22:33	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			11/18/20 22:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			11/18/20 22:33	1
Tetrachloroethene	**1.7**		0.50	0.29	ug/L			11/18/20 22:33	1
Toluene	**48**		0.50	0.33	ug/L			11/18/20 22:33	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			11/18/20 22:33	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			11/18/20 22:33	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			11/18/20 22:33	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			11/18/20 22:33	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			11/18/20 22:33	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			11/18/20 22:33	1
Trichloroethene	**0.65**		0.50	0.29	ug/L			11/18/20 22:33	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			11/18/20 22:33	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			11/18/20 22:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			11/18/20 22:33	1
1,2,4-Trimethylbenzene	**67**		0.50	0.29	ug/L			11/18/20 22:33	1
1,3,5-Trimethylbenzene	**18**		0.50	0.28	ug/L			11/18/20 22:33	1
Vinyl acetate	ND		5.0	3.1	ug/L			11/18/20 22:33	1
Vinyl chloride	ND		0.50	0.40	ug/L			11/18/20 22:33	1
Xylenes, Total	**260**		1.0	0.78	ug/L			11/18/20 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*11/18/20 22:33*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 127*		*11/18/20 22:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 128*		*11/18/20 22:33*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/18/20 22:33*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: MW-1
Date Collected: 11/09/20 12:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	43	J	50	30	ug/L			11/18/20 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*38 - 134*		*11/18/20 11:17*	*1*

Client Sample ID: MW-2
Date Collected: 11/09/20 10:30
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	14000		500	300	ug/L			11/19/20 16:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*		*11/19/20 16:49*	*10*

Client Sample ID: MW-3
Date Collected: 11/09/20 09:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	1100		50	30	ug/L			11/19/20 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*38 - 134*		*11/19/20 17:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: MW-1
Date Collected: 11/09/20 12:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	20	J Z	46	20	ug/L		11/13/20 09:24	11/14/20 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*68 - 140*	*11/13/20 09:24*	*11/14/20 18:30*	*1*

Client Sample ID: MW-2
Date Collected: 11/09/20 10:30
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	870	Z	48	21	ug/L		11/13/20 09:24	11/14/20 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*68 - 140*	*11/13/20 09:24*	*11/14/20 18:56*	*1*

Client Sample ID: MW-3
Date Collected: 11/09/20 09:00
Date Received: 11/09/20 17:45

Lab Sample ID: 570-43331-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	140	Z	47	21	ug/L		11/13/20 09:24	11/14/20 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*68 - 140*	*11/13/20 09:24*	*11/14/20 19:22*	*1*

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-43331-1	MW-1	94	99	100	102
570-43331-2	MW-2	103	100	106	98
570-43331-3	MW-3	99	97	100	104
LCS 570-110650/5	Lab Control Sample	99	100	96	100
LCS 570-111025/4	Lab Control Sample	105	99	104	99
LCSD 570-110650/7	Lab Control Sample Dup	97	96	91	99
LCSD 570-111025/5	Lab Control Sample Dup	105	99	104	98
MB 570-110650/9	Method Blank	95	100	99	100
MB 570-111025/7	Method Blank	96	96	109	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
570-43331-1	MW-1	70
570-43331-1 MS	MW-1	101
570-43331-1 MSD	MW-1	100
570-43331-2	MW-2	89
570-43331-3	MW-3	84
570-43568-D-2 MS	Matrix Spike	89
570-43568-D-2 MSD	Matrix Spike Duplicate	100
LCS 570-110473/6	Lab Control Sample	96
LCS 570-110881/3	Lab Control Sample	94
LCSD 570-110473/4	Lab Control Sample Dup	95
LCSD 570-110881/4	Lab Control Sample Dup	87
MB 570-110473/5	Method Blank	69
MB 570-110881/5	Method Blank	66

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(68-140)
570-43331-1	MW-1	93
570-43331-2	MW-2	103
570-43331-3	MW-3	96
LCS 570-109366/2-A	Lab Control Sample	99
LCSD 570-109366/3-A	Lab Control Sample Dup	100
MB 570-109366/1-A	Method Blank	101

Surrogate Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-110650/9
Matrix: Water
Analysis Batch: 110650

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			11/18/20 20:10	1
Benzene	ND		0.50	0.27	ug/L			11/18/20 20:10	1
Bromobenzene	ND		0.50	0.26	ug/L			11/18/20 20:10	1
Bromochloromethane	ND		1.0	0.35	ug/L			11/18/20 20:10	1
Bromodichloromethane	ND		0.50	0.22	ug/L			11/18/20 20:10	1
Bromoform	ND		0.50	0.39	ug/L			11/18/20 20:10	1
Bromomethane	ND		1.0	0.93	ug/L			11/18/20 20:10	1
2-Butanone	ND		5.0	3.0	ug/L			11/18/20 20:10	1
Carbon disulfide	ND		1.0	0.24	ug/L			11/18/20 20:10	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			11/18/20 20:10	1
Chlorobenzene	ND		0.50	0.24	ug/L			11/18/20 20:10	1
Chloroethane	ND		0.50	0.44	ug/L			11/18/20 20:10	1
Chloroform	ND		0.50	0.28	ug/L			11/18/20 20:10	1
Chloromethane	ND		1.0	0.29	ug/L			11/18/20 20:10	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			11/18/20 20:10	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			11/18/20 20:10	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			11/18/20 20:10	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			11/18/20 20:10	1
Dibromochloromethane	ND		0.50	0.27	ug/L			11/18/20 20:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			11/18/20 20:10	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			11/18/20 20:10	1
Dibromomethane	ND		0.50	0.23	ug/L			11/18/20 20:10	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			11/18/20 20:10	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			11/18/20 20:10	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			11/18/20 20:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/18/20 20:10	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			11/18/20 20:10	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			11/18/20 20:10	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			11/18/20 20:10	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			11/18/20 20:10	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			11/18/20 20:10	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			11/18/20 20:10	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			11/18/20 20:10	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			11/18/20 20:10	1
Ethanol	ND		50	38	ug/L			11/18/20 20:10	1
Ethylbenzene	ND		0.50	0.36	ug/L			11/18/20 20:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			11/18/20 20:10	1
2-Hexanone	ND		6.0	4.3	ug/L			11/18/20 20:10	1
Isopropylbenzene	ND		0.50	0.38	ug/L			11/18/20 20:10	1
Methylene Chloride	ND		1.0	0.20	ug/L			11/18/20 20:10	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			11/18/20 20:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			11/18/20 20:10	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/20 20:10	1
Naphthalene	ND		1.0	0.32	ug/L			11/18/20 20:10	1
n-Butylbenzene	ND		0.50	0.29	ug/L			11/18/20 20:10	1
N-Propylbenzene	ND		0.50	0.39	ug/L			11/18/20 20:10	1
o-Xylene	ND		0.50	0.35	ug/L			11/18/20 20:10	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			11/18/20 20:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-110650/9
Matrix: Water
Analysis Batch: 110650

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 20:10	1
Styrene	ND		0.50	0.28	ug/L			11/18/20 20:10	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			11/18/20 20:10	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			11/18/20 20:10	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			11/18/20 20:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			11/18/20 20:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			11/18/20 20:10	1
Tetrachloroethene	ND		0.50	0.29	ug/L			11/18/20 20:10	1
Toluene	ND		0.50	0.33	ug/L			11/18/20 20:10	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			11/18/20 20:10	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			11/18/20 20:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			11/18/20 20:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			11/18/20 20:10	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			11/18/20 20:10	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			11/18/20 20:10	1
Trichloroethene	ND		0.50	0.29	ug/L			11/18/20 20:10	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			11/18/20 20:10	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			11/18/20 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			11/18/20 20:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			11/18/20 20:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			11/18/20 20:10	1
Vinyl acetate	ND		5.0	3.1	ug/L			11/18/20 20:10	1
Vinyl chloride	ND		0.50	0.40	ug/L			11/18/20 20:10	1
Xylenes, Total	ND		1.0	0.78	ug/L			11/18/20 20:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*11/18/20 20:10*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 127*		*11/18/20 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*		*11/18/20 20:10*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/18/20 20:10*	*1*

Lab Sample ID: LCS 570-110650/5
Matrix: Water
Analysis Batch: 110650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.641		ug/L		96	80 - 120
Carbon tetrachloride	10.0	8.615		ug/L		86	75 - 142
Chlorobenzene	10.0	9.698		ug/L		97	80 - 120
1,2-Dibromoethane	10.0	9.491		ug/L		95	80 - 120
1,2-Dichlorobenzene	10.0	9.629		ug/L		96	80 - 120
1,2-Dichloroethane	10.0	9.283		ug/L		93	80 - 123
1,1-Dichloroethene	10.0	9.192		ug/L		92	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.045		ug/L		90	74 - 126
Ethanol	100	150.0	* me	ug/L		150	50 - 142
Ethylbenzene	10.0	9.564		ug/L		96	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	7.743		ug/L		77	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	7.882		ug/L		79	70 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-110650/5
Matrix: Water
Analysis Batch: 110650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			20.0	19.48		ug/L		97	80 - 120		
o-Xylene			10.0	9.595		ug/L		96	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	8.309		ug/L		83	80 - 121		
tert-Butyl alcohol (TBA)			50.0	51.31		ug/L		103	77 - 124		
Toluene			10.0	9.672		ug/L		97	80 - 120		
Trichloroethene			10.0	9.636		ug/L		96	80 - 120		
Vinyl chloride			10.0	9.891		ug/L		99	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-110650/7
Matrix: Water
Analysis Batch: 110650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.498		ug/L		95	80 - 120	1	12
Carbon tetrachloride			10.0	8.223		ug/L		82	75 - 142	5	15
Chlorobenzene			10.0	9.603		ug/L		96	80 - 120	1	12
1,2-Dibromoethane			10.0	9.116		ug/L		91	80 - 120	4	12
1,2-Dichlorobenzene			10.0	9.282		ug/L		93	80 - 120	4	14
1,2-Dichloroethane			10.0	8.916		ug/L		89	80 - 123	4	10
1,1-Dichloroethene			10.0	9.120		ug/L		91	74 - 128	1	17
Di-isopropyl ether (DIPE)			10.0	8.651		ug/L		87	74 - 126	4	11
Ethanol			100	182.5	*	ug/L		183	50 - 142	20	30
Ethylbenzene			10.0	9.671		ug/L		97	80 - 120	1	13
Ethyl-t-butyl ether (ETBE)			10.0	7.143		ug/L		71	60 - 126	8	11
Methyl-t-Butyl Ether (MTBE)			10.0	7.203		ug/L		72	70 - 121	9	11
m,p-Xylene			20.0	19.59		ug/L		98	80 - 120	1	13
o-Xylene			10.0	9.538		ug/L		95	80 - 120	1	12
Tert-amyl-methyl ether (TAME)			10.0	7.375	* *1 me	ug/L		74	80 - 121	12	10
tert-Butyl alcohol (TBA)			50.0	58.29		ug/L		117	77 - 124	13	23
Toluene			10.0	9.460		ug/L		95	80 - 120	2	13
Trichloroethene			10.0	9.327		ug/L		93	80 - 120	3	14
Vinyl chloride			10.0	10.37		ug/L		104	72 - 126	5	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-111025/7
Matrix: Water
Analysis Batch: 111025

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			11/19/20 22:08	1
Benzene	ND		0.50	0.27	ug/L			11/19/20 22:08	1
Bromobenzene	ND		0.50	0.26	ug/L			11/19/20 22:08	1
Bromochloromethane	ND		1.0	0.35	ug/L			11/19/20 22:08	1
Bromodichloromethane	ND		0.50	0.22	ug/L			11/19/20 22:08	1
Bromoform	ND		0.50	0.39	ug/L			11/19/20 22:08	1
Bromomethane	ND		1.0	0.93	ug/L			11/19/20 22:08	1
2-Butanone	ND		5.0	3.0	ug/L			11/19/20 22:08	1
Carbon disulfide	ND		1.0	0.24	ug/L			11/19/20 22:08	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			11/19/20 22:08	1
Chlorobenzene	ND		0.50	0.24	ug/L			11/19/20 22:08	1
Chloroethane	ND		0.50	0.44	ug/L			11/19/20 22:08	1
Chloroform	ND		0.50	0.28	ug/L			11/19/20 22:08	1
Chloromethane	ND		1.0	0.29	ug/L			11/19/20 22:08	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			11/19/20 22:08	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			11/19/20 22:08	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			11/19/20 22:08	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			11/19/20 22:08	1
Dibromochloromethane	ND		0.50	0.27	ug/L			11/19/20 22:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			11/19/20 22:08	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			11/19/20 22:08	1
Dibromomethane	ND		0.50	0.23	ug/L			11/19/20 22:08	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			11/19/20 22:08	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			11/19/20 22:08	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			11/19/20 22:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/20 22:08	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			11/19/20 22:08	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			11/19/20 22:08	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			11/19/20 22:08	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			11/19/20 22:08	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			11/19/20 22:08	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			11/19/20 22:08	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			11/19/20 22:08	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			11/19/20 22:08	1
Ethanol	ND		50	38	ug/L			11/19/20 22:08	1
Ethylbenzene	ND		0.50	0.36	ug/L			11/19/20 22:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			11/19/20 22:08	1
2-Hexanone	ND		6.0	4.3	ug/L			11/19/20 22:08	1
Isopropylbenzene	ND		0.50	0.38	ug/L			11/19/20 22:08	1
Methylene Chloride	ND		1.0	0.20	ug/L			11/19/20 22:08	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			11/19/20 22:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			11/19/20 22:08	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/19/20 22:08	1
Naphthalene	ND		1.0	0.32	ug/L			11/19/20 22:08	1
n-Butylbenzene	ND		0.50	0.29	ug/L			11/19/20 22:08	1
N-Propylbenzene	ND		0.50	0.39	ug/L			11/19/20 22:08	1
o-Xylene	ND		0.50	0.35	ug/L			11/19/20 22:08	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			11/19/20 22:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-111025/7
Matrix: Water
Analysis Batch: 111025

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			11/19/20 22:08	1
Styrene	ND		0.50	0.28	ug/L			11/19/20 22:08	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			11/19/20 22:08	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			11/19/20 22:08	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			11/19/20 22:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			11/19/20 22:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			11/19/20 22:08	1
Tetrachloroethene	ND		0.50	0.29	ug/L			11/19/20 22:08	1
Toluene	ND		0.50	0.33	ug/L			11/19/20 22:08	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			11/19/20 22:08	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			11/19/20 22:08	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			11/19/20 22:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			11/19/20 22:08	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			11/19/20 22:08	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			11/19/20 22:08	1
Trichloroethene	ND		0.50	0.29	ug/L			11/19/20 22:08	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			11/19/20 22:08	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			11/19/20 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			11/19/20 22:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			11/19/20 22:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			11/19/20 22:08	1
Vinyl acetate	ND		5.0	3.1	ug/L			11/19/20 22:08	1
Vinyl chloride	ND		0.50	0.40	ug/L			11/19/20 22:08	1
Xylenes, Total	ND		1.0	0.78	ug/L			11/19/20 22:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*11/19/20 22:08*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 127*		*11/19/20 22:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*11/19/20 22:08*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/19/20 22:08*	*1*

Lab Sample ID: LCS 570-111025/4
Matrix: Water
Analysis Batch: 111025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.06		ug/L		101	80 - 120
Carbon tetrachloride	10.0	10.31		ug/L		103	75 - 142
Chlorobenzene	10.0	11.18		ug/L		112	80 - 120
1,2-Dibromoethane	10.0	11.10		ug/L		111	80 - 120
1,2-Dichlorobenzene	10.0	10.69		ug/L		107	80 - 120
1,2-Dichloroethane	10.0	12.03		ug/L		120	80 - 123
1,1-Dichloroethene	10.0	10.06		ug/L		101	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.193		ug/L		92	74 - 126
Ethanol	100	134.5		ug/L		135	50 - 142
Ethylbenzene	10.0	11.05		ug/L		110	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	8.396		ug/L		84	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	8.809		ug/L		88	70 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-111025/4
Matrix: Water
Analysis Batch: 111025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			20.0	22.08		ug/L		110	80 - 120		
o-Xylene			10.0	11.20		ug/L		112	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	9.366		ug/L		94	80 - 121		
tert-Butyl alcohol (TBA)			50.0	51.56		ug/L		103	77 - 124		
Toluene			10.0	10.01		ug/L		100	80 - 120		
Trichloroethene			10.0	10.18		ug/L		102	80 - 120		
Vinyl chloride			10.0	10.52		ug/L		105	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*68 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-111025/5
Matrix: Water
Analysis Batch: 111025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.06		ug/L		101	80 - 120	0	12
Carbon tetrachloride			10.0	10.71		ug/L		107	75 - 142	4	15
Chlorobenzene			10.0	11.19		ug/L		112	80 - 120	0	12
1,2-Dibromoethane			10.0	10.59		ug/L		106	80 - 120	5	12
1,2-Dichlorobenzene			10.0	10.25		ug/L		102	80 - 120	4	14
1,2-Dichloroethane			10.0	11.36		ug/L		114	80 - 123	6	10
1,1-Dichloroethene			10.0	10.55		ug/L		106	74 - 128	5	17
Di-isopropyl ether (DIPE)			10.0	9.117		ug/L		91	74 - 126	1	11
Ethanol			100	140.7		ug/L		141	50 - 142	4	30
Ethylbenzene			10.0	10.99		ug/L		110	80 - 120	0	13
Ethyl-t-butyl ether (ETBE)			10.0	8.349		ug/L		83	60 - 126	1	11
Methyl-t-Butyl Ether (MTBE)			10.0	8.386		ug/L		84	70 - 121	5	11
m,p-Xylene			20.0	22.39		ug/L		112	80 - 120	1	13
o-Xylene			10.0	11.12		ug/L		111	80 - 120	1	12
Tert-amyl-methyl ether (TAME)			10.0	9.250		ug/L		93	80 - 121	1	10
tert-Butyl alcohol (TBA)			50.0	58.43		ug/L		117	77 - 124	12	23
Toluene			10.0	10.03		ug/L		100	80 - 120	0	13
Trichloroethene			10.0	10.20		ug/L		102	80 - 120	0	14
Vinyl chloride			10.0	10.82		ug/L		108	72 - 126	3	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*68 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-110473/5
Matrix: Water
Analysis Batch: 110473

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		50	30	ug/L			11/18/20 10:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*38 - 134*		*11/18/20 10:28*	*1*

Lab Sample ID: LCS 570-110473/6
Matrix: Water
Analysis Batch: 110473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2020	1974		ug/L		98	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*

Lab Sample ID: LCSD 570-110473/4
Matrix: Water
Analysis Batch: 110473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2020	2017		ug/L		100	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: 570-43331-1 MS
Matrix: Water
Analysis Batch: 110473

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)	43	J	2020	2096		ug/L		102	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*38 - 134*

Lab Sample ID: 570-43331-1 MSD
Matrix: Water
Analysis Batch: 110473

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	43	J	2020	2059		ug/L		100	68 - 122	2	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 570-110881/5
Matrix: Water
Analysis Batch: 110881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C12)	ND		50	30	ug/L			11/19/20 14:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*38 - 134*		*11/19/20 14:08*	*1*

Lab Sample ID: LCS 570-110881/3
Matrix: Water
Analysis Batch: 110881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2020	2015		ug/L		100	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*

Lab Sample ID: LCSD 570-110881/4
Matrix: Water
Analysis Batch: 110881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2020	2053		ug/L		102	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*

Lab Sample ID: 570-43568-D-2 MS
Matrix: Water
Analysis Batch: 110881

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)	ND		2020	1911		ug/L		95	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*

Lab Sample ID: 570-43568-D-2 MSD
Matrix: Water
Analysis Batch: 110881

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		2020	2000		ug/L		99	68 - 122	5	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-109366/1-A
Matrix: Water
Analysis Batch: 109592

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109366

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel (C13-C22)	ND		50	22	ug/L		11/13/20 09:24	11/13/20 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*68 - 140*	*11/13/20 09:24*	*11/13/20 22:01*	*1*

Lab Sample ID: LCS 570-109366/2-A
Matrix: Water
Analysis Batch: 109592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109366

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Diesel (C10-C28)			2000	2053		ug/L		103	69 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*99*		*68 - 140*

Lab Sample ID: LCSD 570-109366/3-A
Matrix: Water
Analysis Batch: 109592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109366

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Diesel (C10-C28)			2000	2092		ug/L		105	69 - 123	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*100*		*68 - 140*

Marginal Exceedance (ME) Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-110650/5
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	9.641		ug/L	96	80 - 120	73 - 127	
Carbon tetrachloride	10.0	8.615		ug/L	86	75 - 142	64 - 153	
Chlorobenzene	10.0	9.698		ug/L	97	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	9.491		ug/L	95	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	9.629		ug/L	96	80 - 120	73 - 127	
1,2-Dichloroethane	10.0	9.283		ug/L	93	80 - 123	73 - 130	
1,1-Dichloroethene	10.0	9.192		ug/L	92	74 - 128	65 - 137	
Di-isopropyl ether (DIPE)	10.0	9.045		ug/L	90	74 - 126	65 - 135	
Ethanol	100	150.0	* me	ug/L	150	50 - 142	35 - 157	ME
Ethylbenzene	10.0	9.564		ug/L	96	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	7.743		ug/L	77	60 - 126	49 - 137	
Methyl-t-Butyl Ether (MTBE)	10.0	7.882		ug/L	79	70 - 121	62 - 130	
m,p-Xylene	20.0	19.48		ug/L	97	80 - 120	73 - 127	
o-Xylene	10.0	9.595		ug/L	96	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	8.309		ug/L	83	80 - 121	73 - 128	
tert-Butyl alcohol (TBA)	50.0	51.31		ug/L	103	77 - 124	69 - 132	
Toluene	10.0	9.672		ug/L	97	80 - 120	73 - 127	
Trichloroethene	10.0	9.636		ug/L	96	80 - 120	73 - 127	
Vinyl chloride	10.0	9.891		ug/L	99	72 - 126	63 - 135	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
19	1	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-110650/7
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	9.498		ug/L	95	80 - 120	73 - 127	
Carbon tetrachloride	10.0	8.223		ug/L	82	75 - 142	64 - 153	
Chlorobenzene	10.0	9.603		ug/L	96	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	9.116		ug/L	91	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	9.282		ug/L	93	80 - 120	73 - 127	
1,2-Dichloroethane	10.0	8.916		ug/L	89	80 - 123	73 - 130	
1,1-Dichloroethene	10.0	9.120		ug/L	91	74 - 128	65 - 137	
Di-isopropyl ether (DIPE)	10.0	8.651		ug/L	87	74 - 126	65 - 135	
Ethanol	100	182.5	*	ug/L	183	50 - 142	35 - 157	X
Ethylbenzene	10.0	9.671		ug/L	97	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	7.143		ug/L	71	60 - 126	49 - 137	
Methyl-t-Butyl Ether (MTBE)	10.0	7.203		ug/L	72	70 - 121	62 - 130	
m,p-Xylene	20.0	19.59		ug/L	98	80 - 120	73 - 127	
o-Xylene	10.0	9.538		ug/L	95	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	7.375	* *1 me	ug/L	74	80 - 121	73 - 128	ME
tert-Butyl alcohol (TBA)	50.0	58.29		ug/L	117	77 - 124	69 - 132	
Toluene	10.0	9.460		ug/L	95	80 - 120	73 - 127	
Trichloroethene	10.0	9.327		ug/L	93	80 - 120	73 - 127	
Vinyl chloride	10.0	10.37		ug/L	104	72 - 126	63 - 135	

Marginal Exceedance (ME) Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
19	1	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 110650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-1	MW-1	Total/NA	Water	8260B	
570-43331-3	MW-3	Total/NA	Water	8260B	
MB 570-110650/9	Method Blank	Total/NA	Water	8260B	
LCS 570-110650/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-110650/7	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 111025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-2	MW-2	Total/NA	Water	8260B	
MB 570-111025/7	Method Blank	Total/NA	Water	8260B	
LCS 570-111025/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-111025/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 110473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-1	MW-1	Total/NA	Water	8015B	
MB 570-110473/5	Method Blank	Total/NA	Water	8015B	
LCS 570-110473/6	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-110473/4	Lab Control Sample Dup	Total/NA	Water	8015B	
570-43331-1 MS	MW-1	Total/NA	Water	8015B	
570-43331-1 MSD	MW-1	Total/NA	Water	8015B	

Analysis Batch: 110881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-2	MW-2	Total/NA	Water	8015B	
570-43331-3	MW-3	Total/NA	Water	8015B	
MB 570-110881/5	Method Blank	Total/NA	Water	8015B	
LCS 570-110881/3	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-110881/4	Lab Control Sample Dup	Total/NA	Water	8015B	
570-43568-D-2 MS	Matrix Spike	Total/NA	Water	8015B	
570-43568-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 109366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-1	MW-1	Total/NA	Water	3510C	
570-43331-2	MW-2	Total/NA	Water	3510C	
570-43331-3	MW-3	Total/NA	Water	3510C	
MB 570-109366/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-109366/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-109366/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 109592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-109366/1-A	Method Blank	Total/NA	Water	8015B	109366
LCS 570-109366/2-A	Lab Control Sample	Total/NA	Water	8015B	109366
LCSD 570-109366/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	109366

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

GC Semi VOA

Analysis Batch: 109668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-43331-1	MW-1	Total/NA	Water	8015B	109366
570-43331-2	MW-2	Total/NA	Water	8015B	109366
570-43331-3	MW-3	Total/NA	Water	8015B	109366

Lab Chronicle

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Client Sample ID: MW-1

Lab Sample ID: 570-43331-1

Date Collected: 11/09/20 12:00

Matrix: Water

Date Received: 11/09/20 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	110650	11/18/20 22:05	UX77	ECL 2
	Instrument ID: GCMST									
Total/NA	Analysis	8015B		1	5 mL	5 mL	110473	11/18/20 11:17	Z9SI	ECL 2
	Instrument ID: GC24									
Total/NA	Prep	3510C			539 mL	2.5 mL	109366	11/13/20 09:24	UFLU	ECL 1
Total/NA	Analysis	8015B		1			109668	11/14/20 18:30	N5Y3	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-2

Lab Sample ID: 570-43331-2

Date Collected: 11/09/20 10:30

Matrix: Water

Date Received: 11/09/20 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	20 mL	20 mL	111025	11/20/20 05:16	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8015B		10	5 mL	5 mL	110881	11/19/20 16:49	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			526 mL	2.5 mL	109366	11/13/20 09:24	UFLU	ECL 1
Total/NA	Analysis	8015B		1			109668	11/14/20 18:56	N5Y3	ECL 1
	Instrument ID: GC70A									

Client Sample ID: MW-3

Lab Sample ID: 570-43331-3

Date Collected: 11/09/20 09:00

Matrix: Water

Date Received: 11/09/20 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	110650	11/18/20 22:33	UX77	ECL 2
	Instrument ID: GCMST									
Total/NA	Analysis	8015B		1	5 mL	5 mL	110881	11/19/20 17:14	Z9SI	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			528.8 mL	2.5 mL	109366	11/13/20 09:24	UFLU	ECL 1
Total/NA	Analysis	8015B		1			109668	11/14/20 19:22	N5Y3	ECL 1
	Instrument ID: GC70A									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-30-21
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: ETIC Engineering, Inc.
Project/Site: ExxonMobil 18MRC

Job ID: 570-43331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-43331-1	MW-1	Water	11/09/20 12:00	11/09/20 17:45	
570-43331-2	MW-2	Water	11/09/20 10:30	11/09/20 17:45	
570-43331-3	MW-3	Water	11/09/20 09:00	11/09/20 17:45	

eurofins | Calscience

ExxonMobil Analysis Request/Chain of Custody

ECI WO#

7440 Lincoln Way, Garden Grove, CA 92841-1427
Office #: 714-895-5494

EM Agreement #: A 2604415

PO #: 43607

Facility#/SID: 18MRC

Site Address: 25808 Narbonne Avenue, Lomita, CA

ExxonMobil PM: Marla Madden

Cost Center/AFE:

Consultant/Office: ETIC - Arcadia

Consultant PM and Phone #: Zachary Spahn (626) 432-5999 x2512

Sampler: M. Blackwell

State of sample collection: CA

COC#:

Sample Identification	Geotracker Field Point Name	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Other	Total # of Containers	8015B TPHg	8260B Chlorinated Solvents Only	8260B BTEX/5-Oxys Full Scan	Alkalinity (SM 2320)	Ferrous Iron (SM 3500-Fe)	Nitrates (EPA 300.0)	Sulfates (EPA 300.0)	Methane (RKS 175(M))	Dissolved Oxygen (SM 4500-O G)	8015B TPHD	Comments:
MW-1	MW-1	11-9-20	1200	X			X		7	X		X							X	
MW-2	MW-2	11-9-20	1030	X			X		7	X		X							X	
MW-3	MW-3	11-9-20	1900	X			X		7	X		X							X	

570-43331 Chain of Custody

Turnaround Time Requested (TAT) (please circle):
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Standard 5 day 4day 72hour 48hour 24hour

Data Package Options (please circle if required)

Full Validation (Level III) (Level IV)

Please check requried EDD Format(s): Goetracker EDF (x) EIM ( ) EQUIS ( )

Geotracker Global ID: [redacted]T10000013273 (RH) **Log Code:**

Other: Please send report to: zspahn@eticeng.com, achien@eticeng.com

Relinquished by:	Date	Time	Received by:	Date	Time
	11/9/20	1700	EQ	11/09/2020	1700
	11/9/2020	1745		11/9/20	1745

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt ____ °C

Received by: Date: Time:

Custody Seals Intact? Yes No

3.6/2.8 SCG

Login Sample Receipt Checklist

Client: ETIC Engineering, Inc.

Job Number: 570-43331-1

Login Number: 43331
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	