Associated Environmental Group, LLC

September 23, 2020

Ms. Tahni Madden
1149 Market Street, MS-10-06
Tacoma, Washington 98402-3515

RE: TECHNICAL MEMORANDUM – BP GW Summary Data Assessment
Franciscan Medical Clinic
4550 Fauntleroy Way SW
Seattle, Washington 98126-3471
AEG Project No. 18-172

Dear Ms. Madden:

Associated Environmental Group, LLC (AEG) has prepared this Technical Memorandum for the purpose of presenting a summary of the first 3 quarters of groundwater sampling completed in 2020 on the Former BP Facility No. 11060 (4580 Fauntleroy Way SW, Seattle, Washington) by Arcadis. The sampling included 3 wells groundwater wells (GMW-1, MW-11, and MW-12) installed on the Franciscan Medical Clinic (Clinic) property, located at the above-referenced address in Seattle, Washington (Site). The laboratory reports were sent to Clinic without any explanations, maps, tables or summary of the work completed. AEG has put the data from the 3 groundwater monitoring wells that are on the Site and provided figures that will be helpful in getting a better understanding the impact to the property.

Please review the following attachments to this memorandum:

1. Arcadis - Figure 1, *Site Plan*, presents the general layout of the active service station and the locations of the monitoring wells including the 3 wells on the Clinic property.
2. A summary of the groundwater results for GMW-1, MW-11, and MW-12 as compared to the Washington Department of Ecology (Ecology) Model Toxics Cleanup Act (MTCA) Method A cleanup as Table 1, *Summary of Groundwater Analytical Results*.
3. AEG - Figure 2, *Sub-Slab Depressurization Point Locations*, presents the general layout of the active vapor collection system at the Site with an overlay of the BP Oil monitoring well locations shown.
4. AEG - Figure 3, *Basement Layout*, presents the general layout of the basement office area and the location of the soil gas and sub-slab samples with an approximate location of the 3 BP Oil monitoring well locations shown.

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5. A summary of the soil gas and vapor results for completed by AEG as compared to the Ecology MTCA Method B cleanup standards as Table 2, *Summary of Soil as and Sub-Slab Vapor Analytical Results*.
6. A summary of the sub-slab vapors removed from the sub-slab depressurization (SSD) points collected by AEG as compared to the Ecology MTCA Method B Sub-slab and Indoor Air cleanup standards as Table 3, *Summary of Soil as and Sub-Slab Vapor Analytical Results*.

The groundwater analytical results of the samples indicated the presence of Gasoline-Range Organics (GRO), Diesel-Range Organics (DRO) at concentrations exceeding their respective MTCA Method A cleanup levels in the 3 monitoring wells. Detected constituents with corresponding screening levels are summarized in Table 1, *Summary of Groundwater Analytical Results*.

The significance of the data from GMW-1, which has exceeded the MTCA Method A cleanup levels for gasoline and diesel for 2 quarters in 2020 and it is located directly upgradient of locations that have historically had high vapor concentrations for gasoline products (see Figure 2, Table 2 and Table 3).

Monitoring well MW-11 has shown levels exceeding the MTCA Method A cleanup levels for diesel in the first quarter of 2020 and was below in the third quarter of 2020. Data from MW-12 had levels exceeding the MTCA Method A cleanup levels for diesel in the first and third quarter of 2020. Diesel is not generally "volatile" but one of the components is naphthalene which has been seen in the soil gas samples from outside the building near the monitoring wells.

The estimated groundwater flow gradient has been shown to be east and northeast from the service station towards the Clinic property. This presents the potential for the contaminated groundwater to flow from the upgradient (service station) to the Clinic property. The contaminated water has the potential to release gasoline compounds in the vapor phase which may enter the building. The depth to groundwater in these wells ranges from 22 to 27 feet below ground surface (bgs) which is approximately 7 to 10 feet beneath the basement floor of the Clinic. We need to verify the exact elevation difference of the parking lot and the concrete floor of the building, but this is close for discussion.

The SSD system is still operating since April 2019 and from the last round of sampling in November 2019 all samples from the 3 SSD locations had GRO and benzene exceeding the screening levels. The SSDs remove vapors from beneath the concrete floor of the basement offices. If the SSDs were not operating those GRO and benzene in the vapor phase would potentially be entering the building space.

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If the groundwater wells were "clean" the potential for GRO vapors to enter the building would not be an issue. Since the 3 groundwater monitoring wells which are used to track the contamination groundwater plume from the former BP Site have analytical results exceeding MTCA Method A cleanup levels provides the potential for vapors to present in the subsurface and to enter the basement offices.

MTCA defines a *Site* as *"…any area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located."(WAC 173-340-200)* Contamination on the Former BP Facility No. 11060 property (BP Site) has migrated onto the Clinic property to the east. Therefore, the boundary of the BP Site also includes portions of the Clinic property.

To receive a No Further Action determination from Ecology (closing the cleanup) the entire "Site" needs to be assessed. This is done by confirmation soil sampling in areas that have had historic contamination, the Clinic property would need to be assessed as well for closure. The expansion of the operating remediation system needs to incorporate enough energy to reach the soils and groundwater beneath the Clinic property to remove the contamination. Other remediation options are also available to address the offsite contamination for soil and groundwater.

Based on the groundwater results presented for the three quarters of 2020 AEG recommends the following:

- Sampling the SSD vacuum points to assess if gasoline component vapors are still present to potentially migrate and intrude by way of differential subsurface pressures when HVAC systems are changed to heating mode and functioning at their normal duty loads within the Franciscan Medial Clinic.
- Maintenance of the SSD fan on the roof and inspection of the SSD point conveyance piping.

AEG can prepare a cost proposal for the sampling, summary report and maintenance for your review. The vapor sampling summary report should then be submitted to the Ecology Site Manager for review and conducting a follow-up meeting with Ecology to discuss the cleanup status of the adjacent Shell (former BP) station and Ecology's interpretation of the data results.

If you have comments or questions, please contact our office at your convenience at 360.352.9835.

Sincerely,

Associated Environmental Group, LLC

Charles S. Swift
Project Manager

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Table 1 - Summary of Groundwater Analytical Results
Franciscan Medical Clinic, West Seattle (18-172)
Seattle, Washington

Sample Number	Date Collected	Total Petroleum Hydrocarbons			Volatile Organic Compounds							Total Naphthalenes	Lead
		Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDC	EDB	MTBE		
GMW-1	3/25/2020	**594**	**409**	<250	**0.171**	<0.5	**1.1**	**1.06**	<0.5	<0.5	<5.0	**0.2**	--
	6/2/2020	**1,840**	--	--	<0.5	<0.5	0.216	0.21	<0.5	<0.5	<0.5	<2.5	<6.0
	8/6/2020	**1,400**	**751**	<250	**0.242**	**1.98**	**4.55**	**4.15**	<1.0	--	<1.0	<2.5	--
MW-11	3/25/2020	**75**	**747**	**131**	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<2.5	<5.0
	6/2/2020	**92**	--	--	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<2.5	**3.23**
	8/6/2020	**85**	**289**	**317**	<1.0	<1.0	<1.0	<3.0	<1.0	--	<1.0	<2.5	<6.0
MW-12	3/25/2020	**300**	**1,710**	**281**	**1.18**	<0.5	**0.884**	**0.318**	<0.5	<0.5	<0.5	**0.505**	<5.0
	6/2/2020	**917**	--	--	**0.872**	<0.5	**2.35**	**0.526**	<0.5	<0.5	<0.5	**1.03**	<6.0
	8/6/2020	**268**	**1,630**	**317**	**0.644**	<1.0	**0.5**	**0.488**	<1.0	--	<1.0	--	<6.0
PQL		100	250	250	0.5/1.0	0.5/1.0	0.5/1.0	1.5/3.0	0.5/1.0	0.5	1.0/5.0	2.5	5.0/6.0
MTCA Method A Cleanup Levels		800	500	500	5.0	1,000	700	1,000	5	0.01	20	160	15

Notes:
All values reported in micrograms per liter (µg/L)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels

EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
MTBE = Methyl tert-Butyl Ether
The data reports were provided by Franciscan Medical from Arcadis emails.

Table 2

Summary of Soil Gas and Sub-Slab Vapor Analytical Results

Franciscan Medical Clinic, West Seattle

Sample Number		SGV-1	SGV-2	SGV-3	SGV-4	SGV-5	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	Method B Sub-Slab Screening Level[1]	OSHA PEL (8-Hour TWA)	ACGIH TLVs (8-Hour TWA)
Date Collected		7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018			
Gasoline-Related Constituents																	
APH - Air Phase Hydrocarbons	EC5-8 Aliphatics	**1,300**	**3,800 ve**	**54,000 ve**	**1,600**	**210,000 ve**	**21,000**	**19,000**	**1,300**	**1,600**	**1,800**	**2,500**	**3,500 ve**	**590**	90,000	NL	NL
	EC 9-12 Aliphatics	**180**	**16,000 ve**	**45,000 ve**	**780**	**220,000 ve**	**67,000 ve**	**34,000 ve**	**1,600**	**1,300**	**1,500**	**2,200**	**3,600 ve**	**940**	4,700	NL	NL
	EC 9-10 Aromatics	<82	**910**	<620	<82	<1,900	<1,200	<620	<82	<82	<82	<82	**210**	<82	6,000	NL	NL
Volatile Organic Compounds	Hexane	**27**	**67**	**2,100**	**86**	**730**	<180	**88**	**44**	**71**	**39**	**31**	**28**	<12	10,700	500,000	50,000
	Benzene	**6.5**	**10**	**38**	**7.9**	**27**	<16	<8	**6.9**	**12**	**4.9**	**6.5**	**3.6**	<1.1	10.7*	10,000	500
	Toluene	<0.04	**23**	**37**	**15**	**36**	<19	<9.4	**11**	**17**	**24**	**14**	**9.5**	**4.1**	76,200	200,000	20,000
	Ethylbenzene	**2.0**	**9.5**	**32**	**4.5**	<33	<22	<11	**2**	**2.2**	**2.4**	**3.5**	**7.4**	**1.6**	15,200	100,000	20,000
	m,p-Xylene	**5.5**	**26**	**42**	**9.8**	<65	<43	<22	**8.6**	**10**	**9.7**	**11**	**20**	**8.3**	1,520	100,000	100,000
	o,p-Xylene	**2.4**	**20**	**26**	**5.3**	<33	<22	**12**	**3.6**	**2.9**	**3.1**	**3.9**	**14**	**3.8**	1,520	100,000	100,000
	Naphthalene	**1.90**	**4.0 fb**	**5.0 fb**	**4.5 fb**	**9.4 fb**	**6.0 fb**	**3.8 fb**	**1.3 fb**	**0.90 fb**	**0.97 fb**	**1.0 fb**	**1.4 fb**	**0.64 fb**	2.45*	10,000	10,000
Other Detected Volatile Organic Compounds																	
Selected Volatile Organic Compounds	Dichlorodifluoromethane	**2.4**	**2.6**	<12	**2.7**	<37	<25	<12	**2.5**	**2.5**	**2.5**	**2.4**	**2.4**	**2.4**	1,520	1,000	1,000
	Chloromethane	**0.7**	**2.5**	<5.2	**1.8**	<15	<10	<5.2	<0.68	<0.68	**0.9**	**1**	<0.68	<0.68	1,370	100	50
	Acetaldehyde	<30	<30	<220	**1,000 ve**	<680	<450	<230	<30	<30	<30	<30	<30	<30	37.9*	360	25
	Vinyl Chloride	<0.84	<0.84	<6.4	<0.84	<19	<13	<6.4	<0.84	**12**	<0.84	**11**	<0.84	<0.84	9.33*	1	1
	1,3-Butadiene	**6.8**	**29**	**80**	**8.9**	**60**	<1.1	<0.55	**2.7**	**4**	**2**	**4.3**	**1.1**	<0.0073	2.78*	5	2
	Acetonitrile	<5.5	<5.5	<42	**31**	<130	<84	<4	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	914	40	20
	Acrolein	**5.4**	**4.7**	<23	**19**	<69	<46	<23	<3	<3	<3	<3	**5.8**	<3	0.305	0.1	0.1
	Carbon Disulfide	<21	**32**	<160	<21	<470	<310	<160	<21	<21	<21	<21	<21	<21	10,700	20	10
	Chloroform	**0.53**	**1.4**	<1.2	**2.7**	<3.7	<2.4	<1.2	**12**	**1.1**	**0.71**	**0.29**	**0.24**	**4.7**	3.62*	50	10
	1,2-Dichloroethane	<0.13	**0.15**	<1.0	<0.13	<3	<2	<1	<0.13	<0.13	**0.16**	**0.39**	<0.13	<0.13	3.21*	100	100
	1,1,2-Trichloroethane	<0.18	<0.18	<1.4	<0.18	<4.1	<2.7	**3.4**	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	3.05	10	10
	Trichloroethylene (TCE)	**2.8**	**6.1**	**17**	**5.2**	<20	<13	**12 fb**	**5.5**	**5.1**	**39**	**5.4**	**2.0**	**3.5**	12.3*	100	50
	Tetrachloroethylene (PCE)	**8.1**	**35**	<17	**29**	<51	<34	<17	**16**	**15**	**5.0**	**2.6**	<2.2	<2.2	321*	100	25
	Chlorobenzene	<1.5	<1.5	<12	<1.5	<35	<23	<12	<1.5	<1.5	<1.5	<1.5	**6.1**	<1.5	762	75	10
	1,1,2,2-Tetrachloroethane	<0.45	<0.45	<3.4	<0.45	<10	<6.9	<3.4	<0.45	<0.45	<0.45	<0.45	**1.2**	<0.45	1.44*	5	1
	Styrene	<2.8	<2.8	<21	<2.8	<64	<43	<21	<2.8	<2.8	<2.8	**3.1**	<2.8	**6.4**	15,200	100	50
	1,4-Dichlorobenzene	<0.79	<0.79	<6	<0.79	<18	<12	<6	<0.79	<0.79	<0.79	<0.79	**3.3**	<0.79	7.58*	50	25

Notes:

All values presented in micrograms per cubic meter ($\mu g/m^3$)

ve = The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

fb = The analyte was detected in the method blank.

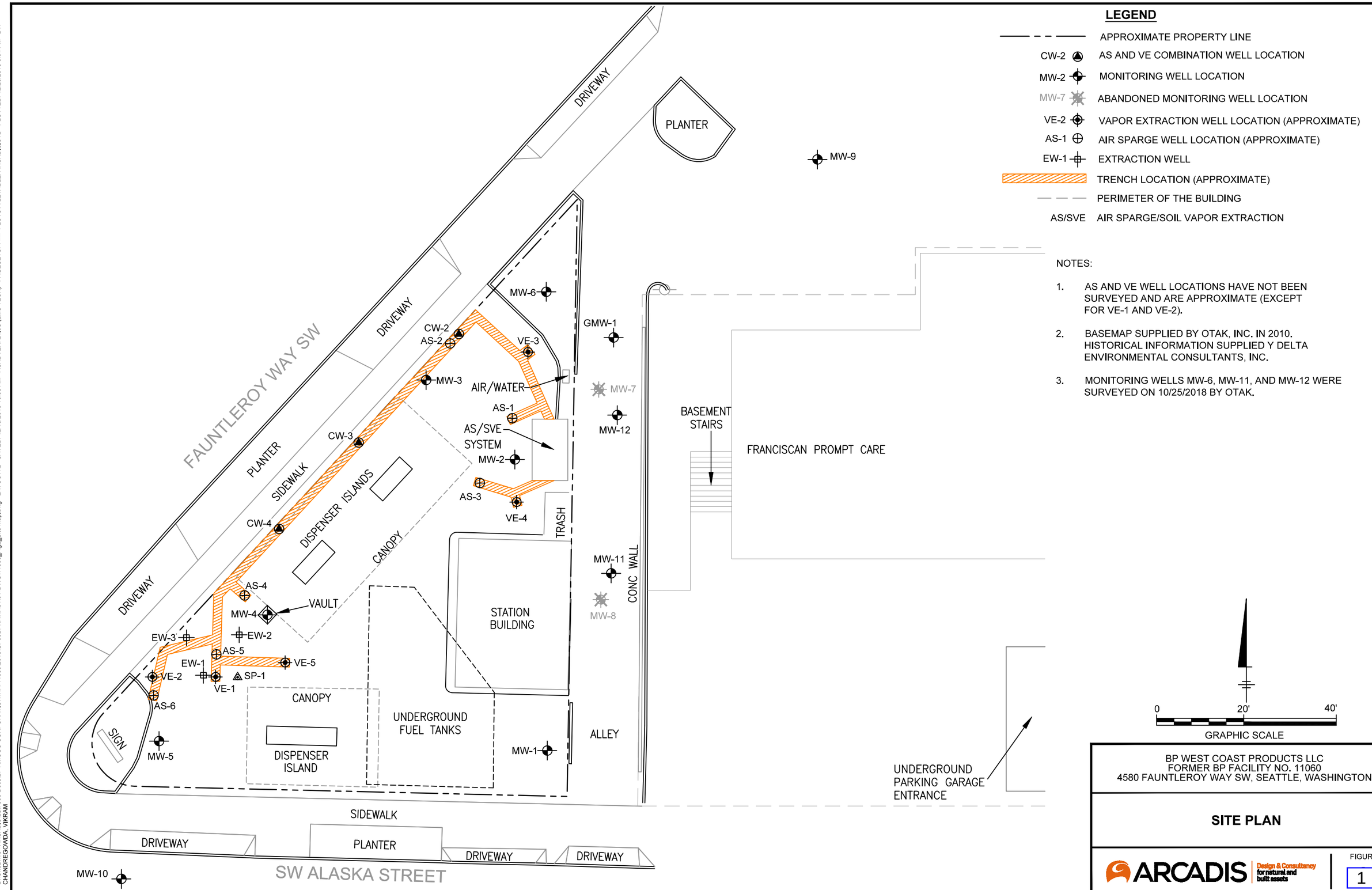
< = Not detected above laboratory reporting limits

[1]An exceedance of Ecology's Method B Screening Levels for sub-slab vapor indicate that particular contaminant is present at a concentration that has the potential to migrate into indoor air.

* Cancer screening level (all other constituents listed do not have cancer values)

Red Bold indicates the detected concentration exceeds Ecology MTCA Method B sub-slab screening levels

Bold indicates the detected concentration is below Ecology MTCA Method B sub-slab screening levels



LEGEND

- APPROXIMATE PROPERTY LINE
- CW-2 — AS AND VE COMBINATION WELL LOCATION
- MW-2 — MONITORING WELL LOCATION
- MW-7 — ABANDONED MONITORING WELL LOCATION
- VE-2 — VAPOR EXTRACTION WELL LOCATION (APPROXIMATE)
- AS-1 — AIR SPARGE WELL LOCATION (APPROXIMATE)
- EW-1 — EXTRACTION WELL
- TRENCH LOCATION (APPROXIMATE)
- PERIMETER OF THE BUILDING
- AS/SVE — AIR SPARGE/SOIL VAPOR EXTRACTION

NOTES:

1. AS AND VE WELL LOCATIONS HAVE NOT BEEN SURVEYED AND ARE APPROXIMATE (EXCEPT FOR VE-1 AND VE-2).
2. BASEMAP SUPPLIED BY OTAK, INC. IN 2010. HISTORICAL INFORMATION SUPPLIED Y DELTA ENVIRONMENTAL CONSULTANTS, INC.
3. MONITORING WELLS MW-6, MW-11, AND MW-12 WERE SURVEYED ON 10/25/2018 BY OTAK.

0 20' 40'

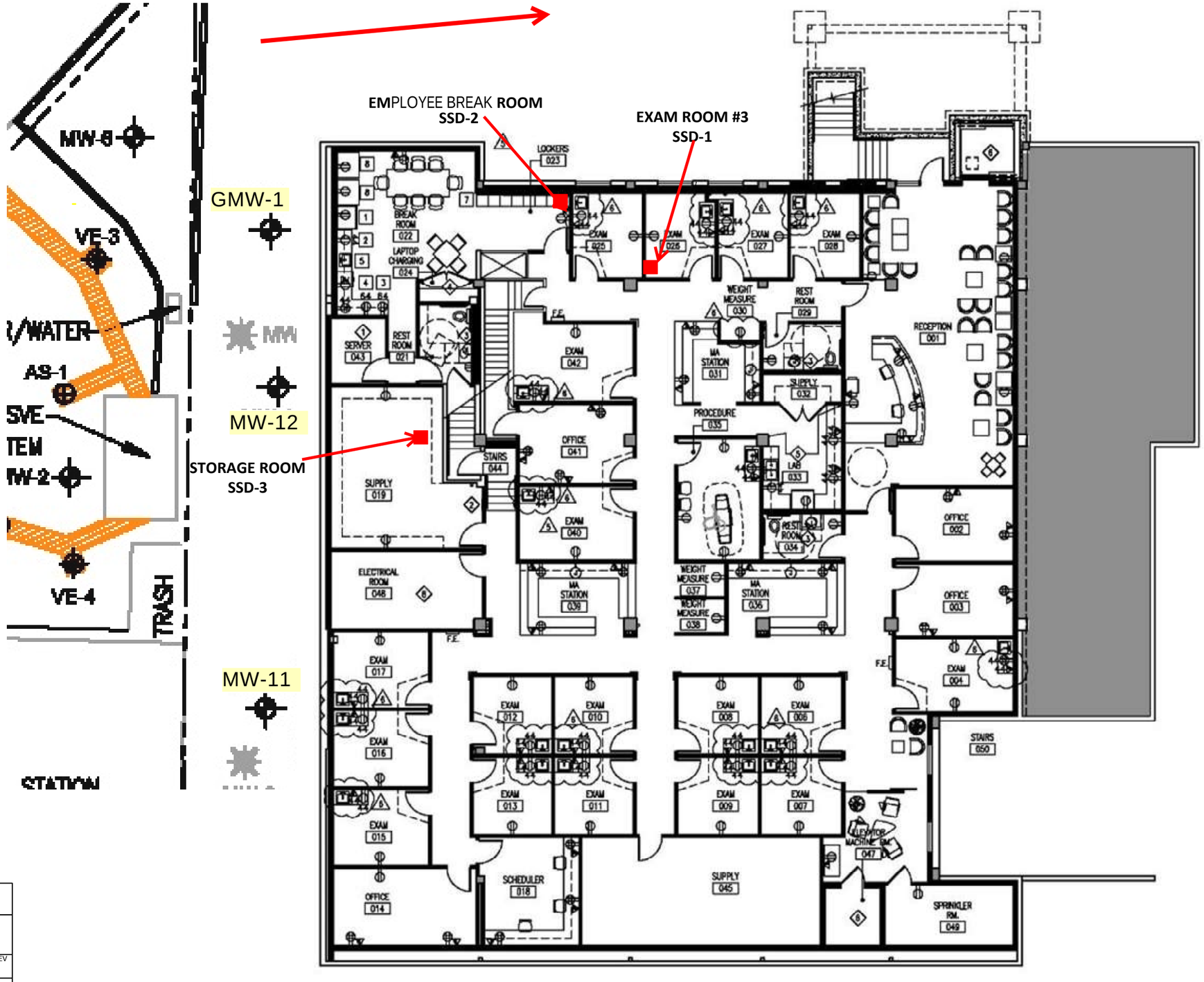
GRAPHIC SCALE

BP WEST COAST PRODUCTS LLC
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SW, SEATTLE, WASHINGTON

SITE PLAN

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1



Associated Environmental Group, LLC	FIGURE 2			
	SUB-SLAB DEPRESSURIZATION POINT LOCATIONS FRANCISCAN WEST SEATTLE, WASHINGTON			
PROJECT: 18-172	SIZE	FSCM NO	DWG NO	REV
	SCALE 1 : 1		SHEET 1 OF 3	

Table 3

Summary of Sub-Slab Vapor Analytical Results from Sub-Slab Depressurization Points

Franciscan Medical Clinic, West Seattle

Sample Number		Exam Room No. 3 (SSD-1)		Employee Break Room (SSD-2)		Storage Room (SSD-3)		Method B Sub-Slab Screening Level[1]	Method B Indoor Air Cleanup Level[2]	OSHA PEL (8-Hour TWA)	ACGIH TLVs (8-Hour TWA)
Date Collected		4/5/2019	11/5/2019	4/5/2019	11/5/2019	4/5/2019	11/5/2019				
Gasoline-Related Constituents											
APH - Air-Phase Hydrocarbons	EC5-8 Aliphatics	**210**	**378**	**110**	**676**	**330**	**903**	90,000	2,700	NL	NL
	EC9-12 Aliphatics	**120**	**467**	**91**	**3,700**	**180**	**3,750**	4,700	140	NL	NL
	EC9-10 Aromatics	<40	<31.4	<40	<31.4	<37	<31.4	6,000	180	NL	NL
Gasoline-Range Organics[3]		**330**	**845**	**201**	**4,376**	**510**	**4,653**	NL	140	NL	NL
Detected Volatile Organic Compounds											
Volatile Organic Compounds	Hexane	<5.6	<1.41	<5.6	<4.41	**7.9**	<1.41	10,700	320	500,000	50,000
	Benzene	<0.51	**0.439**	<0.51	**0.722**	**0.82 fb**	**0.395**	10.7*	0.321*	1,000	500
	Toluene	**6.8**	<1.51	**3.1**	**2.58**	**17**	**2.11**	76,200	2,290	200,000	20,000
	Ethylbenzene	**0.89**	<1.74	**0.97**	<1.74	**4.4**	<1.74	15,200	457	100,000	20,000
	m,p-Xylene	**2.3**	<3.47	**2.5**	<4.47	**9.4**	<3.47	1,520	45.7	100,000	100,000
	o,p-Xylene	**1.0**	<1.74	**0.99**	<1.71	**4.0**	<1.74	1,520	45.7	100,000	100,000
	Naphthalene	<0.42	**1.2**	<0.42	**5.05**	<0.39	**1.6**	2.45*	0.0735*	10,000	10,000
Other Detected Volatile Organic Compounds											
Selected Volatile Organic Compounds	Dichlorodifluoromethane	**2.4**	**2.58**	**2.4**	**2.56**	<0.13	**2.59**	1,520	45.7	1,000	1,000
	Chloroform	**2.2**	**4.7**	**0.38**	<0.977	**0.25**	<0.977	3.62*	0.1	50	10
	1,2-Dichloroethane (EDC)	**0.097**	<0.809	**0.078**	<0.810	**0.77**	<0.809	3.21*	0.096	100	100
	1,2,4-Trimethylbenzene	<1.2	<1.47	<1.2	<1.47	<3.7	**2.73**	106.6	3.2	NL	25,000
	1,3-Dichlorobenzene	<0.96	**7.38**	<0.96	**8.09**	<0.9	**11.8**	NL	NL	301,000	150,000
	Isopropol Alcohol	**420 ve**	**60.8**	**95**	**54.8**	**55**	**51.9**	NL	NL	980,000	200,000
	Trichloroethylene (TCE)	**4.1**	<0.349	**13**	<0.349	<0.4	<0.349	12.3*	0.37	100	50
	Tetrachloroethylene (PCE)	<11	**4.89**	**43**	<1.36	<10	<1.36	321*	9.60	100	25
	Styrene	<1.4	<1.7	**<1.4**	<1.70	6.2	<1.7	15,200	457	100	50
	Acetone	**52**	**23.9**	**37**	**43.7**	**55**	**13.5**	NL	NL	2,400,000	250,000

Notes:

All values presented in micrograms per cubic meter ($\mu g/m^3$)

< = Not detected above laboratory reporting limits

fb = The analyte was detected in the method blank.

ve = The analyte response exceeded the valid instrument calibration range. The reported value is an estimate.

* Cancer screening level (all other constituents listed do not have cancer values)

[1]An exceedance of Ecology's Method B sub-slab screening level indicates the constituent is present at a concentration in sub-slab vapor that has the potential to migrate into indoor air.

[2]An exceedance of Ecology's Method B cleanup level for indoor air indicates that, for the Site to receive a determination of No Further Action, mitigation is required via either removal of the source or redirection of vapors from the breathing zone.

[3]Gasoline-Range Organics were estimated using the sum of the results for APH EC5-8, APH EC9-12, and APH EC9-10

Red Bold indicates the detected concentration exceeds one or more regulatory levels

Bold indicates the detected concentration is below all regulatory levels

OSHA PEL = U.S. Department of Labor, Occupational Safety and Health Administration Permissible Exposure Limit. Federal regulatory standard.

TWA = Time-Weighted Average.

NL = Not Listed; no values have been established for these constituents.

ACGIH TLVs = American Conference of Governmental Industrial Hygienists Threshold Limit Values. ACGIH® is a private, not-for-profit, nongovernmental corporation. It is not a standards setting body. ACGIH® is a scientific association that develops recommendations or guidelines to assist in the control of occupational health hazards. TLVs® are health-based values and are not intended to be used as legal standards. Threshold Limit Values (TLVs®) refer to airborne concentrations of chemical substances and represent conditions under which it is believed that nearly all workers may be repeatedly exposed, day after day, over a working lifetime, without adverse effects.

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
18-172_1803.DWG	ICD 9/05/2018	SL 9/05/2018	SL 9/05/2018	18-172

SGV5

APPROXIMATE LOCATION OF BP WELLS

GMW-1

SGV4

BREAKROOM

4550 FAUNTLEROY WAY SW

FUEL CANOPY

MW-12

SS1

SUPPLY

SGV3

ELECTRICAL ROOM

MW-11

(BASEMENT)

SS2

EXAM 017

EXAM 012

EXAM 010

SS3

SHELL C STORE

EXAM 016

SS7

UPPER FLOOR PARKING

SS4

EXAM 013

EXAM 011

EXAM 015

SS8

SGV2

SGV1

OFFICE 014

SS5

SCHEDULER 018

SS6

N

W E

S

LEGEND

PROPERTY LINE

SUBSLAB VAPOR SAMPLE LOCATIONS

APPROXIMATE SOIL VAPOR BORING

NOTES

1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.

REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.

0 5 10

SCALE IN FEET

Associated Environmental Group, LLC

FIGURE 3

BASEMENT LAYOUT

FRANCISCAN MEDICAL CLINIC
4550 FAUNTLEROY WAY SW
SEATTLE, WASHINGTON

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

April 09, 2020

ARCADIS US - Seattle, WA

Sample Delivery Group:	L1203719
Samples Received:	03/28/2020
Project Number:	30014464
Description:	WA-11060
Site:	4580 FAUNTLEROY WAY SW, SEATTL
Report To:	Ross LaGrandeur 1100 Olive Way Suite 800 Seattle, WA 98101

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

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

GMW-1 L1203719-01 GW

Collected by: Trevor Bryant | Collected date/time: 03/25/20 14:10 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 16:50	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 06:12	03/29/20 06:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 21:50	04/02/20 21:50	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 21:10	04/05/20 21:10	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 11:06	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1453018	1	03/29/20 17:45	04/01/20 23:52	JN	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1452823	1	03/30/20 16:32	03/31/20 09:02	DMG	Mt. Juliet, TN

MW-1 L1203719-02 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 14:25 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 16:53	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 06:33	03/29/20 06:33	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 22:10	04/02/20 22:10	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 21:32	04/05/20 21:32	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 11:18	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 08:38	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 16:50	LEA	Mt. Juliet, TN

MW-2 L1203719-03 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 11:05 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 16:55	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 06:55	03/29/20 06:55	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 22:29	04/02/20 22:29	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 21:55	04/05/20 21:55	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 11:30	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 09:04	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 17:10	LEA	Mt. Juliet, TN

MW-3 L1203719-04 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 13:45 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 16:58	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 07:16	03/29/20 07:16	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 22:49	04/02/20 22:49	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 22:18	04/05/20 22:18	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 11:42	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 09:30	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 17:31	AO	Mt. Juliet, TN

MW-4 L1203719-05 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 16:15 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:01	EL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458062	1	04/09/20 11:00	04/09/20 13:42	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	25	03/29/20 12:16	03/29/20 12:16	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	50	04/02/20 23:09	04/02/20 23:09	JHH	Mt. Juliet, TN

MW-4 L1203719-05 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 16:15 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	50	04/06/20 03:14	04/06/20 03:14	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 11:54	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 09:56	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	5	03/30/20 16:28	04/02/20 15:32	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	2	03/31/20 05:29	03/31/20 17:52	LEA	Mt. Juliet, TN

MW-5 L1203719-06 GW

Collected by: Trevor Bryant | Collected date/time: 03/25/20 15:20 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:04	EL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458062	1	04/09/20 11:00	04/09/20 13:31	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 07:38	03/29/20 07:38	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 23:29	04/02/20 23:29	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 22:40	04/05/20 22:40	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 12:06	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1453018	1	03/29/20 17:45	04/02/20 00:12	JN	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1452823	1	03/30/20 16:32	03/31/20 09:22	DMG	Mt. Juliet, TN

MW-6 L1203719-07 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 13:04 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:07	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 07:59	03/29/20 07:59	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/02/20 23:49	04/02/20 23:49	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 23:03	04/05/20 23:03	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 12:19	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 10:48	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 18:12	AO	Mt. Juliet, TN

MW-9 L1203719-08 GW

Collected by: Trevor Bryant | Collected date/time: 03/26/20 15:50 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:10	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 08:21	03/29/20 08:21	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/03/20 00:09	04/03/20 00:09	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 23:26	04/05/20 23:26	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 12:31	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 11:14	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 18:33	LEA	Mt. Juliet, TN

MW-11 L1203719-09 GW

Collected by: Trevor Bryant | Collected date/time: 03/25/20 13:15 | Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:13	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452195	1	03/29/20 08:42	03/29/20 08:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/03/20 00:29	04/03/20 00:29	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/05/20 23:49	04/05/20 23:49	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 12:43	LEL	Mt. Juliet, TN

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

MW-11 L1203719-09 GW

Collected by: Trevor Bryant
Collected date/time: 03/25/20 13:15
Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1453018	1	03/29/20 17:45	04/02/20 00:33	JN	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1452823	1	03/30/20 16:32	03/31/20 09:42	DMG	Mt. Juliet, TN

MW-12 L1203719-10 GW

Collected by: Trevor Bryant
Collected date/time: 03/26/20 15:10
Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:21	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452724	1	03/30/20 13:56	03/30/20 13:56	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/03/20 00:49	04/03/20 00:49	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/06/20 00:12	04/06/20 00:12	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453098	1	03/31/20 08:08	04/01/20 12:55	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1452760	1	03/30/20 16:28	04/02/20 11:40	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1453002	1	03/31/20 05:29	03/31/20 18:54	LEA	Mt. Juliet, TN

DUP-1 L1203719-11 GW

Collected by: Trevor Bryant
Collected date/time: 03/25/20 00:00
Received date/time: 03/28/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1452321	1	03/30/20 06:35	03/30/20 17:24	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1452724	1	03/30/20 14:17	03/30/20 14:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1454874	1	04/03/20 01:09	04/03/20 01:09	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1455961	1	04/06/20 00:35	04/06/20 00:35	JHH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1453099	1	03/31/20 08:06	04/01/20 03:04	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1453018	1	03/29/20 17:45	04/02/20 00:53	JN	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1452823	1	03/30/20 16:32	03/31/20 10:02	DMG	Mt. Juliet, TN

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

Brian Ford
Project Manager

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		1.90	5.00	1	03/30/2020 16:50	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	594		31.6	100	1	03/29/2020 06:12	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*78.0-120*		*03/29/2020 06:12*	WG1452195

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.11	J	1.05	25.0	1	04/02/2020 21:50	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 21:50	WG1454874
Benzene	0.171	J	0.0896	0.500	1	04/02/2020 21:50	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 21:50	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 21:50	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 21:50	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 21:50	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 21:50	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 21:50	WG1454874
sec-Butylbenzene	1.12		0.134	0.500	1	04/02/2020 21:50	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/02/2020 21:50	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/02/2020 21:50	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 21:50	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 21:50	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 21:50	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 21:50	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 21:50	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 21:50	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 21:50	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 21:50	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 21:50	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 21:50	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 21:50	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/02/2020 21:50	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 21:50	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 21:50	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 21:50	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 21:50	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 21:50	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 21:50	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 21:50	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 21:50	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 21:50	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 21:50	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 21:50	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 21:50	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 21:50	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 21:50	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 21:50	WG1454874
Ethylbenzene	1.10		0.158	0.500	1	04/02/2020 21:50	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 21:10	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 21:50	WG1454874
n-Hexane	U		0.305	5.00	1	04/02/2020 21:50	WG1454874

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iodomethane	U		0.377	10.0	1	04/02/2020 21:50	WG1454874
Isopropylbenzene	1.24		0.126	0.500	1	04/02/2020 21:50	WG1454874
p-Isopropyltoluene	1.97		0.138	0.500	1	04/02/2020 21:50	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 21:50	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 21:50	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 21:50	WG1454874
Naphthalene	U		0.174	2.50	1	04/05/2020 21:10	WG1455961
n-Propylbenzene	1.12		0.162	0.500	1	04/02/2020 21:50	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 21:50	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 21:50	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 21:50	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 21:50	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 21:50	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 21:50	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 21:10	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 21:50	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 21:50	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 21:50	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 21:50	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 21:50	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 21:50	WG1454874
1,2,4-Trimethylbenzene	4.40		0.123	0.500	1	04/02/2020 21:50	WG1454874
1,2,3-Trimethylbenzene	0.921		0.0739	0.500	1	04/02/2020 21:50	WG1454874
1,3,5-Trimethylbenzene	0.285	J	0.124	0.500	1	04/02/2020 21:50	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 21:50	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 21:50	WG1454874
Xylenes, Total	1.06	J	0.316	1.50	1	04/02/2020 21:50	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 21:50	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 21:50	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 21:50	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 21:50	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 21:50	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 21:50	WG1454874
(S) Toluene-d8	*102*			*80.0-120*		*04/02/2020 21:50*	WG1454874
(S) Toluene-d8	*117*			*80.0-120*		*04/05/2020 21:10*	WG1455961
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*04/02/2020 21:50*	WG1454874
(S) 4-Bromofluorobenzene	*118*			*77.0-126*		*04/05/2020 21:10*	WG1455961
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/02/2020 21:50*	WG1454874
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/05/2020 21:10*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 11:06	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	409		66.7	200	1	04/01/2020 23:52	WG1453018
Residual Range Organics (RRO)	U		83.3	250	1	04/01/2020 23:52	WG1453018
(S) o-Terphenyl	*86.8*			*52.0-156*		*04/01/2020 23:52*	WG1453018

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 09:02	WG1452823
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 09:02	WG1452823
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 09:02	WG1452823
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 09:02	WG1452823
Chrysene	U		0.0108	0.0500	1	03/31/2020 09:02	WG1452823
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 09:02	WG1452823
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 09:02	WG1452823
Naphthalene	0.200	B J	0.0198	0.250	1	03/31/2020 09:02	WG1452823
1-Methylnaphthalene	0.0274	J	0.00821	0.250	1	03/31/2020 09:02	WG1452823
2-Methylnaphthalene	0.0130	J	0.00902	0.250	1	03/31/2020 09:02	WG1452823
(S) Nitrobenzene-d5	*80.0*			*31.0-160*		*03/31/2020 09:02*	WG1452823
(S) 2-Fluorobiphenyl	*90.0*			*48.0-148*		*03/31/2020 09:02*	WG1452823
(S) p-Terphenyl-d14	*87.4*			*37.0-146*		*03/31/2020 09:02*	WG1452823

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		1.90	5.00	1	03/30/2020 16:53	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	104	B	31.6	100	1	03/29/2020 06:33	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*03/29/2020 06:33*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		1.05	25.0	1	04/02/2020 22:10	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 22:10	WG1454874
Benzene	U		0.0896	0.500	1	04/02/2020 22:10	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 22:10	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 22:10	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 22:10	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 22:10	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 22:10	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 22:10	WG1454874
sec-Butylbenzene	0.575		0.134	0.500	1	04/02/2020 22:10	WG1454874
tert-Butylbenzene	0.271	J	0.183	0.500	1	04/02/2020 22:10	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/02/2020 22:10	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 22:10	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 22:10	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 22:10	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 22:10	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 22:10	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 22:10	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 22:10	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 22:10	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 22:10	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 22:10	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 22:10	WG1454874
1,2-Dichlorobenzene	0.366	J	0.101	0.500	1	04/02/2020 22:10	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 22:10	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 22:10	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 22:10	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 22:10	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 22:10	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 22:10	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 22:10	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 22:10	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 22:10	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 22:10	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 22:10	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 22:10	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 22:10	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 22:10	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 22:10	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/02/2020 22:10	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 21:32	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 22:10	WG1454874
n-Hexane	U		0.305	5.00	1	04/02/2020 22:10	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/02/2020 22:10	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/02/2020 22:10	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/02/2020 22:10	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 22:10	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 22:10	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 22:10	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 21:32	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/02/2020 22:10	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 22:10	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 22:10	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 22:10	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 22:10	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 22:10	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 22:10	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 21:32	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 22:10	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 22:10	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 22:10	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 22:10	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 22:10	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 22:10	WG1454874
1,2,4-Trimethylbenzene	U		0.123	0.500	1	04/02/2020 22:10	WG1454874
1,2,3-Trimethylbenzene	U		0.0739	0.500	1	04/02/2020 22:10	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/02/2020 22:10	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 22:10	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 22:10	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/02/2020 22:10	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 22:10	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 22:10	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 22:10	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 22:10	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 22:10	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 22:10	WG1454874
(S) Toluene-d8	*96.3*			*80.0-120*		*04/02/2020 22:10*	WG1454874
(S) Toluene-d8	*119*			*80.0-120*		*04/05/2020 21:32*	WG1455961
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*04/02/2020 22:10*	WG1454874
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*04/05/2020 21:32*	WG1455961
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/02/2020 22:10*	WG1454874
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/05/2020 21:32*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 11:18	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	339		66.7	200	1	04/02/2020 08:38	WG1452760
Residual Range Organics (RRO)	131	J	83.3	250	1	04/02/2020 08:38	WG1452760
(S) o-Terphenyl	*99.5*			*52.0-156*		*04/02/2020 08:38*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 16:50	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 16:50	WG1453002
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 16:50	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 16:50	WG1453002
Chrysene	U		0.0108	0.0500	1	03/31/2020 16:50	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 16:50	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 16:50	WG1453002
Naphthalene	0.0777	B J	0.0198	0.250	1	03/31/2020 16:50	WG1453002
1-Methylnaphthalene	U		0.00821	0.250	1	03/31/2020 16:50	WG1453002
2-Methylnaphthalene	U		0.00902	0.250	1	03/31/2020 16:50	WG1453002
(S) Nitrobenzene-d5	*94.5*			*31.0-160*		*03/31/2020 16:50*	WG1453002
(S) 2-Fluorobiphenyl	*94.5*			*48.0-148*		*03/31/2020 16:50*	WG1453002
(S) p-Terphenyl-d14	*91.5*			*37.0-146*		*03/31/2020 16:50*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	8.84		1.90	5.00	1	03/30/2020 16:55	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	134	B	31.6	100	1	03/29/2020 06:55	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*03/29/2020 06:55*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		1.05	25.0	1	04/02/2020 22:29	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 22:29	WG1454874
Benzene	1.39		0.0896	0.500	1	04/02/2020 22:29	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 22:29	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 22:29	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 22:29	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 22:29	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 22:29	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 22:29	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/02/2020 22:29	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/02/2020 22:29	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/02/2020 22:29	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 22:29	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 22:29	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 22:29	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 22:29	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 22:29	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 22:29	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 22:29	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 22:29	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 22:29	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 22:29	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 22:29	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/02/2020 22:29	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 22:29	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 22:29	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 22:29	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 22:29	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 22:29	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 22:29	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 22:29	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 22:29	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 22:29	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 22:29	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 22:29	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 22:29	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 22:29	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 22:29	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 22:29	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/02/2020 22:29	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 21:55	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 22:29	WG1454874
n-Hexane	U		0.305	5.00	1	04/02/2020 22:29	WG1454874

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iodomethane	U		0.377	10.0	1	04/02/2020 22:29	WG1454874
Isopropylbenzene	0.155	J	0.126	0.500	1	04/02/2020 22:29	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/02/2020 22:29	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 22:29	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 22:29	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 22:29	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 21:55	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/02/2020 22:29	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 22:29	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 22:29	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 22:29	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 22:29	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 22:29	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 22:29	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 21:55	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 22:29	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 22:29	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 22:29	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 22:29	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 22:29	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 22:29	WG1454874
1,2,4-Trimethylbenzene	0.575	B	0.123	0.500	1	04/02/2020 22:29	WG1454874
1,2,3-Trimethylbenzene	0.494	J	0.0739	0.500	1	04/02/2020 22:29	WG1454874
1,3,5-Trimethylbenzene	0.161	J	0.124	0.500	1	04/02/2020 22:29	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 22:29	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 22:29	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/02/2020 22:29	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 22:29	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 22:29	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 22:29	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 22:29	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 22:29	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 22:29	WG1454874
(S) Toluene-d8	*99.1*			*80.0-120*		*04/02/2020 22:29*	WG1454874
(S) Toluene-d8	*106*			*80.0-120*		*04/05/2020 21:55*	WG1455961
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/02/2020 22:29*	WG1454874
(S) 4-Bromofluorobenzene	*88.5*			*77.0-126*		*04/05/2020 21:55*	WG1455961
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/02/2020 22:29*	WG1454874
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*04/05/2020 21:55*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 11:30	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	2400		66.7	200	1	04/02/2020 09:04	WG1452760
Residual Range Organics (RRO)	456		83.3	250	1	04/02/2020 09:04	WG1452760
(S) o-Terphenyl	*107*			*52.0-156*		*04/02/2020 09:04*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 17:10	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 17:10	WG1453002
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 17:10	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 17:10	WG1453002
Chrysene	U		0.0108	0.0500	1	03/31/2020 17:10	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 17:10	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 17:10	WG1453002
Naphthalene	0.0939	B J	0.0198	0.250	1	03/31/2020 17:10	WG1453002
1-Methylnaphthalene	U		0.00821	0.250	1	03/31/2020 17:10	WG1453002
2-Methylnaphthalene	U		0.00902	0.250	1	03/31/2020 17:10	WG1453002
(S) Nitrobenzene-d5	*99.0*			*31.0-160*		*03/31/2020 17:10*	WG1453002
(S) 2-Fluorobiphenyl	*92.5*			*48.0-148*		*03/31/2020 17:10*	WG1453002
(S) p-Terphenyl-d14	*90.5*			*37.0-146*		*03/31/2020 17:10*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		1.90	5.00	1	03/30/2020 16:58	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	03/29/2020 07:16	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*03/29/2020 07:16*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		1.05	25.0	1	04/02/2020 22:49	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 22:49	WG1454874
Benzene	U		0.0896	0.500	1	04/02/2020 22:49	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 22:49	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 22:49	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 22:49	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 22:49	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 22:49	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 22:49	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/02/2020 22:49	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/02/2020 22:49	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/02/2020 22:49	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 22:49	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 22:49	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 22:49	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 22:49	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 22:49	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 22:49	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 22:49	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 22:49	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 22:49	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 22:49	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 22:49	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/02/2020 22:49	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 22:49	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 22:49	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 22:49	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 22:49	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 22:49	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 22:49	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 22:49	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 22:49	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 22:49	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 22:49	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 22:49	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 22:49	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 22:49	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 22:49	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 22:49	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/02/2020 22:49	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 22:18	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 22:49	WG1454874
n-Hexane	U		0.305	5.00	1	04/02/2020 22:49	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/02/2020 22:49	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/02/2020 22:49	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/02/2020 22:49	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 22:49	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 22:49	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 22:49	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 22:18	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/02/2020 22:49	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 22:49	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 22:49	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 22:49	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 22:49	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 22:49	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 22:49	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 22:18	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 22:49	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 22:49	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 22:49	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 22:49	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 22:49	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 22:49	WG1454874
1,2,4-Trimethylbenzene	U		0.123	0.500	1	04/02/2020 22:49	WG1454874
1,2,3-Trimethylbenzene	U		0.0739	0.500	1	04/02/2020 22:49	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/02/2020 22:49	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 22:49	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 22:49	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/02/2020 22:49	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 22:49	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 22:49	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 22:49	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 22:49	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 22:49	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 22:49	WG1454874
(S) Toluene-d8	*97.4*			*80.0-120*		*04/02/2020 22:49*	WG1454874
(S) Toluene-d8	*116*			*80.0-120*		*04/05/2020 22:18*	WG1455961
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/02/2020 22:49*	WG1454874
(S) 4-Bromofluorobenzene	*83.6*			*77.0-126*		*04/05/2020 22:18*	WG1455961
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/02/2020 22:49*	WG1454874
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/05/2020 22:18*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 11:42	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	101	J	66.7	200	1	04/02/2020 09:30	WG1452760
Residual Range Organics (RRO)	94.3	J	83.3	250	1	04/02/2020 09:30	WG1452760
(S) o-Terphenyl	*94.7*			*52.0-156*		*04/02/2020 09:30*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 17:31	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 17:31	WG1453002
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 17:31	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 17:31	WG1453002
Chrysene	U		0.0108	0.0500	1	03/31/2020 17:31	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 17:31	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 17:31	WG1453002
Naphthalene	0.0293	B J	0.0198	0.250	1	03/31/2020 17:31	WG1453002
1-Methylnaphthalene	U		0.00821	0.250	1	03/31/2020 17:31	WG1453002
2-Methylnaphthalene	U		0.00902	0.250	1	03/31/2020 17:31	WG1453002
(S) Nitrobenzene-d5	*105*			*31.0-160*		*03/31/2020 17:31*	WG1453002
(S) 2-Fluorobiphenyl	*95.0*			*48.0-148*		*03/31/2020 17:31*	WG1453002
(S) p-Terphenyl-d14	*91.0*			*37.0-146*		*03/31/2020 17:31*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	204		1.90	5.00	1	03/30/2020 17:01	WG1452321
Lead,Dissolved	53.5		2.95	6.00	1	04/09/2020 13:42	WG1458062

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	17400		790	2500	25	03/29/2020 12:16	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*78.0-120*		*03/29/2020 12:16*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		52.5	1250	50	04/02/2020 23:09	WG1454874
Acrylonitrile	U		43.7	250	50	04/02/2020 23:09	WG1454874
Benzene	162		4.48	25.0	50	04/02/2020 23:09	WG1454874
Bromobenzene	U		6.65	25.0	50	04/02/2020 23:09	WG1454874
Bromodichloromethane	U		4.00	25.0	50	04/02/2020 23:09	WG1454874
Bromochloromethane	U		7.25	25.0	50	04/02/2020 23:09	WG1454874
Bromoform	U	J0	9.30	25.0	50	04/02/2020 23:09	WG1454874
Bromomethane	U		7.85	125	50	04/02/2020 23:09	WG1454874
n-Butylbenzene	U		7.15	25.0	50	04/02/2020 23:09	WG1454874
sec-Butylbenzene	10.3	J	6.70	25.0	50	04/02/2020 23:09	WG1454874
tert-Butylbenzene	U		9.15	25.0	50	04/02/2020 23:09	WG1454874
Carbon disulfide	U		5.05	25.0	50	04/02/2020 23:09	WG1454874
Carbon tetrachloride	U		7.95	25.0	50	04/02/2020 23:09	WG1454874
Chlorobenzene	U		7.00	25.0	50	04/02/2020 23:09	WG1454874
Chlorodibromomethane	U		6.40	25.0	50	04/02/2020 23:09	WG1454874
Chloroethane	U		7.05	125	50	04/02/2020 23:09	WG1454874
Chloroform	U		4.30	25.0	50	04/02/2020 23:09	WG1454874
Chloromethane	U		7.65	62.5	50	04/02/2020 23:09	WG1454874
2-Chlorotoluene	U		5.55	25.0	50	04/02/2020 23:09	WG1454874
4-Chlorotoluene	U		4.86	25.0	50	04/02/2020 23:09	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	16.3	125	50	04/02/2020 23:09	WG1454874
1,2-Dibromoethane	U		9.65	25.0	50	04/02/2020 23:09	WG1454874
Dibromomethane	U		5.85	25.0	50	04/02/2020 23:09	WG1454874
1,2-Dichlorobenzene	U		5.05	25.0	50	04/02/2020 23:09	WG1454874
1,3-Dichlorobenzene	U		6.50	25.0	50	04/02/2020 23:09	WG1454874
1,4-Dichlorobenzene	U		6.05	25.0	50	04/02/2020 23:09	WG1454874
Dichlorodifluoromethane	U		6.35	125	50	04/02/2020 23:09	WG1454874
1,1-Dichloroethane	U		5.70	25.0	50	04/02/2020 23:09	WG1454874
1,2-Dichloroethane	U		5.40	25.0	50	04/02/2020 23:09	WG1454874
1,1-Dichloroethene	U		9.40	25.0	50	04/02/2020 23:09	WG1454874
cis-1,2-Dichloroethene	U		4.67	25.0	50	04/02/2020 23:09	WG1454874
trans-1,2-Dichloroethene	U		7.60	25.0	50	04/02/2020 23:09	WG1454874
1,2-Dichloropropane	U		9.50	25.0	50	04/02/2020 23:09	WG1454874
1,1-Dichloropropene	U		6.40	25.0	50	04/02/2020 23:09	WG1454874
1,3-Dichloropropane	U		7.35	50.0	50	04/02/2020 23:09	WG1454874
cis-1,3-Dichloropropene	U		4.88	25.0	50	04/02/2020 23:09	WG1454874
trans-1,3-Dichloropropene	U		11.1	25.0	50	04/02/2020 23:09	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	12.9	250	50	04/02/2020 23:09	WG1454874
2,2-Dichloropropane	U		4.65	25.0	50	04/02/2020 23:09	WG1454874
Ethylbenzene	130		7.90	25.0	50	04/02/2020 23:09	WG1454874
Hexachloro-1,3-butadiene	U		7.85	50.0	50	04/06/2020 03:14	WG1455961
2-Hexanone	U		37.9	250	50	04/02/2020 23:09	WG1454874

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

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
n-Hexane	109	J	15.3	250	50	04/02/2020 23:09	WG1454874
Iodomethane	U		18.9	500	50	04/02/2020 23:09	WG1454874
Isopropylbenzene	17.4	J	6.30	25.0	50	04/02/2020 23:09	WG1454874
p-Isopropyltoluene	16.6	J	6.90	25.0	50	04/02/2020 23:09	WG1454874
2-Butanone (MEK)	U		64.0	250	50	04/02/2020 23:09	WG1454874
Methylene Chloride	U		53.5	125	50	04/02/2020 23:09	WG1454874
4-Methyl-2-pentanone (MIBK)	U		41.2	250	50	04/02/2020 23:09	WG1454874
Naphthalene	131	J0	8.70	125	50	04/06/2020 03:14	WG1455961
n-Propylbenzene	28.2		8.10	25.0	50	04/02/2020 23:09	WG1454874
Styrene	U		5.85	25.0	50	04/02/2020 23:09	WG1454874
1,1,1,2-Tetrachloroethane	U		6.00	25.0	50	04/02/2020 23:09	WG1454874
1,1,2,2-Tetrachloroethane	U		6.50	25.0	50	04/02/2020 23:09	WG1454874
1,1,2-Trichlorotrifluoroethane	U		8.20	25.0	50	04/02/2020 23:09	WG1454874
Tetrachloroethene	U		9.95	25.0	50	04/02/2020 23:09	WG1454874
Toluene	209		20.6	25.0	50	04/02/2020 23:09	WG1454874
1,2,3-Trichlorobenzene	U		8.20	25.0	50	04/06/2020 03:14	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	17.8	25.0	50	04/02/2020 23:09	WG1454874
1,1,1-Trichloroethane	U		4.70	25.0	50	04/02/2020 23:09	WG1454874
1,1,2-Trichloroethane	U		9.30	25.0	50	04/02/2020 23:09	WG1454874
Trichloroethene	U		7.65	25.0	50	04/02/2020 23:09	WG1454874
Trichlorofluoromethane	U		6.50	125	50	04/02/2020 23:09	WG1454874
1,2,3-Trichloropropane	U		12.3	125	50	04/02/2020 23:09	WG1454874
1,2,4-Trimethylbenzene	729		6.15	25.0	50	04/02/2020 23:09	WG1454874
1,2,3-Trimethylbenzene	536		3.69	25.0	50	04/02/2020 23:09	WG1454874
1,3,5-Trimethylbenzene	252		6.20	25.0	50	04/02/2020 23:09	WG1454874
Vinyl acetate	U		32.3	250	50	04/02/2020 23:09	WG1454874
Vinyl chloride	U		5.90	25.0	50	04/02/2020 23:09	WG1454874
Xylenes, Total	1670		0.316	1.50	50	04/02/2020 23:09	WG1454874
Di-isopropyl ether	U		4.62	25.0	50	04/02/2020 23:09	WG1454874
Ethanol	U	J0	2100	5000	50	04/02/2020 23:09	WG1454874
Ethyl tert-butyl ether	U		13.5	50.0	50	04/02/2020 23:09	WG1454874
Methyl tert-butyl ether	U		5.10	25.0	50	04/02/2020 23:09	WG1454874
tert-Butyl alcohol	U		120	250	50	04/02/2020 23:09	WG1454874
tert-Amyl Methyl Ether	U		13.0	50.0	50	04/02/2020 23:09	WG1454874
(S) Toluene-d8	*98.3*			*80.0-120*		*04/02/2020 23:09*	WG1454874
(S) Toluene-d8	*104*			*80.0-120*		*04/06/2020 03:14*	WG1455961
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*04/02/2020 23:09*	WG1454874
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*04/06/2020 03:14*	WG1455961
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/02/2020 23:09*	WG1454874
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/06/2020 03:14*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 11:54	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	11200		333	1000	5	04/02/2020 15:32	WG1452760
Residual Range Organics (RRO)	439		83.3	250	1	04/02/2020 09:56	WG1452760
(S) o-Terphenyl	*92.1*			*52.0-156*		*04/02/2020 09:56*	WG1452760
(S) o-Terphenyl	*99.5*			*52.0-156*		*04/02/2020 15:32*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	0.0381	J	0.00820	0.100	2	03/31/2020 17:52	WG1453002
Benzo(a)pyrene	0.0250	J	0.0232	0.100	2	03/31/2020 17:52	WG1453002
Benzo(b)fluoranthene	0.0344	J	0.00424	0.100	2	03/31/2020 17:52	WG1453002
Benzo(k)fluoranthene	U		0.0272	0.100	2	03/31/2020 17:52	WG1453002
Chrysene	U		0.0216	0.100	2	03/31/2020 17:52	WG1453002
Dibenz(a,h)anthracene	U		0.00792	0.100	2	03/31/2020 17:52	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0296	0.100	2	03/31/2020 17:52	WG1453002
Naphthalene	113		0.0396	0.500	2	03/31/2020 17:52	WG1453002
1-Methylnaphthalene	21.7		0.0164	0.500	2	03/31/2020 17:52	WG1453002
2-Methylnaphthalene	35.5		0.0180	0.500	2	03/31/2020 17:52	WG1453002
(S) Nitrobenzene-d5	*369*	J1		*31.0-160*		*03/31/2020 17:52*	WG1453002
(S) 2-Fluorobiphenyl	*71.5*			*48.0-148*		*03/31/2020 17:52*	WG1453002
(S) p-Terphenyl-d14	*73.5*			*37.0-146*		*03/31/2020 17:52*	WG1453002

Sample Narrative:

L1203719-05 WG1453002: Dilution due to matrix impact during extraction procedure

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	21.2		1.90	5.00	1	03/30/2020 17:04	WG1452321
Lead,Dissolved	3.84	J	2.95	6.00	1	04/09/2020 13:31	WG1458062

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	03/29/2020 07:38	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.2*			*78.0-120*		*03/29/2020 07:38*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	4.28	J	1.05	25.0	1	04/02/2020 23:29	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 23:29	WG1454874
Benzene	U		0.0896	0.500	1	04/02/2020 23:29	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 23:29	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 23:29	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 23:29	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 23:29	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 23:29	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 23:29	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/02/2020 23:29	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/02/2020 23:29	WG1454874
Carbon disulfide	1.23		0.101	0.500	1	04/02/2020 23:29	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 23:29	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 23:29	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 23:29	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 23:29	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 23:29	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 23:29	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 23:29	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 23:29	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 23:29	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 23:29	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 23:29	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/02/2020 23:29	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 23:29	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 23:29	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 23:29	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 23:29	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 23:29	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 23:29	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 23:29	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 23:29	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 23:29	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 23:29	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 23:29	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 23:29	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 23:29	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 23:29	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 23:29	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/02/2020 23:29	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 22:40	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 23:29	WG1454874

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
n-Hexane	U		0.305	5.00	1	04/02/2020 23:29	WG1454874
Iodomethane	U		0.377	10.0	1	04/02/2020 23:29	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/02/2020 23:29	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/02/2020 23:29	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 23:29	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 23:29	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 23:29	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 22:40	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/02/2020 23:29	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 23:29	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 23:29	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 23:29	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 23:29	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 23:29	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 23:29	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 22:40	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 23:29	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 23:29	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 23:29	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 23:29	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 23:29	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 23:29	WG1454874
1,2,4-Trimethylbenzene	0.209	B J	0.123	0.500	1	04/02/2020 23:29	WG1454874
1,2,3-Trimethylbenzene	0.193	J	0.0739	0.500	1	04/02/2020 23:29	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/02/2020 23:29	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 23:29	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 23:29	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/02/2020 23:29	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 23:29	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 23:29	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 23:29	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 23:29	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 23:29	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 23:29	WG1454874
(S) Toluene-d8	*97.5*			*80.0-120*		*04/02/2020 23:29*	WG1454874
(S) Toluene-d8	*111*			*80.0-120*		*04/05/2020 22:40*	WG1455961
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*04/02/2020 23:29*	WG1454874
(S) 4-Bromofluorobenzene	*83.3*			*77.0-126*		*04/05/2020 22:40*	WG1455961
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/02/2020 23:29*	WG1454874
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/05/2020 22:40*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 12:06	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	300		66.7	200	1	04/02/2020 00:12	WG1453018
Residual Range Organics (RRO)	108	J	83.3	250	1	04/02/2020 00:12	WG1453018
(S) o-Terphenyl	*78.9*			*52.0-156*		*04/02/2020 00:12*	WG1453018

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 09:22	WG1452823
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 09:22	WG1452823
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 09:22	WG1452823
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 09:22	WG1452823
Chrysene	U		0.0108	0.0500	1	03/31/2020 09:22	WG1452823
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 09:22	WG1452823
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 09:22	WG1452823
Naphthalene	0.0349	B J	0.0198	0.250	1	03/31/2020 09:22	WG1452823
1-Methylnaphthalene	U		0.00821	0.250	1	03/31/2020 09:22	WG1452823
2-Methylnaphthalene	U		0.00902	0.250	1	03/31/2020 09:22	WG1452823
(S) Nitrobenzene-d5	*84.2*			*31.0-160*		*03/31/2020 09:22*	WG1452823
(S) 2-Fluorobiphenyl	*90.5*			*48.0-148*		*03/31/2020 09:22*	WG1452823
(S) p-Terphenyl-d14	*88.4*			*37.0-146*		*03/31/2020 09:22*	WG1452823

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		1.90	5.00	1	03/30/2020 17:07	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	03/29/2020 07:59	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*03/29/2020 07:59*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.20	J	1.05	25.0	1	04/02/2020 23:49	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/02/2020 23:49	WG1454874
Benzene	U		0.0896	0.500	1	04/02/2020 23:49	WG1454874
Bromobenzene	U		0.133	0.500	1	04/02/2020 23:49	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/02/2020 23:49	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/02/2020 23:49	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/02/2020 23:49	WG1454874
Bromomethane	U		0.157	2.50	1	04/02/2020 23:49	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/02/2020 23:49	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/02/2020 23:49	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/02/2020 23:49	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/02/2020 23:49	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/02/2020 23:49	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/02/2020 23:49	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/02/2020 23:49	WG1454874
Chloroethane	U		0.141	2.50	1	04/02/2020 23:49	WG1454874
Chloroform	U		0.0860	0.500	1	04/02/2020 23:49	WG1454874
Chloromethane	U		0.153	1.25	1	04/02/2020 23:49	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/02/2020 23:49	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/02/2020 23:49	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/02/2020 23:49	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/02/2020 23:49	WG1454874
Dibromomethane	U		0.117	0.500	1	04/02/2020 23:49	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/02/2020 23:49	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/02/2020 23:49	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/02/2020 23:49	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/02/2020 23:49	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/02/2020 23:49	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/02/2020 23:49	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/02/2020 23:49	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/02/2020 23:49	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/02/2020 23:49	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/02/2020 23:49	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/02/2020 23:49	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/02/2020 23:49	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/02/2020 23:49	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/02/2020 23:49	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/02/2020 23:49	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/02/2020 23:49	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/02/2020 23:49	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 23:03	WG1455961
2-Hexanone	U		0.757	5.00	1	04/02/2020 23:49	WG1454874
n-Hexane	U		0.305	5.00	1	04/02/2020 23:49	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/02/2020 23:49	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/02/2020 23:49	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/02/2020 23:49	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/02/2020 23:49	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/02/2020 23:49	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/02/2020 23:49	WG1454874
Naphthalene	U		0.174	2.50	1	04/05/2020 23:03	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/02/2020 23:49	WG1454874
Styrene	U		0.117	0.500	1	04/02/2020 23:49	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/02/2020 23:49	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/02/2020 23:49	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/02/2020 23:49	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/02/2020 23:49	WG1454874
Toluene	U		0.412	0.500	1	04/02/2020 23:49	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 23:03	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/02/2020 23:49	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/02/2020 23:49	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/02/2020 23:49	WG1454874
Trichloroethene	U		0.153	0.500	1	04/02/2020 23:49	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/02/2020 23:49	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/02/2020 23:49	WG1454874
1,2,4-Trimethylbenzene	U		0.123	0.500	1	04/02/2020 23:49	WG1454874
1,2,3-Trimethylbenzene	U		0.0739	0.500	1	04/02/2020 23:49	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/02/2020 23:49	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/02/2020 23:49	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/02/2020 23:49	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/02/2020 23:49	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/02/2020 23:49	WG1454874
Ethanol	U	J0	42.0	100	1	04/02/2020 23:49	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/02/2020 23:49	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/02/2020 23:49	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/02/2020 23:49	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/02/2020 23:49	WG1454874
(S) Toluene-d8	*96.4*			*80.0-120*		*04/02/2020 23:49*	WG1454874
(S) Toluene-d8	*110*			*80.0-120*		*04/05/2020 23:03*	WG1455961
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*04/02/2020 23:49*	WG1454874
(S) 4-Bromofluorobenzene	*77.4*			*77.0-126*		*04/05/2020 23:03*	WG1455961
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*04/02/2020 23:49*	WG1454874
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/05/2020 23:03*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 12:19	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	73.9	J	66.7	200	1	04/02/2020 10:48	WG1452760
Residual Range Organics (RRO)	152	J	83.3	250	1	04/02/2020 10:48	WG1452760
(S) o-Terphenyl	*102*			*52.0-156*		*04/02/2020 10:48*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 18:12	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 18:12	WG1453002
Benzo(b)fluoranthene	0.00655	J	0.00212	0.0500	1	03/31/2020 18:12	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 18:12	WG1453002
Chrysene	0.0112	J	0.0108	0.0500	1	03/31/2020 18:12	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 18:12	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 18:12	WG1453002
Naphthalene	0.0625	B J	0.0198	0.250	1	03/31/2020 18:12	WG1453002
1-Methylnaphthalene	0.0164	J	0.00821	0.250	1	03/31/2020 18:12	WG1453002
2-Methylnaphthalene	0.0200	J	0.00902	0.250	1	03/31/2020 18:12	WG1453002
(S) Nitrobenzene-d5	*110*			*31.0-160*		*03/31/2020 18:12*	WG1453002
(S) 2-Fluorobiphenyl	*98.5*			*48.0-148*		*03/31/2020 18:12*	WG1453002
(S) p-Terphenyl-d14	*95.0*			*37.0-146*		*03/31/2020 18:12*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		1.90	5.00	1	03/30/2020 17:10	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	03/29/2020 08:21	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*03/29/2020 08:21*	WG1452195

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		1.05	25.0	1	04/03/2020 00:09	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/03/2020 00:09	WG1454874
Benzene	U		0.0896	0.500	1	04/03/2020 00:09	WG1454874
Bromobenzene	U		0.133	0.500	1	04/03/2020 00:09	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/03/2020 00:09	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/03/2020 00:09	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/03/2020 00:09	WG1454874
Bromomethane	U		0.157	2.50	1	04/03/2020 00:09	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/03/2020 00:09	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/03/2020 00:09	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/03/2020 00:09	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/03/2020 00:09	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/03/2020 00:09	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/03/2020 00:09	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/03/2020 00:09	WG1454874
Chloroethane	U		0.141	2.50	1	04/03/2020 00:09	WG1454874
Chloroform	U		0.0860	0.500	1	04/03/2020 00:09	WG1454874
Chloromethane	U		0.153	1.25	1	04/03/2020 00:09	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/03/2020 00:09	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/03/2020 00:09	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/03/2020 00:09	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/03/2020 00:09	WG1454874
Dibromomethane	U		0.117	0.500	1	04/03/2020 00:09	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/03/2020 00:09	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/03/2020 00:09	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/03/2020 00:09	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/03/2020 00:09	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/03/2020 00:09	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/03/2020 00:09	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/03/2020 00:09	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/03/2020 00:09	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/03/2020 00:09	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/03/2020 00:09	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/03/2020 00:09	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/03/2020 00:09	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/03/2020 00:09	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/03/2020 00:09	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/03/2020 00:09	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/03/2020 00:09	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/03/2020 00:09	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 23:26	WG1455961
2-Hexanone	U		0.757	5.00	1	04/03/2020 00:09	WG1454874
n-Hexane	U		0.305	5.00	1	04/03/2020 00:09	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/03/2020 00:09	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/03/2020 00:09	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/03/2020 00:09	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/03/2020 00:09	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/03/2020 00:09	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/03/2020 00:09	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 23:26	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/03/2020 00:09	WG1454874
Styrene	U		0.117	0.500	1	04/03/2020 00:09	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/03/2020 00:09	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/03/2020 00:09	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/03/2020 00:09	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/03/2020 00:09	WG1454874
Toluene	U		0.412	0.500	1	04/03/2020 00:09	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 23:26	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/03/2020 00:09	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/03/2020 00:09	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/03/2020 00:09	WG1454874
Trichloroethene	U		0.153	0.500	1	04/03/2020 00:09	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/03/2020 00:09	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/03/2020 00:09	WG1454874
1,2,4-Trimethylbenzene	U		0.123	0.500	1	04/03/2020 00:09	WG1454874
1,2,3-Trimethylbenzene	U		0.0739	0.500	1	04/03/2020 00:09	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/03/2020 00:09	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/03/2020 00:09	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/03/2020 00:09	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/03/2020 00:09	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/03/2020 00:09	WG1454874
Ethanol	U	J0	42.0	100	1	04/03/2020 00:09	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/03/2020 00:09	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/03/2020 00:09	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/03/2020 00:09	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/03/2020 00:09	WG1454874
(S) Toluene-d8	*100*			*80.0-120*		*04/03/2020 00:09*	WG1454874
(S) Toluene-d8	*112*			*80.0-120*		*04/05/2020 23:26*	WG1455961
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/03/2020 00:09*	WG1454874
(S) 4-Bromofluorobenzene	*77.4*			*77.0-126*		*04/05/2020 23:26*	WG1455961
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/03/2020 00:09*	WG1454874
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/05/2020 23:26*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 12:31	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	190	J	66.7	200	1	04/02/2020 11:14	WG1452760
Residual Range Organics (RRO)	199	J	83.3	250	1	04/02/2020 11:14	WG1452760
(S) o-Terphenyl	*99.5*			*52.0-156*		*04/02/2020 11:14*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 18:33	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 18:33	WG1453002
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 18:33	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 18:33	WG1453002
Chrysene	U		0.0108	0.0500	1	03/31/2020 18:33	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 18:33	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 18:33	WG1453002
Naphthalene	0.0244	B J	0.0198	0.250	1	03/31/2020 18:33	WG1453002
1-Methylnaphthalene	U		0.00821	0.250	1	03/31/2020 18:33	WG1453002
2-Methylnaphthalene	U		0.00902	0.250	1	03/31/2020 18:33	WG1453002
(S) Nitrobenzene-d5	*110*			*31.0-160*		*03/31/2020 18:33*	WG1453002
(S) 2-Fluorobiphenyl	*99.5*			*48.0-148*		*03/31/2020 18:33*	WG1453002
(S) p-Terphenyl-d14	*95.5*			*37.0-146*		*03/31/2020 18:33*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		1.90	5.00	1	03/30/2020 17:13	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	75.1	B J	31.6	100	1	03/29/2020 08:42	WG1452195
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*03/29/2020 08:42*	WG1452195

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		1.05	25.0	1	04/03/2020 00:29	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/03/2020 00:29	WG1454874
Benzene	U		0.0896	0.500	1	04/03/2020 00:29	WG1454874
Bromobenzene	U		0.133	0.500	1	04/03/2020 00:29	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/03/2020 00:29	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/03/2020 00:29	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/03/2020 00:29	WG1454874
Bromomethane	U		0.157	2.50	1	04/03/2020 00:29	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/03/2020 00:29	WG1454874
sec-Butylbenzene	U		0.134	0.500	1	04/03/2020 00:29	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/03/2020 00:29	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/03/2020 00:29	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/03/2020 00:29	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/03/2020 00:29	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/03/2020 00:29	WG1454874
Chloroethane	U		0.141	2.50	1	04/03/2020 00:29	WG1454874
Chloroform	U		0.0860	0.500	1	04/03/2020 00:29	WG1454874
Chloromethane	U		0.153	1.25	1	04/03/2020 00:29	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/03/2020 00:29	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/03/2020 00:29	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/03/2020 00:29	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/03/2020 00:29	WG1454874
Dibromomethane	U		0.117	0.500	1	04/03/2020 00:29	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/03/2020 00:29	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/03/2020 00:29	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/03/2020 00:29	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/03/2020 00:29	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/03/2020 00:29	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/03/2020 00:29	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/03/2020 00:29	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/03/2020 00:29	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/03/2020 00:29	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/03/2020 00:29	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/03/2020 00:29	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/03/2020 00:29	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/03/2020 00:29	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/03/2020 00:29	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/03/2020 00:29	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/03/2020 00:29	WG1454874
Ethylbenzene	U		0.158	0.500	1	04/03/2020 00:29	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/05/2020 23:49	WG1455961
2-Hexanone	U		0.757	5.00	1	04/03/2020 00:29	WG1454874
n-Hexane	U		0.305	5.00	1	04/03/2020 00:29	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/03/2020 00:29	WG1454874
Isopropylbenzene	U		0.126	0.500	1	04/03/2020 00:29	WG1454874
p-Isopropyltoluene	U		0.138	0.500	1	04/03/2020 00:29	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/03/2020 00:29	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/03/2020 00:29	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/03/2020 00:29	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/05/2020 23:49	WG1455961
n-Propylbenzene	U		0.162	0.500	1	04/03/2020 00:29	WG1454874
Styrene	U		0.117	0.500	1	04/03/2020 00:29	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/03/2020 00:29	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/03/2020 00:29	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/03/2020 00:29	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/03/2020 00:29	WG1454874
Toluene	U		0.412	0.500	1	04/03/2020 00:29	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/05/2020 23:49	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/03/2020 00:29	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/03/2020 00:29	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/03/2020 00:29	WG1454874
Trichloroethene	U		0.153	0.500	1	04/03/2020 00:29	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/03/2020 00:29	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/03/2020 00:29	WG1454874
1,2,4-Trimethylbenzene	U		0.123	0.500	1	04/03/2020 00:29	WG1454874
1,2,3-Trimethylbenzene	U		0.0739	0.500	1	04/03/2020 00:29	WG1454874
1,3,5-Trimethylbenzene	U		0.124	0.500	1	04/03/2020 00:29	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/03/2020 00:29	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/03/2020 00:29	WG1454874
Xylenes, Total	U		0.316	1.50	1	04/03/2020 00:29	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/03/2020 00:29	WG1454874
Ethanol	U	J0	42.0	100	1	04/03/2020 00:29	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/03/2020 00:29	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/03/2020 00:29	WG1454874
tert-Butyl alcohol	20.4		2.40	5.00	1	04/03/2020 00:29	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/03/2020 00:29	WG1454874
(S) Toluene-d8	*98.7*			*80.0-120*		*04/03/2020 00:29*	WG1454874
(S) Toluene-d8	*109*			*80.0-120*		*04/05/2020 23:49*	WG1455961
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/03/2020 00:29*	WG1454874
(S) 4-Bromofluorobenzene	*84.3*			*77.0-126*		*04/05/2020 23:49*	WG1455961
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/03/2020 00:29*	WG1454874
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/05/2020 23:49*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 12:43	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	747		66.7	200	1	04/02/2020 00:33	WG1453018
Residual Range Organics (RRO)	131	J	83.3	250	1	04/02/2020 00:33	WG1453018
(S) o-Terphenyl	*88.9*			*52.0-156*		*04/02/2020 00:33*	WG1453018

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 09:42	WG1452823
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 09:42	WG1452823
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 09:42	WG1452823
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 09:42	WG1452823
Chrysene	U		0.0108	0.0500	1	03/31/2020 09:42	WG1452823
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 09:42	WG1452823
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 09:42	WG1452823
Naphthalene	0.0887	B J	0.0198	0.250	1	03/31/2020 09:42	WG1452823
1-Methylnaphthalene	0.0194	J	0.00821	0.250	1	03/31/2020 09:42	WG1452823
2-Methylnaphthalene	0.0106	J	0.00902	0.250	1	03/31/2020 09:42	WG1452823
(S) Nitrobenzene-d5	*90.0*			*31.0-160*		*03/31/2020 09:42*	WG1452823
(S) 2-Fluorobiphenyl	*89.5*			*48.0-148*		*03/31/2020 09:42*	WG1452823
(S) p-Terphenyl-d14	*91.6*			*37.0-146*		*03/31/2020 09:42*	WG1452823

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		1.90	5.00	1	03/30/2020 17:21	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	300	B	31.6	100	1	03/30/2020 13:56	WG1452724
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*78.0-120*		*03/30/2020 13:56*	WG1452724

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		1.05	25.0	1	04/03/2020 00:49	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/03/2020 00:49	WG1454874
Benzene	1.18		0.0896	0.500	1	04/03/2020 00:49	WG1454874
Bromobenzene	U		0.133	0.500	1	04/03/2020 00:49	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/03/2020 00:49	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/03/2020 00:49	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/03/2020 00:49	WG1454874
Bromomethane	U		0.157	2.50	1	04/03/2020 00:49	WG1454874
n-Butylbenzene	0.171	J	0.143	0.500	1	04/03/2020 00:49	WG1454874
sec-Butylbenzene	0.622		0.134	0.500	1	04/03/2020 00:49	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/03/2020 00:49	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/03/2020 00:49	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/03/2020 00:49	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/03/2020 00:49	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/03/2020 00:49	WG1454874
Chloroethane	U		0.141	2.50	1	04/03/2020 00:49	WG1454874
Chloroform	U		0.0860	0.500	1	04/03/2020 00:49	WG1454874
Chloromethane	U		0.153	1.25	1	04/03/2020 00:49	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/03/2020 00:49	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/03/2020 00:49	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/03/2020 00:49	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/03/2020 00:49	WG1454874
Dibromomethane	U		0.117	0.500	1	04/03/2020 00:49	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/03/2020 00:49	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/03/2020 00:49	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/03/2020 00:49	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/03/2020 00:49	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/03/2020 00:49	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/03/2020 00:49	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/03/2020 00:49	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/03/2020 00:49	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/03/2020 00:49	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/03/2020 00:49	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/03/2020 00:49	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/03/2020 00:49	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/03/2020 00:49	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/03/2020 00:49	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/03/2020 00:49	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/03/2020 00:49	WG1454874
Ethylbenzene	0.844		0.158	0.500	1	04/03/2020 00:49	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/06/2020 00:12	WG1455961
2-Hexanone	U		0.757	5.00	1	04/03/2020 00:49	WG1454874
n-Hexane	U		0.305	5.00	1	04/03/2020 00:49	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/03/2020 00:49	WG1454874
Isopropylbenzene	2.02		0.126	0.500	1	04/03/2020 00:49	WG1454874
p-Isopropyltoluene	0.614		0.138	0.500	1	04/03/2020 00:49	WG1454874
2-Butanone (MEK)	6.33		1.28	5.00	1	04/03/2020 00:49	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/03/2020 00:49	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/03/2020 00:49	WG1454874
Naphthalene	0.505	J J0	0.174	2.50	1	04/06/2020 00:12	WG1455961
n-Propylbenzene	1.26		0.162	0.500	1	04/03/2020 00:49	WG1454874
Styrene	U		0.117	0.500	1	04/03/2020 00:49	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/03/2020 00:49	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/03/2020 00:49	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/03/2020 00:49	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/03/2020 00:49	WG1454874
Toluene	U		0.412	0.500	1	04/03/2020 00:49	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/06/2020 00:12	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/03/2020 00:49	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/03/2020 00:49	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/03/2020 00:49	WG1454874
Trichloroethene	U		0.153	0.500	1	04/03/2020 00:49	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/03/2020 00:49	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/03/2020 00:49	WG1454874
1,2,4-Trimethylbenzene	0.564	B	0.123	0.500	1	04/03/2020 00:49	WG1454874
1,2,3-Trimethylbenzene	0.176	J	0.0739	0.500	1	04/03/2020 00:49	WG1454874
1,3,5-Trimethylbenzene	0.173	J	0.124	0.500	1	04/03/2020 00:49	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/03/2020 00:49	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/03/2020 00:49	WG1454874
Xylenes, Total	0.318	J	0.316	1.50	1	04/03/2020 00:49	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/03/2020 00:49	WG1454874
Ethanol	U	J0	42.0	100	1	04/03/2020 00:49	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/03/2020 00:49	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/03/2020 00:49	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/03/2020 00:49	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/03/2020 00:49	WG1454874
(S) Toluene-d8	*96.4*			*80.0-120*		*04/03/2020 00:49*	WG1454874
(S) Toluene-d8	*117*			*80.0-120*		*04/06/2020 00:12*	WG1455961
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/03/2020 00:49*	WG1454874
(S) 4-Bromofluorobenzene	*95.3*			*77.0-126*		*04/06/2020 00:12*	WG1455961
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/03/2020 00:49*	WG1454874
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/06/2020 00:12*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 12:55	WG1453098

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	1710		66.7	200	1	04/02/2020 11:40	WG1452760
Residual Range Organics (RRO)	281		83.3	250	1	04/02/2020 11:40	WG1452760
(S) o-Terphenyl	*108*			*52.0-156*		*04/02/2020 11:40*	WG1452760

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 18:54	WG1453002
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 18:54	WG1453002
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 18:54	WG1453002
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 18:54	WG1453002
Chrysene	U		0.0108	0.0500	1	03/31/2020 18:54	WG1453002
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 18:54	WG1453002
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 18:54	WG1453002
Naphthalene	0.523		0.0198	0.250	1	03/31/2020 18:54	WG1453002
1-Methylnaphthalene	0.190	J	0.00821	0.250	1	03/31/2020 18:54	WG1453002
2-Methylnaphthalene	0.0407	J	0.00902	0.250	1	03/31/2020 18:54	WG1453002
(S) Nitrobenzene-d5	*124*			*31.0-160*		*03/31/2020 18:54*	WG1453002
(S) 2-Fluorobiphenyl	*94.5*			*48.0-148*		*03/31/2020 18:54*	WG1453002
(S) p-Terphenyl-d14	*95.5*			*37.0-146*		*03/31/2020 18:54*	WG1453002

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	2.87	J	1.90	5.00	1	03/30/2020 17:24	WG1452321

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	769		31.6	100	1	03/30/2020 14:17	WG1452724
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*78.0-120*		*03/30/2020 14:17*	WG1452724

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		1.05	25.0	1	04/03/2020 01:09	WG1454874
Acrylonitrile	U		0.873	5.00	1	04/03/2020 01:09	WG1454874
Benzene	U		0.0896	0.500	1	04/03/2020 01:09	WG1454874
Bromobenzene	U		0.133	0.500	1	04/03/2020 01:09	WG1454874
Bromodichloromethane	U		0.0800	0.500	1	04/03/2020 01:09	WG1454874
Bromochloromethane	U		0.145	0.500	1	04/03/2020 01:09	WG1454874
Bromoform	U	J0	0.186	0.500	1	04/03/2020 01:09	WG1454874
Bromomethane	U		0.157	2.50	1	04/03/2020 01:09	WG1454874
n-Butylbenzene	U		0.143	0.500	1	04/03/2020 01:09	WG1454874
sec-Butylbenzene	1.12		0.134	0.500	1	04/03/2020 01:09	WG1454874
tert-Butylbenzene	U		0.183	0.500	1	04/03/2020 01:09	WG1454874
Carbon disulfide	U		0.101	0.500	1	04/03/2020 01:09	WG1454874
Carbon tetrachloride	U		0.159	0.500	1	04/03/2020 01:09	WG1454874
Chlorobenzene	U		0.140	0.500	1	04/03/2020 01:09	WG1454874
Chlorodibromomethane	U		0.128	0.500	1	04/03/2020 01:09	WG1454874
Chloroethane	U		0.141	2.50	1	04/03/2020 01:09	WG1454874
Chloroform	U		0.0860	0.500	1	04/03/2020 01:09	WG1454874
Chloromethane	U		0.153	1.25	1	04/03/2020 01:09	WG1454874
2-Chlorotoluene	U		0.111	0.500	1	04/03/2020 01:09	WG1454874
4-Chlorotoluene	U		0.0972	0.500	1	04/03/2020 01:09	WG1454874
1,2-Dibromo-3-Chloropropane	U	J0	0.325	2.50	1	04/03/2020 01:09	WG1454874
1,2-Dibromoethane	U		0.193	0.500	1	04/03/2020 01:09	WG1454874
Dibromomethane	U		0.117	0.500	1	04/03/2020 01:09	WG1454874
1,2-Dichlorobenzene	U		0.101	0.500	1	04/03/2020 01:09	WG1454874
1,3-Dichlorobenzene	U		0.130	0.500	1	04/03/2020 01:09	WG1454874
1,4-Dichlorobenzene	U		0.121	0.500	1	04/03/2020 01:09	WG1454874
Dichlorodifluoromethane	U		0.127	2.50	1	04/03/2020 01:09	WG1454874
1,1-Dichloroethane	U		0.114	0.500	1	04/03/2020 01:09	WG1454874
1,2-Dichloroethane	U		0.108	0.500	1	04/03/2020 01:09	WG1454874
1,1-Dichloroethene	U		0.188	0.500	1	04/03/2020 01:09	WG1454874
cis-1,2-Dichloroethene	U		0.0933	0.500	1	04/03/2020 01:09	WG1454874
trans-1,2-Dichloroethene	U		0.152	0.500	1	04/03/2020 01:09	WG1454874
1,2-Dichloropropane	U		0.190	0.500	1	04/03/2020 01:09	WG1454874
1,1-Dichloropropene	U		0.128	0.500	1	04/03/2020 01:09	WG1454874
1,3-Dichloropropane	U		0.147	1.00	1	04/03/2020 01:09	WG1454874
cis-1,3-Dichloropropene	U		0.0976	0.500	1	04/03/2020 01:09	WG1454874
trans-1,3-Dichloropropene	U		0.222	0.500	1	04/03/2020 01:09	WG1454874
trans-1,4-Dichloro-2-butene	U	J0	0.257	5.00	1	04/03/2020 01:09	WG1454874
2,2-Dichloropropane	U		0.0929	0.500	1	04/03/2020 01:09	WG1454874
Ethylbenzene	1.22		0.158	0.500	1	04/03/2020 01:09	WG1454874
Hexachloro-1,3-butadiene	U		0.157	1.00	1	04/06/2020 00:35	WG1455961
2-Hexanone	U		0.757	5.00	1	04/03/2020 01:09	WG1454874
n-Hexane	U		0.305	5.00	1	04/03/2020 01:09	WG1454874

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.377	10.0	1	04/03/2020 01:09	WG1454874
Isopropylbenzene	1.20		0.126	0.500	1	04/03/2020 01:09	WG1454874
p-Isopropyltoluene	2.01		0.138	0.500	1	04/03/2020 01:09	WG1454874
2-Butanone (MEK)	U		1.28	5.00	1	04/03/2020 01:09	WG1454874
Methylene Chloride	U		1.07	2.50	1	04/03/2020 01:09	WG1454874
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00	1	04/03/2020 01:09	WG1454874
Naphthalene	U	J0	0.174	2.50	1	04/06/2020 00:35	WG1455961
n-Propylbenzene	1.21		0.162	0.500	1	04/03/2020 01:09	WG1454874
Styrene	U		0.117	0.500	1	04/03/2020 01:09	WG1454874
1,1,1,2-Tetrachloroethane	U		0.120	0.500	1	04/03/2020 01:09	WG1454874
1,1,2,2-Tetrachloroethane	U		0.130	0.500	1	04/03/2020 01:09	WG1454874
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500	1	04/03/2020 01:09	WG1454874
Tetrachloroethene	U		0.199	0.500	1	04/03/2020 01:09	WG1454874
Toluene	U		0.412	0.500	1	04/03/2020 01:09	WG1454874
1,2,3-Trichlorobenzene	U		0.164	0.500	1	04/06/2020 00:35	WG1455961
1,2,4-Trichlorobenzene	U	J0 J4	0.355	0.500	1	04/03/2020 01:09	WG1454874
1,1,1-Trichloroethane	U		0.0940	0.500	1	04/03/2020 01:09	WG1454874
1,1,2-Trichloroethane	U		0.186	0.500	1	04/03/2020 01:09	WG1454874
Trichloroethene	U		0.153	0.500	1	04/03/2020 01:09	WG1454874
Trichlorofluoromethane	U		0.130	2.50	1	04/03/2020 01:09	WG1454874
1,2,3-Trichloropropane	U		0.247	2.50	1	04/03/2020 01:09	WG1454874
1,2,4-Trimethylbenzene	4.49		0.123	0.500	1	04/03/2020 01:09	WG1454874
1,2,3-Trimethylbenzene	0.999		0.0739	0.500	1	04/03/2020 01:09	WG1454874
1,3,5-Trimethylbenzene	0.310	J	0.124	0.500	1	04/03/2020 01:09	WG1454874
Vinyl acetate	U		0.645	5.00	1	04/03/2020 01:09	WG1454874
Vinyl chloride	U		0.118	0.500	1	04/03/2020 01:09	WG1454874
Xylenes, Total	1.12	J	0.316	1.50	1	04/03/2020 01:09	WG1454874
Di-isopropyl ether	U		0.0924	0.500	1	04/03/2020 01:09	WG1454874
Ethanol	U	J0	42.0	100	1	04/03/2020 01:09	WG1454874
Ethyl tert-butyl ether	U		0.270	1.00	1	04/03/2020 01:09	WG1454874
Methyl tert-butyl ether	U		0.102	0.500	1	04/03/2020 01:09	WG1454874
tert-Butyl alcohol	U		2.40	5.00	1	04/03/2020 01:09	WG1454874
tert-Amyl Methyl Ether	U		0.260	1.00	1	04/03/2020 01:09	WG1454874
(S) Toluene-d8	*101*			*80.0-120*		*04/03/2020 01:09*	WG1454874
(S) Toluene-d8	*110*			*80.0-120*		*04/06/2020 00:35*	WG1455961
(S) 4-Bromofluorobenzene	*115*			*77.0-126*		*04/03/2020 01:09*	WG1454874
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/06/2020 00:35*	WG1455961
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*04/03/2020 01:09*	WG1454874
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/06/2020 00:35*	WG1455961

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00240	0.0100	1	04/01/2020 03:04	WG1453099

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	374		66.7	200	1	04/02/2020 00:53	WG1453018
Residual Range Organics (RRO)	U		83.3	250	1	04/02/2020 00:53	WG1453018
(S) o-Terphenyl	*83.7*			*52.0-156*		*04/02/2020 00:53*	WG1453018

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.00410	0.0500	1	03/31/2020 10:02	WG1452823
Benzo(a)pyrene	U		0.0116	0.0500	1	03/31/2020 10:02	WG1452823
Benzo(b)fluoranthene	U		0.00212	0.0500	1	03/31/2020 10:02	WG1452823
Benzo(k)fluoranthene	U		0.0136	0.0500	1	03/31/2020 10:02	WG1452823
Chrysene	U		0.0108	0.0500	1	03/31/2020 10:02	WG1452823
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	03/31/2020 10:02	WG1452823
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	03/31/2020 10:02	WG1452823
Naphthalene	0.186	B J	0.0198	0.250	1	03/31/2020 10:02	WG1452823
1-Methylnaphthalene	0.0258	J	0.00821	0.250	1	03/31/2020 10:02	WG1452823
2-Methylnaphthalene	0.0178	J	0.00902	0.250	1	03/31/2020 10:02	WG1452823
(S) Nitrobenzene-d5	*79.5*			*31.0-160*		*03/31/2020 10:02*	WG1452823
(S) 2-Fluorobiphenyl	*89.5*			*48.0-148*		*03/31/2020 10:02*	WG1452823
(S) p-Terphenyl-d14	*86.3*			*37.0-146*		*03/31/2020 10:02*	WG1452823

Method Blank (MB)

(MB) R3514101-5 03/30/20 16:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		1.90	5.00

Laboratory Control Sample (LCS)

(LCS) R3514101-1 03/30/20 16:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1000	985	98.5	80.0-120	

L1203578-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1203578-01 03/30/20 16:07 • (MS) R3514101-3 03/30/20 16:13 • (MSD) R3514101-4 03/30/20 16:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1000	ND	995	987	99.5	98.7	1	75.0-125			0.794	20

Method Blank (MB)

(MB) R3517168-1 04/09/20 13:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Lead,Dissolved	U		2.95	6.00

Laboratory Control Sample (LCS)

(LCS) R3517168-2 04/09/20 13:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Lead,Dissolved	1000	1010	101	80.0-120	

L1203719-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1203719-06 04/09/20 13:31 • (MS) R3517168-4 04/09/20 13:36 • (MSD) R3517168-5 04/09/20 13:39

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Lead,Dissolved	1000	3.84	964	957	96.0	95.3	1	75.0-125			0.685	20

Method Blank (MB)

(MB) R3515198-3 03/29/20 05:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	43.0	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*

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

(LCS) R3515198-1 03/29/20 04:03 • (LCSD) R3515198-2 03/29/20 04:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	4930	4850	89.6	88.2	70.0-124			1.64	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*102*	*78.0-120*				

Method Blank (MB)

(MB) R3513996-3 03/30/20 10:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	33.6	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3513996-2 03/30/20 09:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5400	98.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*78.0-120*	

Method Blank (MB)

(MB) R3515425-3 04/02/20 20:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		1.05	25.0
Acrylonitrile	U		0.873	5.00
Benzene	U		0.0896	0.500
Bromobenzene	U		0.133	0.500
Bromodichloromethane	U		0.0800	0.500
Bromochloromethane	U		0.145	0.500
Bromoform	U		0.186	0.500
Bromomethane	U		0.157	2.50
n-Butylbenzene	U		0.143	0.500
sec-Butylbenzene	U		0.134	0.500
tert-Butylbenzene	U		0.183	0.500
Carbon disulfide	U		0.101	0.500
Carbon tetrachloride	U		0.159	0.500
Chlorobenzene	U		0.140	0.500
Chlorodibromomethane	U		0.128	0.500
Chloroethane	U		0.141	2.50
Chloroform	U		0.0860	0.500
Chloromethane	U		0.153	1.25
2-Chlorotoluene	U		0.111	0.500
4-Chlorotoluene	U		0.0972	0.500
1,2-Dibromo-3-Chloropropane	U		0.325	2.50
1,2-Dibromoethane	U		0.193	0.500
Dibromomethane	U		0.117	0.500
1,2-Dichlorobenzene	U		0.101	0.500
1,3-Dichlorobenzene	U		0.130	0.500
1,4-Dichlorobenzene	U		0.121	0.500
Dichlorodifluoromethane	U		0.127	2.50
1,1-Dichloroethane	U		0.114	0.500
1,2-Dichloroethane	U		0.108	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.0933	0.500
trans-1,2-Dichloroethene	U		0.152	0.500
1,2-Dichloropropane	U		0.190	0.500
1,1-Dichloropropene	U		0.128	0.500
1,3-Dichloropropane	U		0.147	1.00
cis-1,3-Dichloropropene	U		0.0976	0.500
trans-1,3-Dichloropropene	U		0.222	0.500
trans-1,4-Dichloro-2-butene	U		0.257	5.00
2,2-Dichloropropane	U		0.0929	0.500
Di-isopropyl ether	U		0.0924	0.500

Method Blank (MB)

(MB) R3515425-3 04/02/20 20:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.158	0.500
Ethanol	U		42.0	100
2-Hexanone	U		0.757	5.00
n-Hexane	U		0.305	5.00
Iodomethane	U		0.377	10.0
Isopropylbenzene	U		0.126	0.500
p-Isopropyltoluene	U		0.138	0.500
2-Butanone (MEK)	U		1.28	5.00
Methylene Chloride	U		1.07	2.50
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00
Methyl tert-butyl ether	U		0.102	0.500
n-Propylbenzene	U		0.162	0.500
Styrene	U		0.117	0.500
1,1,1,2-Tetrachloroethane	U		0.120	0.500
1,1,2,2-Tetrachloroethane	U		0.130	0.500
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500
Tetrachloroethene	U		0.199	0.500
Toluene	U		0.412	0.500
1,2,4-Trichlorobenzene	U		0.355	0.500
1,1,1-Trichloroethane	U		0.0940	0.500
1,1,2-Trichloroethane	U		0.186	0.500
Trichloroethene	U		0.153	0.500
Trichlorofluoromethane	U		0.130	2.50
1,2,3-Trichloropropane	U		0.247	2.50
1,2,4-Trimethylbenzene	0.310	J	0.123	0.500
1,2,3-Trimethylbenzene	U		0.0739	0.500
1,3,5-Trimethylbenzene	U		0.124	0.500
Vinyl acetate	U		0.645	5.00
Vinyl chloride	U		0.118	0.500
Xylenes, Total	U		0.316	1.50
tert-Amyl Methyl Ether	U		0.260	1.00
Ethyl tert-butyl ether	U		0.270	1.00
tert-Butyl alcohol	U		2.40	5.00
(S) Toluene-d8	*98.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3515425-1 04/02/20 19:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	26.3	105	19.0-160	
Acrylonitrile	25.0	26.3	105	55.0-149	
Benzene	5.00	5.11	102	70.0-123	
Bromobenzene	5.00	5.09	102	73.0-121	
Bromodichloromethane	5.00	5.14	103	75.0-120	
Bromochloromethane	5.00	5.68	114	76.0-122	
Bromoform	5.00	4.03	80.6	68.0-132	
Bromomethane	5.00	4.84	96.8	10.0-160	
n-Butylbenzene	5.00	4.70	94.0	73.0-125	
sec-Butylbenzene	5.00	5.10	102	75.0-125	
tert-Butylbenzene	5.00	5.30	106	76.0-124	
Carbon disulfide	5.00	4.88	97.6	61.0-128	
Carbon tetrachloride	5.00	6.24	125	68.0-126	
Chlorobenzene	5.00	4.74	94.8	80.0-121	
Chlorodibromomethane	5.00	4.26	85.2	77.0-125	
Chloroethane	5.00	5.32	106	47.0-150	
Chloroform	5.00	5.54	111	73.0-120	
Chloromethane	5.00	4.82	96.4	41.0-142	
2-Chlorotoluene	5.00	5.18	104	76.0-123	
4-Chlorotoluene	5.00	4.88	97.6	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.34	66.8	58.0-134	
1,2-Dibromoethane	5.00	4.94	98.8	80.0-122	
Dibromomethane	5.00	5.46	109	80.0-120	
1,2-Dichlorobenzene	5.00	4.65	93.0	79.0-121	
1,3-Dichlorobenzene	5.00	5.05	101	79.0-120	
1,4-Dichlorobenzene	5.00	4.75	95.0	79.0-120	
Dichlorodifluoromethane	5.00	6.00	120	51.0-149	
1,1-Dichloroethane	5.00	5.84	117	70.0-126	
1,2-Dichloroethane	5.00	5.70	114	70.0-128	
1,1-Dichloroethene	5.00	5.12	102	71.0-124	
cis-1,2-Dichloroethene	5.00	5.22	104	73.0-120	
trans-1,2-Dichloroethene	5.00	5.13	103	73.0-120	
1,2-Dichloropropane	5.00	5.27	105	77.0-125	
1,1-Dichloropropene	5.00	5.32	106	74.0-126	
1,3-Dichloropropane	5.00	4.72	94.4	80.0-120	
cis-1,3-Dichloropropene	5.00	5.27	105	80.0-123	
trans-1,3-Dichloropropene	5.00	4.92	98.4	78.0-124	
trans-1,4-Dichloro-2-butene	5.00	3.98	79.6	33.0-144	
2,2-Dichloropropane	5.00	5.50	110	58.0-130	
Di-isopropyl ether	5.00	5.40	108	58.0-138	

Laboratory Control Sample (LCS)

(LCS) R3515425-1 04/02/20 19:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ethylbenzene	5.00	4.94	98.8	79.0-123	
2-Hexanone	25.0	23.1	92.4	67.0-149	
n-Hexane	5.00	4.96	99.2	57.0-133	
Iodomethane	25.0	18.2	72.8	33.0-147	
Isopropylbenzene	5.00	4.66	93.2	76.0-127	
p-Isopropyltoluene	5.00	5.23	105	76.0-125	
2-Butanone (MEK)	25.0	26.5	106	44.0-160	
Methylene Chloride	5.00	5.12	102	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	24.5	98.0	68.0-142	
Methyl tert-butyl ether	5.00	5.28	106	68.0-125	
n-Propylbenzene	5.00	4.93	98.6	77.0-124	
Styrene	5.00	4.47	89.4	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.12	102	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.20	104	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.59	112	69.0-132	
Tetrachloroethene	5.00	5.03	101	72.0-132	
Toluene	5.00	4.41	88.2	79.0-120	
1,2,4-Trichlorobenzene	5.00	2.80	56.0	57.0-137	J4
1,1,1-Trichloroethane	5.00	6.07	121	73.0-124	
1,1,2-Trichloroethane	5.00	4.65	93.0	80.0-120	
Trichloroethene	5.00	5.45	109	78.0-124	
Trichlorofluoromethane	5.00	5.39	108	59.0-147	
1,2,3-Trichloropropane	5.00	5.08	102	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.04	101	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.77	95.4	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.05	101	76.0-122	
Vinyl acetate	25.0	28.6	114	11.0-160	
Vinyl chloride	5.00	5.42	108	67.0-131	
Xylenes, Total	15.0	13.6	90.7	79.0-123	
tert-Butyl alcohol	25.0	23.4	93.6	27.0-160	
Ethanol	250	187	74.8	10.0-160	
tert-Amyl Methyl Ether	5.00	5.29	106	66.0-125	
Ethyl tert-butyl ether	5.00	5.55	111	63.0-138	
(S) Toluene-d8			*96.1*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R3515825-2 04/05/20 19:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.157	1.00
Naphthalene	U		0.174	2.50
1,2,3-Trichlorobenzene	U		0.164	0.500
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*78.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3515825-1 04/05/20 18:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.48	110	54.0-138	
Naphthalene	5.00	3.60	72.0	54.0-135	
1,2,3-Trichlorobenzene	5.00	4.95	99.0	50.0-138	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*78.9*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*105*	*70.0-130*	

Method Blank (MB)

(MB) R3514657-1 04/01/20 07:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylene Dibromide	U		0.00240	0.0100

L1203514-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1203514-01 04/01/20 08:41 • (DUP) R3514657-3 04/01/20 08:29

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

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

(LCS) R3514657-4 04/01/20 10:42 • (LCSD) R3514657-5 04/01/20 13:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.250	0.234	0.244	93.6	97.6	60.0-140			4.18	20

L1203514-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1203514-03 04/01/20 08:17 • (MS) R3514657-2 04/01/20 08:05

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.100	ND	0.0972	97.2	1	64.0-159	

Method Blank (MB)

(MB) R3514658-1 04/01/20 02:15

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylene Dibromide	U		0.00240	0.0100

L1203719-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1203719-11 04/01/20 03:04 • (DUP) R3514658-3 04/01/20 02:52

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

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

(LCS) R3514658-4 04/01/20 05:04 • (LCSD) R3514658-5 04/01/20 07:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.250	0.227	0.226	90.8	90.4	60.0-140			0.441	20

L1203757-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1203757-02 04/01/20 02:40 • (MS) R3514658-2 04/01/20 02:27

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.100	U	0.106	106	1	64.0-159	

Method Blank (MB)

(MB) R3514358-1 03/31/20 11:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*90.5*			*52.0-156*

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

(LCS) R3514358-2 03/31/20 11:30 • (LCSD) R3514358-3 03/31/20 11:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1710	1690	114	113	50.0-150			1.18	20
(S) o-Terphenyl				*99.5*	*97.0*	*52.0-156*				

Method Blank (MB)

(MB) R3514785-1 04/01/20 18:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*86.0*			*52.0-156*

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

(LCS) R3514785-2 04/01/20 19:09 • (LCSD) R3514785-3 04/01/20 19:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1670	1650	111	110	50.0-150			1.20	20
(S) o-Terphenyl				*106*	*106*	*52.0-156*				

Method Blank (MB)

(MB) R3514283-3 03/31/20 06:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.00410	0.0500
Benzo(a)pyrene	U		0.0116	0.0500
Benzo(b)fluoranthene	U		0.00212	0.0500
Benzo(k)fluoranthene	U		0.0136	0.0500
Chrysene	U		0.0108	0.0500
Dibenz(a,h)anthracene	U		0.00396	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500
Naphthalene	0.0319	J	0.0198	0.250
1-Methylnaphthalene	U		0.00821	0.250
2-Methylnaphthalene	U		0.00902	0.250
(S) Nitrobenzene-d5	*84.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*93.0*			*48.0-148*
(S) p-Terphenyl-d14	*90.0*			*37.0-146*

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

(LCS) R3514283-1 03/31/20 05:31 • (LCSD) R3514283-2 03/31/20 05:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzo(a)anthracene	2.00	1.47	1.47	73.5	73.5	61.0-140			0.000	20
Benzo(a)pyrene	2.00	1.51	1.52	75.5	76.0	60.0-143			0.660	20
Benzo(b)fluoranthene	2.00	1.67	1.68	83.5	84.0	58.0-141			0.597	20
Benzo(k)fluoranthene	2.00	1.69	1.70	84.5	85.0	58.0-148			0.590	20
Chrysene	2.00	1.70	1.70	85.0	85.0	64.0-144			0.000	20
Dibenz(a,h)anthracene	2.00	1.44	1.49	72.0	74.5	52.0-155			3.41	20
Indeno(1,2,3-cd)pyrene	2.00	1.41	1.41	70.5	70.5	54.0-153			0.000	20
Naphthalene	2.00	1.73	1.72	86.5	86.0	61.0-137			0.580	20
1-Methylnaphthalene	2.00	1.69	1.68	84.5	84.0	66.0-142			0.593	20
2-Methylnaphthalene	2.00	1.60	1.59	80.0	79.5	62.0-136			0.627	20
(S) Nitrobenzene-d5				*86.5*	*83.0*	*31.0-160*				
(S) 2-Fluorobiphenyl				*92.0*	*93.0*	*48.0-148*				
(S) p-Terphenyl-d14				*87.0*	*86.5*	*37.0-146*				

Method Blank (MB)

(MB) R3514386-3 03/31/20 12:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.00410	0.0500
Benzo(a)pyrene	U		0.0116	0.0500
Benzo(b)fluoranthene	U		0.00212	0.0500
Benzo(k)fluoranthene	U		0.0136	0.0500
Chrysene	U		0.0108	0.0500
Dibenz(a,h)anthracene	U		0.00396	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500
Naphthalene	0.0214	J	0.0198	0.250
1-Methylnaphthalene	U		0.00821	0.250
2-Methylnaphthalene	U		0.00902	0.250
(S) Nitrobenzene-d5	*107*			*31.0-160*
(S) 2-Fluorobiphenyl	*97.0*			*48.0-148*
(S) p-Terphenyl-d14	*96.5*			*37.0-146*

Method Blank (MB)

(MB) R3514386-4 03/31/20 22:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.00410	0.0500
Benzo(a)pyrene	U		0.0116	0.0500
Benzo(b)fluoranthene	U		0.00212	0.0500
Benzo(k)fluoranthene	U		0.0136	0.0500
Chrysene	U		0.0108	0.0500
Dibenz(a,h)anthracene	U		0.00396	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500
Naphthalene	0.0444	J	0.0198	0.250
1-Methylnaphthalene	U		0.00821	0.250
2-Methylnaphthalene	U		0.00902	0.250
(S) Nitrobenzene-d5	*112*			*31.0-160*
(S) 2-Fluorobiphenyl	*97.0*			*48.0-148*
(S) p-Terphenyl-d14	*97.5*			*37.0-146*

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

(LCS) R3514386-1 03/31/20 12:00 • (LCSD) R3514386-2 03/31/20 12:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzo(a)anthracene	2.00	2.05	2.08	102	104	61.0-140			1.45	20
Benzo(a)pyrene	2.00	1.80	1.87	90.0	93.5	60.0-143			3.81	20
Benzo(b)fluoranthene	2.00	1.73	1.80	86.5	90.0	58.0-141			3.97	20
Benzo(k)fluoranthene	2.00	2.02	2.09	101	105	58.0-148			3.41	20
Chrysene	2.00	2.04	2.09	102	105	64.0-144			2.42	20
Dibenz(a,h)anthracene	2.00	1.71	1.84	85.5	92.0	52.0-155			7.32	20
Indeno(1,2,3-cd)pyrene	2.00	1.75	1.86	87.5	93.0	54.0-153			6.09	20
Naphthalene	2.00	1.94	2.02	97.0	101	61.0-137			4.04	20
1-Methylnaphthalene	2.00	1.82	1.90	91.0	95.0	66.0-142			4.30	20
2-Methylnaphthalene	2.00	1.77	1.83	88.5	91.5	62.0-136			3.33	20
(S) Nitrobenzene-d5				*106*	*108*	*31.0-160*				
(S) 2-Fluorobiphenyl				*96.0*	*98.0*	*48.0-148*				
(S) p-Terphenyl-d14				*94.5*	*95.0*	*37.0-146*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.

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* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

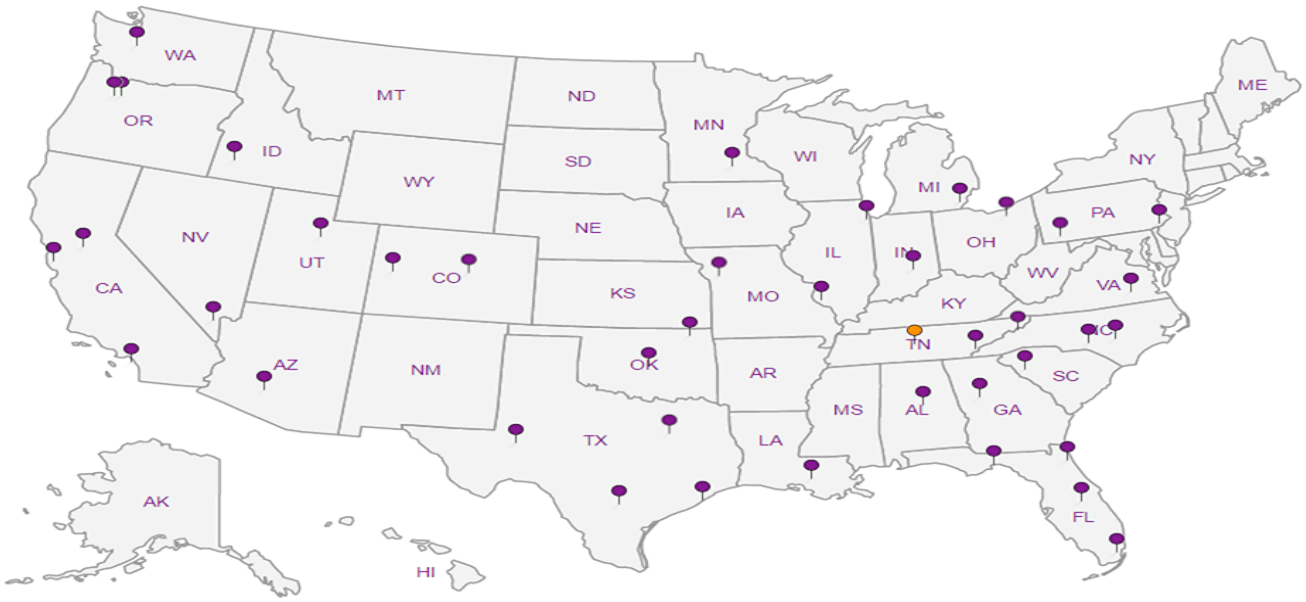
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ARCADIS US - Seattle, WA

1100 Olive Way
Suite 800
Seattle WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: Ross LaGrandeur

Email To: Ross.LaGrandeur@arcadis.com;Ryan.Brauchla@arc

Project Description: WA-11060

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: 509-438-9828
Fax:

Client Project # 30014464

Lab Project # ARCABPWA-WA11060

Collected by (print): Trevor Bryant

Site/Facility ID # 4580 FAUNTLEROY WAY SW,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM/EDC 8260D 40mlAmb-HCl	EDB 8011 40mlClr-NaThio	HOLD - Diss Pb 6010 250mlHDPE-NoPres	NWTPHDX LVINOSGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	PAHs 8270E-SIM 40mlAmb-NoPres-WT	Total Pb 6010 250mlHDPE-HNO3	VOCs+OXYs 8260D 40mlAmb-HCl			Remarks	Sample # (lab only)
GWM-1	G	GW	–	3/25/20	1410	15	X	X	H	X	X	X	X	X			diss Lead	-01
MW-1		GW	–	3/26/20	1425												on	-02
MW-2		GW	–	3/26/20	1105												Hold	-03
MW-3		GW	–	3/26/20	1345													-04
MW-4		GW	–	3/26/20	1615													-05
MW-5		GW	–	3/25/20	1520													-06
MW-6		GW	–	3/26/20	1304													-07
MW-9		GW	–	3/26/20	1550													-08
MW-N		GW	–	3/25/20	1315													-09
MW-12		GW	–	3/26/20	1510													-10

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 167627 539205

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: 1.5+0.1=1.6 °C Bottles Received: 165

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Sandy Yossef

Date: 3/28/20 Time: 8:30

Sample Receipt Checklist

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

Chain of Custody Page ___ of ___

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1203719
A045

Acctnum: ARCABPWA
Template: T165022
Prelogin: P763014
PM: 110 - Brian Ford
PB:
Shipped Via:

ARCADIS US - Seattle, WA

1100 Olive Way
Suite 800
Seattle WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Chain of Custody Page ___ of ___

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12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Ross LaGrandeur

Email To: Ross.LaGrandeur@arcadis.com;Ryan.Brauchla@arc

Project Description: WA-11060

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: 509-438-9828
Fax:

Client Project # 30014464

Lab Project # ARCABPWA-WA11060

SDG # L1203719

Table #

Collected by (print): Trevor Bryant

Site/Facility ID # 4580 FAUNTLEROY WAY SW,

P.O. #

Acctnum: ARCABPWA
Template: T165022
Prelogin: P763014
PM: 110 - Brian Ford
PB:
Shipped Via:

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM/EDC 8260D 40mlAmb-HCl	EDB 8011 40mlClr-NaThio	HOLD - Diss Pb 6010 250mlHDPE-NoPres	NWTPHDX LVINOSGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	PAHs 8270E-SIM 40mlAmb-NoPres-WT	Total Pb 6010 250mlHDPE-HNO3	VOCs+OXYs 8260D 40mlAmb-HCl	Remarks	Sample # (lab only)
Dup-1	G	GW	–	–	–	~~15~~ 13	X	X	H	X	X	X	X	X	diss lead on hold	-11
Trip Blank	–	GW	–	–	–	6										-12

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

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking # 1676275392 0 5

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No (HCL) / MeoH TBR 6
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5+0.1=1.6 °C Bottles Received: 165
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Sandyyosef	Date: [illegible] Time: 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF (OK)

Brian Ford

From: LaGrandeur, Ross <Ross.LaGrandeur@arcadis.com>
Sent: Tuesday, April 7, 2020 10:21 AM
To: Brian Ford; Brauchla, Ryan; Donovan, Carl; Fish, Grayson
Subject: RE: L1203719 WA11060 Prelim Report

Please run dissolved lead for MW-4 and MW-5

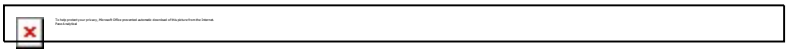
Ross LaGrandeur | AFS Consulting West Service Leader – Great Northwest |
T. +1 206 726 4754 | M. + 1 831 229 4548

From: Brian Ford <BFord@pacenational.com>
Sent: Tuesday, April 7, 2020 7:39 AM
To: LaGrandeur, Ross <Ross.LaGrandeur@arcadis.com>; Brauchla, Ryan <Ryan.Brauchla@arcadis.com>; Donovan, Carl <Carl.Donovan@arcadis.com>; Fish, Grayson <Grayson.Fish@arcadis.com>
Subject: L1203719 WA11060 Prelim Report

See attached prelim report. Let me know if any follow ups are needed, or if the report can be finalized.

Thanks,

Brian Ford
Project Manager
Pace Analytical National Center for Testing & Innovation
12065 Lebanon Road | Mt. Juliet, TN 37122
direct 615.773.9772 | cell 615.881.4570
bford@pacenational.com | pacenational.com



Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

June 11, 2020

ARCADIS US - Seattle, WA

Sample Delivery Group:	L1225536
Samples Received:	06/04/2020
Project Number:	30014464
Description:	WA-11060
Site:	4580 FAUNTLEROY WAY SW, SEATTL
Report To:	Ross LaGrandeur 1100 Olive Way Suite 800 Seattle, WA 98101

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

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

TABLE OF CONTENTS

MW-1 L1225536-01 GW

Collected by: Trevor Bryant | Collected date/time: 06/03/20 08:45 | Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1487366	1	06/10/20 17:00	06/11/20 13:09	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 18:01	06/07/20 18:01	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 03:48	06/08/20 03:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 05:15	06/11/20 05:15	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 01:02	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488934	1	06/09/20 00:35	06/09/20 04:19	DMG	Mt. Juliet, TN

MW-2 L1225536-02 GW

Collected by: Trevor Bryant | Collected date/time: 06/03/20 09:15 | Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:38	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 20:22	06/07/20 20:22	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 04:07	06/08/20 04:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 05:36	06/11/20 05:36	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 01:13	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488934	1	06/09/20 00:35	06/09/20 04:36	DMG	Mt. Juliet, TN

MW-6 L1225536-03 GW

Collected by: Trevor Bryant | Collected date/time: 06/02/20 13:55 | Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:41	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 20:46	06/07/20 20:46	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 04:26	06/08/20 04:26	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 05:56	06/11/20 05:56	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 01:25	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/08/20 23:25	LEA	Mt. Juliet, TN

MW-9 L1225536-04 GW

Collected by: Trevor Bryant | Collected date/time: 06/02/20 13:15 | Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:43	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 21:10	06/07/20 21:10	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 04:45	06/08/20 04:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 06:16	06/11/20 06:16	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 01:37	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/08/20 23:45	DMG	Mt. Juliet, TN

MW-11 L1225536-05 GW

Collected by: Trevor Bryant | Collected date/time: 06/02/20 11:05 | Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:46	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 21:34	06/07/20 21:34	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 05:05	06/08/20 05:05	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 06:36	06/11/20 06:36	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 02:11	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/09/20 00:05	DMG	Mt. Juliet, TN

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

MW-12 L1225536-06 GW

Collected by: Trevor Bryant
Collected date/time: 06/02/20 11:45
Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:54	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 21:58	06/07/20 21:58	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 05:24	06/08/20 05:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 06:57	06/11/20 06:57	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 02:23	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/09/20 00:25	DMG	Mt. Juliet, TN

GWM-1 L1225536-07 GW

Collected by: Trevor Bryant
Collected date/time: 06/02/20 12:30
Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:57	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 22:22	06/07/20 22:22	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 05:43	06/08/20 05:43	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 07:17	06/11/20 07:17	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 02:34	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/09/20 00:45	DMG	Mt. Juliet, TN

DUP-1 L1225536-08 GW

Collected by: Trevor Bryant
Collected date/time: 06/02/20 00:00
Received date/time: 06/04/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1488764	1	06/09/20 23:06	06/10/20 13:59	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1488437	1	06/07/20 22:46	06/07/20 22:46	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1488648	1	06/08/20 06:02	06/08/20 06:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1490434	1	06/11/20 07:37	06/11/20 07:37	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1488707	1	06/08/20 09:26	06/09/20 02:46	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1488878	1	06/08/20 17:06	06/09/20 01:05	DMG	Mt. Juliet, TN

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

Brian Ford
Project Manager

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	06/11/2020 13:09	WG1487366

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	160		31.6	100	1	06/07/2020 18:01	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*78.0-120*		*06/07/2020 18:01*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J0	11.3	25.0	1	06/08/2020 03:48	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 03:48	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 03:48	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 03:48	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 03:48	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 03:48	WG1488648
Bromoform	0.558		0.129	0.500	1	06/08/2020 03:48	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 03:48	WG1488648
n-Butylbenzene	U		0.157	0.500	1	06/08/2020 03:48	WG1488648
sec-Butylbenzene	0.721		0.125	0.500	1	06/08/2020 03:48	WG1488648
tert-Butylbenzene	0.277	J	0.127	0.500	1	06/08/2020 03:48	WG1488648
Carbon disulfide	6.64		0.0962	0.500	1	06/08/2020 03:48	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 03:48	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 03:48	WG1488648
Chlorodibromomethane	0.428	J	0.140	0.500	1	06/08/2020 03:48	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 03:48	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 03:48	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 03:48	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 03:48	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 03:48	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 03:48	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 03:48	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 03:48	WG1488648
1,2-Dichlorobenzene	0.724		0.107	0.500	1	06/08/2020 03:48	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 03:48	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 03:48	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 03:48	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 03:48	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 03:48	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 03:48	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 03:48	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 03:48	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 03:48	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 03:48	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 03:48	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 03:48	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 03:48	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 03:48	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 03:48	WG1488648
Ethylbenzene	U		0.137	0.500	1	06/08/2020 03:48	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 03:48	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 03:48	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 03:48	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 03:48	WG1488648
Isopropylbenzene	U		0.105	0.500	1	06/08/2020 03:48	WG1488648
p-Isopropyltoluene	U		0.120	0.500	1	06/08/2020 03:48	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 03:48	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 03:48	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 03:48	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 03:48	WG1488648
n-Propylbenzene	U		0.0993	0.500	1	06/08/2020 03:48	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 03:48	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 03:48	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 03:48	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 03:48	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 03:48	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 03:48	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 03:48	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 03:48	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 03:48	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 03:48	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 03:48	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 03:48	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 03:48	WG1488648
1,2,4-Trimethylbenzene	U		0.322	0.500	1	06/08/2020 03:48	WG1488648
1,2,3-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 03:48	WG1488648
1,3,5-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 03:48	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 03:48	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 03:48	WG1488648
Xylenes, Total	U		0.174	1.50	1	06/08/2020 03:48	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 03:48	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 05:15	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 03:48	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 03:48	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 03:48	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 03:48	WG1488648
(S) Toluene-d8	*102*			*80.0-120*		*06/08/2020 03:48*	WG1488648
(S) Toluene-d8	*112*			*80.0-120*		*06/11/2020 05:15*	WG1490434
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*06/08/2020 03:48*	WG1488648
(S) 4-Bromofluorobenzene	*118*			*77.0-126*		*06/11/2020 05:15*	WG1490434
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*06/08/2020 03:48*	WG1488648
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*06/11/2020 05:15*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 01:02	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 04:19	WG1488934
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 04:19	WG1488934
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 04:19	WG1488934
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 04:19	WG1488934
Chrysene	U		0.0179	0.0500	1	06/09/2020 04:19	WG1488934
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 04:19	WG1488934
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 04:19	WG1488934

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	06/09/2020 04:19	WG1488934
1-Methylnaphthalene	U		0.0687	0.250	1	06/09/2020 04:19	WG1488934
2-Methylnaphthalene	U		0.0674	0.250	1	06/09/2020 04:19	WG1488934
(S) Nitrobenzene-d5	*95.8*			*31.0-160*		*06/09/2020 04:19*	WG1488934
(S) 2-Fluorobiphenyl	*83.2*			*48.0-148*		*06/09/2020 04:19*	WG1488934
(S) p-Terphenyl-d14	*83.2*			*37.0-146*		*06/09/2020 04:19*	WG1488934

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	8.70		2.95	6.00	1	06/10/2020 13:38	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	3320		31.6	100	1	06/07/2020 20:22	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*94.8*			*78.0-120*		*06/07/2020 20:22*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J0	11.3	25.0	1	06/08/2020 04:07	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 04:07	WG1488648
Benzene	0.307	J	0.0941	0.500	1	06/08/2020 04:07	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 04:07	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 04:07	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 04:07	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 04:07	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 04:07	WG1488648
n-Butylbenzene	U		0.157	0.500	1	06/08/2020 04:07	WG1488648
sec-Butylbenzene	U		0.125	0.500	1	06/08/2020 04:07	WG1488648
tert-Butylbenzene	U		0.127	0.500	1	06/08/2020 04:07	WG1488648
Carbon disulfide	1.76		0.0962	0.500	1	06/08/2020 04:07	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 04:07	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 04:07	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 04:07	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 04:07	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 04:07	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 04:07	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 04:07	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 04:07	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 04:07	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 04:07	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 04:07	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 04:07	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 04:07	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 04:07	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 04:07	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 04:07	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 04:07	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 04:07	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 04:07	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 04:07	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 04:07	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 04:07	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 04:07	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 04:07	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 04:07	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 04:07	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 04:07	WG1488648
Ethylbenzene	0.337	J	0.137	0.500	1	06/08/2020 04:07	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 04:07	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 04:07	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 04:07	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 04:07	WG1488648
Isopropylbenzene	0.399	J	0.105	0.500	1	06/08/2020 04:07	WG1488648
p-Isopropyltoluene	0.125	J	0.120	0.500	1	06/08/2020 04:07	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 04:07	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 04:07	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 04:07	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 04:07	WG1488648
n-Propylbenzene	0.113	J	0.0993	0.500	1	06/08/2020 04:07	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 04:07	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 04:07	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 04:07	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 04:07	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 04:07	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 04:07	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 04:07	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 04:07	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 04:07	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 04:07	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 04:07	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 04:07	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 04:07	WG1488648
1,2,4-Trimethylbenzene	1.14		0.322	0.500	1	06/08/2020 04:07	WG1488648
1,2,3-Trimethylbenzene	2.05		0.104	0.500	1	06/08/2020 04:07	WG1488648
1,3,5-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 04:07	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 04:07	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 04:07	WG1488648
Xylenes, Total	1.52		0.174	1.50	1	06/08/2020 04:07	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 04:07	WG1488648
Ethanol	46.6	J	42.0	100	1	06/11/2020 05:36	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 04:07	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 04:07	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 04:07	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 04:07	WG1488648
(S) Toluene-d8	*105*			*80.0-120*		*06/08/2020 04:07*	WG1488648
(S) Toluene-d8	*113*			*80.0-120*		*06/11/2020 05:36*	WG1490434
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*06/08/2020 04:07*	WG1488648
(S) 4-Bromofluorobenzene	*123*			*77.0-126*		*06/11/2020 05:36*	WG1490434
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*06/08/2020 04:07*	WG1488648
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*06/11/2020 05:36*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 01:13	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 04:36	WG1488934
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 04:36	WG1488934
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 04:36	WG1488934
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 04:36	WG1488934
Chrysene	U		0.0179	0.0500	1	06/09/2020 04:36	WG1488934
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 04:36	WG1488934
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 04:36	WG1488934

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.188	J	0.0917	0.250	1	06/09/2020 04:36	WG1488934
1-Methylnaphthalene	U		0.0687	0.250	1	06/09/2020 04:36	WG1488934
2-Methylnaphthalene	0.150	J	0.0674	0.250	1	06/09/2020 04:36	WG1488934
(S) Nitrobenzene-d5	*43.3*			*31.0-160*		*06/09/2020 04:36*	WG1488934
(S) 2-Fluorobiphenyl	*77.4*			*48.0-148*		*06/09/2020 04:36*	WG1488934
(S) p-Terphenyl-d14	*77.4*			*37.0-146*		*06/09/2020 04:36*	WG1488934

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	06/10/2020 13:41	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	06/07/2020 20:46	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*78.0-120*		*06/07/2020 20:46*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J0	11.3	25.0	1	06/08/2020 04:26	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 04:26	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 04:26	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 04:26	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 04:26	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 04:26	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 04:26	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 04:26	WG1488648
n-Butylbenzene	U		0.157	0.500	1	06/08/2020 04:26	WG1488648
sec-Butylbenzene	U		0.125	0.500	1	06/08/2020 04:26	WG1488648
tert-Butylbenzene	U		0.127	0.500	1	06/08/2020 04:26	WG1488648
Carbon disulfide	0.940		0.0962	0.500	1	06/08/2020 04:26	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 04:26	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 04:26	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 04:26	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 04:26	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 04:26	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 04:26	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 04:26	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 04:26	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 04:26	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 04:26	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 04:26	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 04:26	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 04:26	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 04:26	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 04:26	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 04:26	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 04:26	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 04:26	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 04:26	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 04:26	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 04:26	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 04:26	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 04:26	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 04:26	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 04:26	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 04:26	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 04:26	WG1488648
Ethylbenzene	U		0.137	0.500	1	06/08/2020 04:26	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 04:26	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 04:26	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 04:26	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 04:26	WG1488648
Isopropylbenzene	U		0.105	0.500	1	06/08/2020 04:26	WG1488648
p-Isopropyltoluene	U		0.120	0.500	1	06/08/2020 04:26	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 04:26	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 04:26	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 04:26	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 04:26	WG1488648
n-Propylbenzene	U		0.0993	0.500	1	06/08/2020 04:26	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 04:26	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 04:26	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 04:26	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 04:26	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 04:26	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 04:26	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 04:26	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 04:26	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 04:26	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 04:26	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 04:26	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 04:26	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 04:26	WG1488648
1,2,4-Trimethylbenzene	U		0.322	0.500	1	06/08/2020 04:26	WG1488648
1,2,3-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 04:26	WG1488648
1,3,5-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 04:26	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 04:26	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 04:26	WG1488648
Xylenes, Total	U		0.174	1.50	1	06/08/2020 04:26	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 04:26	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 05:56	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 04:26	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 04:26	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 04:26	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 04:26	WG1488648
(S) Toluene-d8	*105*			*80.0-120*		*06/08/2020 04:26*	WG1488648
(S) Toluene-d8	*111*			*80.0-120*		*06/11/2020 05:56*	WG1490434
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*06/08/2020 04:26*	WG1488648
(S) 4-Bromofluorobenzene	*116*			*77.0-126*		*06/11/2020 05:56*	WG1490434
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*		*06/08/2020 04:26*	WG1488648
(S) 1,2-Dichloroethane-d4	*92.2*			*70.0-130*		*06/11/2020 05:56*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 01:25	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/08/2020 23:25	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/08/2020 23:25	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/08/2020 23:25	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/08/2020 23:25	WG1488878
Chrysene	U		0.0179	0.0500	1	06/08/2020 23:25	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/08/2020 23:25	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/08/2020 23:25	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	06/08/2020 23:25	WG1488878
1-Methylnaphthalene	U		0.0687	0.250	1	06/08/2020 23:25	WG1488878
2-Methylnaphthalene	U		0.0674	0.250	1	06/08/2020 23:25	WG1488878
(S) Nitrobenzene-d5	*71.6*			*31.0-160*		*06/08/2020 23:25*	WG1488878
(S) 2-Fluorobiphenyl	*82.6*			*48.0-148*		*06/08/2020 23:25*	WG1488878
(S) p-Terphenyl-d14	*87.9*			*37.0-146*		*06/08/2020 23:25*	WG1488878

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	06/10/2020 13:43	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	06/07/2020 21:10	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*06/07/2020 21:10*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J0	11.3	25.0	1	06/08/2020 04:45	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 04:45	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 04:45	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 04:45	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 04:45	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 04:45	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 04:45	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 04:45	WG1488648
n-Butylbenzene	U		0.157	0.500	1	06/08/2020 04:45	WG1488648
sec-Butylbenzene	U		0.125	0.500	1	06/08/2020 04:45	WG1488648
tert-Butylbenzene	U		0.127	0.500	1	06/08/2020 04:45	WG1488648
Carbon disulfide	0.740		0.0962	0.500	1	06/08/2020 04:45	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 04:45	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 04:45	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 04:45	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 04:45	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 04:45	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 04:45	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 04:45	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 04:45	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 04:45	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 04:45	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 04:45	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 04:45	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 04:45	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 04:45	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 04:45	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 04:45	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 04:45	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 04:45	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 04:45	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 04:45	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 04:45	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 04:45	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 04:45	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 04:45	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 04:45	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 04:45	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 04:45	WG1488648
Ethylbenzene	U		0.137	0.500	1	06/08/2020 04:45	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 04:45	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 04:45	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 04:45	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 04:45	WG1488648
Isopropylbenzene	U		0.105	0.500	1	06/08/2020 04:45	WG1488648
p-Isopropyltoluene	U		0.120	0.500	1	06/08/2020 04:45	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 04:45	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 04:45	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 04:45	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 04:45	WG1488648
n-Propylbenzene	U		0.0993	0.500	1	06/08/2020 04:45	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 04:45	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 04:45	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 04:45	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 04:45	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 04:45	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 04:45	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 04:45	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 04:45	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 04:45	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 04:45	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 04:45	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 04:45	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 04:45	WG1488648
1,2,4-Trimethylbenzene	U		0.322	0.500	1	06/08/2020 04:45	WG1488648
1,2,3-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 04:45	WG1488648
1,3,5-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 04:45	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 04:45	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 04:45	WG1488648
Xylenes, Total	U		0.174	1.50	1	06/08/2020 04:45	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 04:45	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 06:16	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 04:45	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 04:45	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 04:45	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 04:45	WG1488648
(S) Toluene-d8	*106*			*80.0-120*		*06/08/2020 04:45*	WG1488648
(S) Toluene-d8	*112*			*80.0-120*		*06/11/2020 06:16*	WG1490434
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*06/08/2020 04:45*	WG1488648
(S) 4-Bromofluorobenzene	*117*			*77.0-126*		*06/11/2020 06:16*	WG1490434
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*06/08/2020 04:45*	WG1488648
(S) 1,2-Dichloroethane-d4	*91.2*			*70.0-130*		*06/11/2020 06:16*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 01:37	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/08/2020 23:45	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/08/2020 23:45	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/08/2020 23:45	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/08/2020 23:45	WG1488878
Chrysene	U		0.0179	0.0500	1	06/08/2020 23:45	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/08/2020 23:45	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/08/2020 23:45	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	06/08/2020 23:45	WG1488878
1-Methylnaphthalene	U		0.0687	0.250	1	06/08/2020 23:45	WG1488878
2-Methylnaphthalene	U		0.0674	0.250	1	06/08/2020 23:45	WG1488878
(S) Nitrobenzene-d5	*73.7*			*31.0-160*		*06/08/2020 23:45*	WG1488878
(S) 2-Fluorobiphenyl	*82.6*			*48.0-148*		*06/08/2020 23:45*	WG1488878
(S) p-Terphenyl-d14	*90.0*			*37.0-146*		*06/08/2020 23:45*	WG1488878

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	3.23	J	2.95	6.00	1	06/10/2020 13:46	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	91.5	J	31.6	100	1	06/07/2020 21:34	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*96.6*			*78.0-120*		*06/07/2020 21:34*	WG1488437

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J0	11.3	25.0	1	06/08/2020 05:05	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 05:05	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 05:05	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 05:05	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 05:05	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 05:05	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 05:05	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 05:05	WG1488648
n-Butylbenzene	U		0.157	0.500	1	06/08/2020 05:05	WG1488648
sec-Butylbenzene	0.286	J	0.125	0.500	1	06/08/2020 05:05	WG1488648
tert-Butylbenzene	U		0.127	0.500	1	06/08/2020 05:05	WG1488648
Carbon disulfide	0.432	J	0.0962	0.500	1	06/08/2020 05:05	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 05:05	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 05:05	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 05:05	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 05:05	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 05:05	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 05:05	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 05:05	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 05:05	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 05:05	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 05:05	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 05:05	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 05:05	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 05:05	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 05:05	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 05:05	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 05:05	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 05:05	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 05:05	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 05:05	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 05:05	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 05:05	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 05:05	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 05:05	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 05:05	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 05:05	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 05:05	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 05:05	WG1488648
Ethylbenzene	U		0.137	0.500	1	06/08/2020 05:05	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 05:05	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 05:05	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 05:05	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 05:05	WG1488648
Isopropylbenzene	U		0.105	0.500	1	06/08/2020 05:05	WG1488648
p-Isopropyltoluene	U		0.120	0.500	1	06/08/2020 05:05	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 05:05	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 05:05	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 05:05	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 05:05	WG1488648
n-Propylbenzene	U		0.0993	0.500	1	06/08/2020 05:05	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 05:05	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 05:05	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 05:05	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 05:05	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 05:05	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 05:05	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 05:05	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 05:05	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 05:05	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 05:05	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 05:05	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 05:05	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 05:05	WG1488648
1,2,4-Trimethylbenzene	U		0.322	0.500	1	06/08/2020 05:05	WG1488648
1,2,3-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 05:05	WG1488648
1,3,5-Trimethylbenzene	U		0.104	0.500	1	06/08/2020 05:05	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 05:05	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 05:05	WG1488648
Xylenes, Total	U		0.174	1.50	1	06/08/2020 05:05	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 05:05	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 06:36	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 05:05	WG1488648
Methyl tert-butyl ether	0.229	J	0.101	0.500	1	06/08/2020 05:05	WG1488648
tert-Butyl alcohol	5.44	J0	2.40	5.00	1	06/08/2020 05:05	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 05:05	WG1488648
(S) Toluene-d8	*103*			*80.0-120*		*06/08/2020 05:05*	WG1488648
(S) Toluene-d8	*111*			*80.0-120*		*06/11/2020 06:36*	WG1490434
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*06/08/2020 05:05*	WG1488648
(S) 4-Bromofluorobenzene	*117*			*77.0-126*		*06/11/2020 06:36*	WG1490434
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*06/08/2020 05:05*	WG1488648
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*06/11/2020 06:36*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 02:11	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 00:05	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 00:05	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 00:05	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 00:05	WG1488878
Chrysene	U		0.0179	0.0500	1	06/09/2020 00:05	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 00:05	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 00:05	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	06/09/2020 00:05	WG1488878
1-Methylnaphthalene	U		0.0687	0.250	1	06/09/2020 00:05	WG1488878
2-Methylnaphthalene	U		0.0674	0.250	1	06/09/2020 00:05	WG1488878
(S) Nitrobenzene-d5	*77.4*			*31.0-160*		*06/09/2020 00:05*	WG1488878
(S) 2-Fluorobiphenyl	*84.7*			*48.0-148*		*06/09/2020 00:05*	WG1488878
(S) p-Terphenyl-d14	*83.7*			*37.0-146*		*06/09/2020 00:05*	WG1488878

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	06/10/2020 13:54	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	917		31.6	100	1	06/07/2020 21:58	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*		*06/07/2020 21:58*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	17.7	J J0	11.3	25.0	1	06/08/2020 05:24	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 05:24	WG1488648
Benzene	0.872		0.0941	0.500	1	06/08/2020 05:24	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 05:24	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 05:24	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 05:24	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 05:24	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 05:24	WG1488648
n-Butylbenzene	0.207	J	0.157	0.500	1	06/08/2020 05:24	WG1488648
sec-Butylbenzene	0.841		0.125	0.500	1	06/08/2020 05:24	WG1488648
tert-Butylbenzene	U		0.127	0.500	1	06/08/2020 05:24	WG1488648
Carbon disulfide	0.543		0.0962	0.500	1	06/08/2020 05:24	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 05:24	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 05:24	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 05:24	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 05:24	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 05:24	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 05:24	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 05:24	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 05:24	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 05:24	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 05:24	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 05:24	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 05:24	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 05:24	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 05:24	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 05:24	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 05:24	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 05:24	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 05:24	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 05:24	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 05:24	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 05:24	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 05:24	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 05:24	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 05:24	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 05:24	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 05:24	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 05:24	WG1488648
Ethylbenzene	2.35		0.137	0.500	1	06/08/2020 05:24	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 05:24	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 05:24	WG1488648
n-Hexane	1.54	J	0.749	5.00	1	06/08/2020 05:24	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 05:24	WG1488648
Isopropylbenzene	3.53		0.105	0.500	1	06/08/2020 05:24	WG1488648
p-Isopropyltoluene	1.41		0.120	0.500	1	06/08/2020 05:24	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 05:24	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 05:24	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 05:24	WG1488648
Naphthalene	1.03	J	0.174	2.50	1	06/08/2020 05:24	WG1488648
n-Propylbenzene	2.99		0.0993	0.500	1	06/08/2020 05:24	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 05:24	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 05:24	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 05:24	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 05:24	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 05:24	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 05:24	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 05:24	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 05:24	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 05:24	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 05:24	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 05:24	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 05:24	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 05:24	WG1488648
1,2,4-Trimethylbenzene	1.38		0.322	0.500	1	06/08/2020 05:24	WG1488648
1,2,3-Trimethylbenzene	0.587		0.104	0.500	1	06/08/2020 05:24	WG1488648
1,3,5-Trimethylbenzene	1.03		0.104	0.500	1	06/08/2020 05:24	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 05:24	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 05:24	WG1488648
Xylenes, Total	0.526	J	0.174	1.50	1	06/08/2020 05:24	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 05:24	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 06:57	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 05:24	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 05:24	WG1488648
tert-Butyl alcohol	4.81	J J0	2.40	5.00	1	06/08/2020 05:24	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 05:24	WG1488648
(S) Toluene-d8	*102*			*80.0-120*		*06/08/2020 05:24*	WG1488648
(S) Toluene-d8	*109*			*80.0-120*		*06/11/2020 06:57*	WG1490434
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*06/08/2020 05:24*	WG1488648
(S) 4-Bromofluorobenzene	*118*			*77.0-126*		*06/11/2020 06:57*	WG1490434
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*06/08/2020 05:24*	WG1488648
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*		*06/11/2020 06:57*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 02:23	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 00:25	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 00:25	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 00:25	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 00:25	WG1488878
Chrysene	U		0.0179	0.0500	1	06/09/2020 00:25	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 00:25	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 00:25	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.519		0.0917	0.250	1	06/09/2020 00:25	WG1488878
1-Methylnaphthalene	0.138	J	0.0687	0.250	1	06/09/2020 00:25	WG1488878
2-Methylnaphthalene	0.0727	J	0.0674	0.250	1	06/09/2020 00:25	WG1488878
(S) Nitrobenzene-d5	*73.7*			*31.0-160*		*06/09/2020 00:25*	WG1488878
(S) 2-Fluorobiphenyl	*84.2*			*48.0-148*		*06/09/2020 00:25*	WG1488878
(S) p-Terphenyl-d14	*90.0*			*37.0-146*		*06/09/2020 00:25*	WG1488878

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.95	6.00	1	06/10/2020 13:57	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1840		31.6	100	1	06/07/2020 22:22	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*		*06/07/2020 22:22*	WG1488437

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J0	11.3	25.0	1	06/08/2020 05:43	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 05:43	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 05:43	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 05:43	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 05:43	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 05:43	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 05:43	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 05:43	WG1488648
n-Butylbenzene	0.177	J	0.157	0.500	1	06/08/2020 05:43	WG1488648
sec-Butylbenzene	1.42		0.125	0.500	1	06/08/2020 05:43	WG1488648
tert-Butylbenzene	0.147	J	0.127	0.500	1	06/08/2020 05:43	WG1488648
Carbon disulfide	0.448	J	0.0962	0.500	1	06/08/2020 05:43	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 05:43	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 05:43	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 05:43	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 05:43	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 05:43	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 05:43	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 05:43	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 05:43	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 05:43	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 05:43	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 05:43	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 05:43	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 05:43	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 05:43	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 05:43	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 05:43	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 05:43	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 05:43	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 05:43	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 05:43	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 05:43	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 05:43	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 05:43	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 05:43	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 05:43	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 05:43	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 05:43	WG1488648
Ethylbenzene	0.216	J	0.137	0.500	1	06/08/2020 05:43	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 05:43	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 05:43	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 05:43	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 05:43	WG1488648
Isopropylbenzene	0.588		0.105	0.500	1	06/08/2020 05:43	WG1488648
p-Isopropyltoluene	2.18		0.120	0.500	1	06/08/2020 05:43	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 05:43	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 05:43	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 05:43	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 05:43	WG1488648
n-Propylbenzene	0.752		0.0993	0.500	1	06/08/2020 05:43	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 05:43	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 05:43	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 05:43	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 05:43	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 05:43	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 05:43	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 05:43	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 05:43	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 05:43	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 05:43	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 05:43	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 05:43	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 05:43	WG1488648
1,2,4-Trimethylbenzene	2.53		0.322	0.500	1	06/08/2020 05:43	WG1488648
1,2,3-Trimethylbenzene	0.410	J	0.104	0.500	1	06/08/2020 05:43	WG1488648
1,3,5-Trimethylbenzene	0.236	J	0.104	0.500	1	06/08/2020 05:43	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 05:43	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 05:43	WG1488648
Xylenes, Total	0.210	J	0.174	1.50	1	06/08/2020 05:43	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 05:43	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 07:17	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 05:43	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 05:43	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 05:43	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 05:43	WG1488648
(S) Toluene-d8	*93.5*			*80.0-120*		*06/08/2020 05:43*	WG1488648
(S) Toluene-d8	*105*			*80.0-120*		*06/11/2020 07:17*	WG1490434
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*06/08/2020 05:43*	WG1488648
(S) 4-Bromofluorobenzene	*121*			*77.0-126*		*06/11/2020 07:17*	WG1490434
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*06/08/2020 05:43*	WG1488648
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*06/11/2020 07:17*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 02:34	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 00:45	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 00:45	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 00:45	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 00:45	WG1488878
Chrysene	U		0.0179	0.0500	1	06/09/2020 00:45	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 00:45	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 00:45	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.108	J	0.0917	0.250	1	06/09/2020 00:45	WG1488878
1-Methylnaphthalene	U		0.0687	0.250	1	06/09/2020 00:45	WG1488878
2-Methylnaphthalene	U		0.0674	0.250	1	06/09/2020 00:45	WG1488878
(S) Nitrobenzene-d5	*72.1*			*31.0-160*		*06/09/2020 00:45*	WG1488878
(S) 2-Fluorobiphenyl	*85.3*			*48.0-148*		*06/09/2020 00:45*	WG1488878
(S) p-Terphenyl-d14	*92.1*			*37.0-146*		*06/09/2020 00:45*	WG1488878

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	06/10/2020 13:59	WG1488764

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	1770		31.6	100	1	06/07/2020 22:46	WG1488437
(S) a,a,a-Trifluorotoluene(FID)	*99.8*			*78.0-120*		*06/07/2020 22:46*	WG1488437

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J0	11.3	25.0	1	06/08/2020 06:02	WG1488648
Acrylonitrile	U		0.671	5.00	1	06/08/2020 06:02	WG1488648
Benzene	U		0.0941	0.500	1	06/08/2020 06:02	WG1488648
Bromobenzene	U		0.118	0.500	1	06/08/2020 06:02	WG1488648
Bromodichloromethane	U		0.136	0.500	1	06/08/2020 06:02	WG1488648
Bromochloromethane	U		0.128	0.500	1	06/08/2020 06:02	WG1488648
Bromoform	U		0.129	0.500	1	06/08/2020 06:02	WG1488648
Bromomethane	U		0.605	2.50	1	06/08/2020 06:02	WG1488648
n-Butylbenzene	0.160	J	0.157	0.500	1	06/08/2020 06:02	WG1488648
sec-Butylbenzene	1.56		0.125	0.500	1	06/08/2020 06:02	WG1488648
tert-Butylbenzene	0.170	J	0.127	0.500	1	06/08/2020 06:02	WG1488648
Carbon disulfide	0.203	J	0.0962	0.500	1	06/08/2020 06:02	WG1488648
Carbon tetrachloride	U		0.128	0.500	1	06/08/2020 06:02	WG1488648
Chlorobenzene	U		0.117	0.500	1	06/08/2020 06:02	WG1488648
Chlorodibromomethane	U		0.140	0.500	1	06/08/2020 06:02	WG1488648
Chloroethane	U		0.192	2.50	1	06/08/2020 06:02	WG1488648
Chloroform	U		0.111	0.500	1	06/08/2020 06:02	WG1488648
Chloromethane	U		0.960	1.25	1	06/08/2020 06:02	WG1488648
2-Chlorotoluene	U		0.106	0.500	1	06/08/2020 06:02	WG1488648
4-Chlorotoluene	U		0.114	0.500	1	06/08/2020 06:02	WG1488648
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	06/08/2020 06:02	WG1488648
1,2-Dibromoethane	U		0.126	0.500	1	06/08/2020 06:02	WG1488648
Dibromomethane	U		0.122	0.500	1	06/08/2020 06:02	WG1488648
1,2-Dichlorobenzene	U		0.107	0.500	1	06/08/2020 06:02	WG1488648
1,3-Dichlorobenzene	U		0.299	0.500	1	06/08/2020 06:02	WG1488648
1,4-Dichlorobenzene	U		0.120	0.500	1	06/08/2020 06:02	WG1488648
Dichlorodifluoromethane	U		0.374	2.50	1	06/08/2020 06:02	WG1488648
1,1-Dichloroethane	U		0.100	0.500	1	06/08/2020 06:02	WG1488648
1,2-Dichloroethane	U		0.0819	0.500	1	06/08/2020 06:02	WG1488648
1,1-Dichloroethene	U		0.188	0.500	1	06/08/2020 06:02	WG1488648
cis-1,2-Dichloroethene	U		0.126	0.500	1	06/08/2020 06:02	WG1488648
trans-1,2-Dichloroethene	U		0.149	0.500	1	06/08/2020 06:02	WG1488648
1,2-Dichloropropane	U		0.149	0.500	1	06/08/2020 06:02	WG1488648
1,1-Dichloropropene	U		0.142	0.500	1	06/08/2020 06:02	WG1488648
1,3-Dichloropropane	U		0.109	1.00	1	06/08/2020 06:02	WG1488648
cis-1,3-Dichloropropene	U		0.111	0.500	1	06/08/2020 06:02	WG1488648
trans-1,3-Dichloropropene	U		0.118	0.500	1	06/08/2020 06:02	WG1488648
trans-1,4-Dichloro-2-butene	U	J0	0.467	5.00	1	06/08/2020 06:02	WG1488648
2,2-Dichloropropane	U		0.161	0.500	1	06/08/2020 06:02	WG1488648
Ethylbenzene	0.319	J	0.137	0.500	1	06/08/2020 06:02	WG1488648
Hexachloro-1,3-butadiene	U	J0	0.337	1.00	1	06/08/2020 06:02	WG1488648
2-Hexanone	U		0.787	5.00	1	06/08/2020 06:02	WG1488648
n-Hexane	U		0.749	5.00	1	06/08/2020 06:02	WG1488648

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	U		0.554	5.00	1	06/08/2020 06:02	WG1488648
Isopropylbenzene	0.862		0.105	0.500	1	06/08/2020 06:02	WG1488648
p-Isopropyltoluene	2.90		0.120	0.500	1	06/08/2020 06:02	WG1488648
2-Butanone (MEK)	U	J0	1.19	5.00	1	06/08/2020 06:02	WG1488648
Methylene Chloride	U		0.430	2.50	1	06/08/2020 06:02	WG1488648
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	06/08/2020 06:02	WG1488648
Naphthalene	U		0.174	2.50	1	06/08/2020 06:02	WG1488648
n-Propylbenzene	1.08		0.0993	0.500	1	06/08/2020 06:02	WG1488648
Styrene	U		0.118	0.500	1	06/08/2020 06:02	WG1488648
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	06/08/2020 06:02	WG1488648
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	06/08/2020 06:02	WG1488648
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	06/08/2020 06:02	WG1488648
Tetrachloroethene	U		0.300	0.500	1	06/08/2020 06:02	WG1488648
Toluene	U		0.278	0.500	1	06/08/2020 06:02	WG1488648
1,2,3-Trichlorobenzene	U		0.164	0.500	1	06/08/2020 06:02	WG1488648
1,2,4-Trichlorobenzene	U		0.481	1.00	1	06/08/2020 06:02	WG1488648
1,1,1-Trichloroethane	U		0.149	0.500	1	06/08/2020 06:02	WG1488648
1,1,2-Trichloroethane	U		0.158	0.500	1	06/08/2020 06:02	WG1488648
Trichloroethene	U		0.190	0.500	1	06/08/2020 06:02	WG1488648
Trichlorofluoromethane	U		0.160	2.50	1	06/08/2020 06:02	WG1488648
1,2,3-Trichloropropane	U		0.237	2.50	1	06/08/2020 06:02	WG1488648
1,2,4-Trimethylbenzene	4.43		0.322	0.500	1	06/08/2020 06:02	WG1488648
1,2,3-Trimethylbenzene	0.679		0.104	0.500	1	06/08/2020 06:02	WG1488648
1,3,5-Trimethylbenzene	0.639		0.104	0.500	1	06/08/2020 06:02	WG1488648
Vinyl acetate	U		0.692	5.00	1	06/08/2020 06:02	WG1488648
Vinyl chloride	U		0.234	0.500	1	06/08/2020 06:02	WG1488648
Xylenes, Total	0.384	J	0.174	1.50	1	06/08/2020 06:02	WG1488648
Di-isopropyl ether	U		0.105	0.500	1	06/08/2020 06:02	WG1488648
Ethanol	U		42.0	100	1	06/11/2020 07:37	WG1490434
Ethyl tert-butyl ether	U		0.102	1.00	1	06/08/2020 06:02	WG1488648
Methyl tert-butyl ether	U		0.101	0.500	1	06/08/2020 06:02	WG1488648
tert-Butyl alcohol	U	J0	2.40	5.00	1	06/08/2020 06:02	WG1488648
tert-Amyl Methyl Ether	U		0.195	1.00	1	06/08/2020 06:02	WG1488648
(S) Toluene-d8	*94.1*			*80.0-120*		*06/08/2020 06:02*	WG1488648
(S) Toluene-d8	*105*			*80.0-120*		*06/11/2020 07:37*	WG1490434
(S) 4-Bromofluorobenzene	*89.3*			*77.0-126*		*06/08/2020 06:02*	WG1488648
(S) 4-Bromofluorobenzene	*123*			*77.0-126*		*06/11/2020 07:37*	WG1490434
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*06/08/2020 06:02*	WG1488648
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*06/11/2020 07:37*	WG1490434

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	06/09/2020 02:46	WG1488707

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	06/09/2020 01:05	WG1488878
Benzo(a)pyrene	U		0.0184	0.0500	1	06/09/2020 01:05	WG1488878
Benzo(b)fluoranthene	U		0.0168	0.0500	1	06/09/2020 01:05	WG1488878
Benzo(k)fluoranthene	U		0.0202	0.0500	1	06/09/2020 01:05	WG1488878
Chrysene	U		0.0179	0.0500	1	06/09/2020 01:05	WG1488878
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	06/09/2020 01:05	WG1488878
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	06/09/2020 01:05	WG1488878

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.198	J	0.0917	0.250	1	06/09/2020 01:05	WG1488878
1-Methylnaphthalene	U		0.0687	0.250	1	06/09/2020 01:05	WG1488878
2-Methylnaphthalene	U		0.0674	0.250	1	06/09/2020 01:05	WG1488878
(S) Nitrobenzene-d5	*69.5*			*31.0-160*		*06/09/2020 01:05*	WG1488878
(S) 2-Fluorobiphenyl	*83.7*			*48.0-148*		*06/09/2020 01:05*	WG1488878
(S) p-Terphenyl-d14	*88.4*			*37.0-146*		*06/09/2020 01:05*	WG1488878

Method Blank (MB)

(MB) R3537559-1 06/11/20 11:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		2.95	6.00

Laboratory Control Sample (LCS)

(LCS) R3537559-2 06/11/20 11:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1000	989	98.9	80.0-120	

Method Blank (MB)

(MB) R3537285-1 06/10/20 13:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		2.95	6.00

Laboratory Control Sample (LCS)

(LCS) R3537285-2 06/10/20 13:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1000	969	96.9	80.0-120	

Method Blank (MB)

(MB) R3536059-2 06/07/20 14:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3536059-1 06/07/20 13:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	6050	110	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*78.0-120*	

Method Blank (MB)

(MB) R3537159-3 06/07/20 23:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

Method Blank (MB)

(MB) R3537159-3 06/07/20 23:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,3-Trimethylbenzene	U		0.104	0.500
1,2,4-Trimethylbenzene	U		0.322	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
tert-Amyl Methyl Ether	U		0.195	1.00
Ethyl tert-butyl ether	U		0.102	1.00
tert-Butyl alcohol	U		2.40	5.00
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3537159-1 06/07/20 22:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	19.2	76.8	19.0-160	
Acrylonitrile	25.0	21.2	84.8	55.0-149	
Benzene	5.00	4.90	98.0	70.0-123	
Bromobenzene	5.00	5.09	102	73.0-121	
Bromodichloromethane	5.00	4.73	94.6	75.0-120	
Bromochloromethane	5.00	5.20	104	76.0-122	
Bromoform	5.00	4.58	91.6	68.0-132	
Bromomethane	5.00	4.69	93.8	10.0-160	
n-Butylbenzene	5.00	5.24	105	73.0-125	
sec-Butylbenzene	5.00	5.42	108	75.0-125	
tert-Butylbenzene	5.00	5.46	109	76.0-124	
Carbon disulfide	5.00	4.74	94.8	61.0-128	
Carbon tetrachloride	5.00	5.35	107	68.0-126	
Chlorobenzene	5.00	5.36	107	80.0-121	
Chlorodibromomethane	5.00	5.22	104	77.0-125	
Chloroethane	5.00	4.71	94.2	47.0-150	
Chloroform	5.00	4.73	94.6	73.0-120	
Chloromethane	5.00	4.81	96.2	41.0-142	
2-Chlorotoluene	5.00	5.29	106	76.0-123	
4-Chlorotoluene	5.00	5.32	106	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.06	81.2	58.0-134	
1,2-Dibromoethane	5.00	5.23	105	80.0-122	
Dibromomethane	5.00	4.96	99.2	80.0-120	
1,2-Dichlorobenzene	5.00	5.18	104	79.0-121	
1,3-Dichlorobenzene	5.00	5.39	108	79.0-120	
1,4-Dichlorobenzene	5.00	5.34	107	79.0-120	
trans-1,4-Dichloro-2-butene	5.00	3.93	78.6	33.0-144	
Dichlorodifluoromethane	5.00	4.07	81.4	51.0-149	
1,1-Dichloroethane	5.00	4.90	98.0	70.0-126	
1,2-Dichloroethane	5.00	4.91	98.2	70.0-128	
1,1-Dichloroethene	5.00	5.19	104	71.0-124	
cis-1,2-Dichloroethene	5.00	4.76	95.2	73.0-120	
trans-1,2-Dichloroethene	5.00	5.08	102	73.0-120	
1,2-Dichloropropane	5.00	5.29	106	77.0-125	
1,1-Dichloropropene	5.00	5.21	104	74.0-126	
1,3-Dichloropropane	5.00	5.30	106	80.0-120	
cis-1,3-Dichloropropene	5.00	4.98	99.6	80.0-123	
trans-1,3-Dichloropropene	5.00	4.96	99.2	78.0-124	
2,2-Dichloropropane	5.00	5.01	100	58.0-130	
Di-isopropyl ether	5.00	4.97	99.4	58.0-138	

Laboratory Control Sample (LCS)

(LCS) R3537159-1 06/07/20 22:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ethylbenzene	5.00	5.46	109	79.0-123	
Hexachloro-1,3-butadiene	5.00	3.72	74.4	54.0-138	
2-Hexanone	25.0	24.5	98.0	67.0-149	
n-Hexane	5.00	4.94	98.8	57.0-133	
Iodomethane	25.0	25.4	102	33.0-147	
Isopropylbenzene	5.00	5.37	107	76.0-127	
p-Isopropyltoluene	5.00	5.49	110	76.0-125	
2-Butanone (MEK)	25.0	21.5	86.0	44.0-160	
Methylene Chloride	5.00	5.00	100	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	24.4	97.6	68.0-142	
Methyl tert-butyl ether	5.00	4.81	96.2	68.0-125	
Naphthalene	5.00	4.32	86.4	54.0-135	
n-Propylbenzene	5.00	5.45	109	77.0-124	
Styrene	5.00	5.21	104	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.18	104	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.99	99.8	65.0-130	
Tetrachloroethene	5.00	5.68	114	72.0-132	
Toluene	5.00	5.18	104	79.0-120	
1,1,2-Trichlorotrifluoroethane	5.00	5.15	103	69.0-132	
1,2,3-Trichlorobenzene	5.00	3.94	78.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.11	82.2	57.0-137	
1,1,1-Trichloroethane	5.00	5.32	106	73.0-124	
1,1,2-Trichloroethane	5.00	5.23	105	80.0-120	
Trichloroethene	5.00	5.28	106	78.0-124	
Trichlorofluoromethane	5.00	4.96	99.2	59.0-147	
1,2,3-Trichloropropane	5.00	5.01	100	73.0-130	
1,2,3-Trimethylbenzene	5.00	5.04	101	77.0-120	
1,2,4-Trimethylbenzene	5.00	5.19	104	76.0-121	
1,3,5-Trimethylbenzene	5.00	5.34	107	76.0-122	
Vinyl acetate	25.0	26.8	107	11.0-160	
Vinyl chloride	5.00	4.74	94.8	67.0-131	
Xylenes, Total	15.0	15.8	105	79.0-123	
tert-Amyl Methyl Ether	5.00	4.72	94.4	66.0-125	
Ethyl tert-butyl ether	5.00	4.96	99.2	63.0-138	
tert-Butyl alcohol	25.0	16.2	64.8	27.0-160	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*98.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*99.8*	*70.0-130*	

Method Blank (MB)

(MB) R3537428-3 06/11/20 03:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethanol	U		42.0	100
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*114*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*90.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3537428-1 06/11/20 02:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
ethanol	250	338	135	10.0-160	
(S) Toluene-d8			*111*	*80.0-120*	
(S) 4-Bromofluorobenzene			*116*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*92.3*	*70.0-130*	

Method Blank (MB)

(MB) R3536504-1 06/08/20 23:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylene Dibromide	U		0.00536	0.0200

Original Sample (OS) • Duplicate (DUP)

(OS) • (DUP) R3536504-3 06/08/20 23:53

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

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

(LCS) R3536504-4 06/09/20 02:00 • (LCSD) R3536504-5 06/09/20 04:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.250	0.226	0.222	90.4	88.8	60.0-140			1.79	20

Original Sample (OS) • Matrix Spike (MS)

(OS) • (MS) R3536504-2 06/08/20 23:30

Analyte	Spike Amount ug/l	Original Result	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.100		0.101	101	1	64.0-159	

Method Blank (MB)

(MB) R3536379-3 06/08/20 22:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*74.5*			*31.0-160*
(S) 2-Fluorobiphenyl	*85.5*			*48.0-148*
(S) p-Terphenyl-d14	*95.5*			*37.0-146*

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

(LCS) R3536379-1 06/08/20 22:05 • (LCSD) R3536379-2 06/08/20 22:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzo(a)anthracene	2.00	1.93	2.02	96.5	101	61.0-140			4.56	20
Benzo(a)pyrene	2.00	1.70	1.76	85.0	88.0	60.0-143			3.47	20
Benzo(b)fluoranthene	2.00	1.59	1.67	79.5	83.5	58.0-141			4.91	20
Benzo(k)fluoranthene	2.00	1.66	1.74	83.0	87.0	58.0-148			4.71	20
Chrysene	2.00	1.88	1.97	94.0	98.5	64.0-144			4.68	20
Dibenz(a,h)anthracene	2.00	1.86	1.93	93.0	96.5	52.0-155			3.69	20
Indeno(1,2,3-cd)pyrene	2.00	1.88	1.97	94.0	98.5	54.0-153			4.68	20
Naphthalene	2.00	1.60	1.67	80.0	83.5	61.0-137			4.28	20
1-Methylnaphthalene	2.00	1.68	1.74	84.0	87.0	66.0-142			3.51	20
2-Methylnaphthalene	2.00	1.61	1.67	80.5	83.5	62.0-136			3.66	20
(S) Nitrobenzene-d5				*74.5*	*77.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*82.5*	*89.0*	*48.0-148*				
(S) p-Terphenyl-d14				*90.5*	*96.0*	*37.0-146*				

Method Blank (MB)

(MB) R3536413-3 06/09/20 03:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*96.5*			*31.0-160*
(S) 2-Fluorobiphenyl	*89.0*			*48.0-148*
(S) p-Terphenyl-d14	*91.0*			*37.0-146*

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

(LCS) R3536413-1 06/09/20 03:08 • (LCSD) R3536413-2 06/09/20 03:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzo(a)anthracene	2.00	1.85	1.77	92.5	88.5	61.0-140			4.42	20
Benzo(a)pyrene	2.00	1.74	1.68	87.0	84.0	60.0-143			3.51	20
Benzo(b)fluoranthene	2.00	1.88	1.79	94.0	89.5	58.0-141			4.90	20
Benzo(k)fluoranthene	2.00	1.77	1.71	88.5	85.5	58.0-148			3.45	20
Chrysene	2.00	1.89	1.83	94.5	91.5	64.0-144			3.23	20
Dibenz(a,h)anthracene	2.00	1.92	1.92	96.0	96.0	52.0-155			0.000	20
Indeno(1,2,3-cd)pyrene	2.00	1.92	1.87	96.0	93.5	54.0-153			2.64	20
Naphthalene	2.00	1.61	1.58	80.5	79.0	61.0-137			1.88	20
1-Methylnaphthalene	2.00	1.65	1.62	82.5	81.0	66.0-142			1.83	20
2-Methylnaphthalene	2.00	1.56	1.53	78.0	76.5	62.0-136			1.94	20
(S) Nitrobenzene-d5				*92.5*	*91.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*82.5*	*82.0*	*48.0-148*				
(S) p-Terphenyl-d14				*84.0*	*79.5*	*37.0-146*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

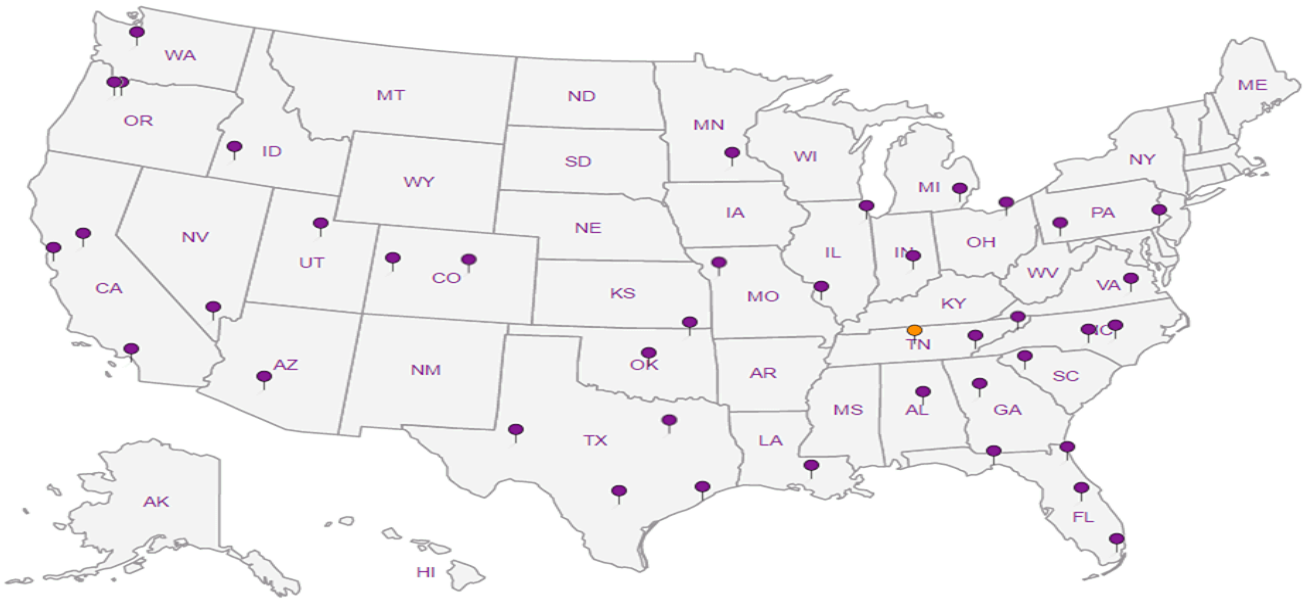
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ARCADIS US - Seattle, WA

1100 Olive Way
Suite 800
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: Ross LaGrandeur

Email To: Ross.LaGrandeur@arcadis.com;Ryan.Brauch[illegible]@

Project Description: WA-11060

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: 509-438-9828

Client Project # 30014464

Lab Project # ARCABPWA-WA11060

Collected by (print): Trevor Bryant

Site/Facility ID # 4580 FAUNTLEROY WAY SW,

P.O. # 30014464

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed: standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM/EDC 8260D 40mlAmb-HCl	EDB 8011 40mlClr-NaThio	HOLD - Diss Pb 6010 250mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	PAHs 8270E-SIM 40mlAmb-NoPres-WT	Total Pb 6010 250mlHDPE-HNO3	VOCs 8260D LL 40mlAmb-HCl	VOCs+OXYs 8260D LL 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-1	G	GW	—	6/3/20	0845	13		X	H	X	X	X		X			Diss	-01
MW-2		GW	—	6/3/20	0915		XX	X									Lead	-02
MW-6		GW	—	6/2/20	1355		XX	X									on	-03
MW-9		GW	—		1315			X									HOLD	-04
MW-N		GW	—		1105			X										-05
MW-12		GW	—		1145			X										-06
GWM-1		GW	—		1230			X										-07
DUP-1		GW	—	—	—			X										-08
Trip Blank	—	GW	—	—	—	86												
						CM												

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 1226536
J243

Acctnum: ARCABPWA
Template: T165817
Prelogin: P766834
PM: 110 - Brian Ford
PB:
Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8724 / 1749 4447 2351

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
[signature]	6/3/20	1100	Fedex
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

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

Temp: 1.6 °C 2.0+0.1=2.1 Bottles Received: 104

Date: 6-4-20 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

August 24, 2020

ARCADIS US - Seattle, WA

Sample Delivery Group:	L1249515
Samples Received:	08/12/2020
Project Number:	30014464 N0000.ANA
Description:	WA-11060
Site:	4580 FAUNTLEROY WAY SW, SEATTL
Report To:	Ross LaGrandeur
	1100 Olive Way
	Suite 800
	Seattle, WA 98101

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

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

TABLE OF CONTENTS

MW-1 L1249515-01 GW

Collected by: Trevor Bryant | Collected date/time: 08/06/20 14:55 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 00:57	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525435	1	08/14/20 03:45	08/14/20 03:45	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 11:47	08/13/20 11:47	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 02:57	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1524970	1	08/12/20 22:05	08/21/20 17:19	JDG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 01:48	AO	Mt. Juliet, TN

MW-2 L1249515-02 GW

Collected by: Trevor Bryant | Collected date/time: 08/07/20 09:10 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:00	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525435	1	08/14/20 04:08	08/14/20 04:08	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 12:07	08/13/20 12:07	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 03:09	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1525484	1	08/13/20 18:01	08/15/20 00:27	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 02:11	AO	Mt. Juliet, TN

MW-3 L1249515-03 GW

Collected by: Trevor Bryant | Collected date/time: 08/07/20 09:50 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:03	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525435	1	08/14/20 04:31	08/14/20 04:31	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 12:28	08/13/20 12:28	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 03:21	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1525484	1	08/13/20 18:01	08/15/20 00:53	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 02:34	AO	Mt. Juliet, TN

MW-9 L1249515-04 GW

Collected by: Trevor Bryant | Collected date/time: 08/07/20 10:30 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:06	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1528164	1	08/19/20 17:29	08/19/20 17:29	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 12:48	08/13/20 12:48	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 02:33	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1525484	1	08/13/20 18:01	08/15/20 01:19	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 02:57	AO	Mt. Juliet, TN

MW-11 L1249515-05 GW

Collected by: Trevor Bryant | Collected date/time: 08/06/20 10:50 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 00:46	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525756	1	08/14/20 12:58	08/14/20 12:58	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 13:08	08/13/20 13:08	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 02:10	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1524970	1	08/12/20 22:05	08/13/20 11:00	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 03:20	AO	Mt. Juliet, TN

MW-12 L1249515-06 GW

Collected by: Trevor Bryant | Collected date/time: 08/06/20 11:35 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:14	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525756	1	08/14/20 13:21	08/14/20 13:21	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 13:29	08/13/20 13:29	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 03:33	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1524970	1	08/12/20 22:05	08/13/20 11:20	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 03:43	AO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	10	08/13/20 09:37	08/16/20 11:25	DMG	Mt. Juliet, TN

GMW-1 L1249515-07 GW

Collected by: Trevor Bryant | Collected date/time: 08/06/20 14:15 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:17	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525756	1	08/14/20 13:45	08/14/20 13:45	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 13:49	08/13/20 13:49	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 03:45	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1524970	1	08/12/20 22:05	08/13/20 11:40	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 04:07	AO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	10	08/13/20 09:37	08/16/20 10:45	DMG	Mt. Juliet, TN

DUP-1 L1249515-08 GW

Collected by: Trevor Bryant | Collected date/time: 08/06/20 00:00 | Received date/time: 08/12/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1527094	1	08/17/20 16:48	08/18/20 01:20	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1525756	1	08/14/20 14:08	08/14/20 14:08	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1525316	1	08/13/20 14:09	08/13/20 14:09	ADM	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG1525525	1	08/14/20 08:49	08/15/20 03:57	LEL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1524970	1	08/12/20 22:05	08/13/20 12:00	KME	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	1	08/13/20 09:37	08/14/20 04:30	AO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG1524972	10	08/13/20 09:37	08/16/20 11:05	DMG	Mt. Juliet, TN

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

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

Brian Ford
Project Manager

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 00:57	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	186	B	31.6	100	1	08/14/2020 03:45	WG1525435
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*08/14/2020 03:45*	WG1525435

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.133	J	0.0941	1.00	1	08/13/2020 11:47	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 11:47	WG1525316
Ethylbenzene	U		0.137	1.00	1	08/13/2020 11:47	WG1525316
Total Xylenes	U		0.174	3.00	1	08/13/2020 11:47	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 11:47	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 11:47	WG1525316
(S) Toluene-d8	*102*			*80.0-120*		*08/13/2020 11:47*	WG1525316
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*08/13/2020 11:47*	WG1525316
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*08/13/2020 11:47*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 02:57	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	261		66.7	200	1	08/21/2020 17:19	WG1524970
Residual Range Organics (RRO)	101	J	83.3	250	1	08/21/2020 17:19	WG1524970
(S) o-Terphenyl	*80.0*			*52.0-156*		*08/21/2020 17:19*	WG1524970

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 01:48	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 01:48	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 01:48	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 01:48	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 01:48	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 01:48	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 01:48	WG1524972
Naphthalene	0.0925	J	0.0917	0.250	1	08/14/2020 01:48	WG1524972
1-Methylnaphthalene	U		0.0687	0.250	1	08/14/2020 01:48	WG1524972
2-Methylnaphthalene	U		0.0674	0.250	1	08/14/2020 01:48	WG1524972
(S) Nitrobenzene-d5	*104*			*31.0-160*		*08/14/2020 01:48*	WG1524972
(S) 2-Fluorobiphenyl	*112*			*48.0-148*		*08/14/2020 01:48*	WG1524972
(S) p-Terphenyl-d14	*113*			*37.0-146*		*08/14/2020 01:48*	WG1524972

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 01:00	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	377	B	31.6	100	1	08/14/2020 04:08	WG1525435
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*08/14/2020 04:08*	WG1525435

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.910	J	0.0941	1.00	1	08/13/2020 12:07	WG1525316
Toluene	0.349	J	0.278	1.00	1	08/13/2020 12:07	WG1525316
Ethylbenzene	0.452	J	0.137	1.00	1	08/13/2020 12:07	WG1525316
Total Xylenes	1.36	J	0.174	3.00	1	08/13/2020 12:07	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 12:07	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 12:07	WG1525316
(S) Toluene-d8	*104*			*80.0-120*		*08/13/2020 12:07*	WG1525316
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*08/13/2020 12:07*	WG1525316
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*08/13/2020 12:07*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 03:09	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	4300		66.7	200	1	08/15/2020 00:27	WG1525484
Residual Range Organics (RRO)	431		83.3	250	1	08/15/2020 00:27	WG1525484
(S) o-Terphenyl	*92.6*			*52.0-156*		*08/15/2020 00:27*	WG1525484

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 02:11	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 02:11	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 02:11	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 02:11	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 02:11	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 02:11	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 02:11	WG1524972
Naphthalene	0.171	J	0.0917	0.250	1	08/14/2020 02:11	WG1524972
1-Methylnaphthalene	U		0.0687	0.250	1	08/14/2020 02:11	WG1524972
2-Methylnaphthalene	U		0.0674	0.250	1	08/14/2020 02:11	WG1524972
(S) Nitrobenzene-d5	*138*			*31.0-160*		*08/14/2020 02:11*	WG1524972
(S) 2-Fluorobiphenyl	*107*			*48.0-148*		*08/14/2020 02:11*	WG1524972
(S) p-Terphenyl-d14	*120*			*37.0-146*		*08/14/2020 02:11*	WG1524972

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.95	6.00	1	08/18/2020 01:03	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	66.5	B J	31.6	100	1	08/14/2020 04:31	WG1525435
(S) a,a,a-Trifluorotoluene(FID)	*112*			*78.0-120*		*08/14/2020 04:31*	WG1525435

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2020 12:28	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 12:28	WG1525316
Ethylbenzene	U		0.137	1.00	1	08/13/2020 12:28	WG1525316
Total Xylenes	1.44	J	0.174	3.00	1	08/13/2020 12:28	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 12:28	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 12:28	WG1525316
(S) Toluene-d8	*104*			*80.0-120*		*08/13/2020 12:28*	WG1525316
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*08/13/2020 12:28*	WG1525316
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*08/13/2020 12:28*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 03:21	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	109	J	66.7	200	1	08/15/2020 00:53	WG1525484
Residual Range Organics (RRO)	101	J	83.3	250	1	08/15/2020 00:53	WG1525484
(S) o-Terphenyl	*82.1*			*52.0-156*		*08/15/2020 00:53*	WG1525484

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 02:34	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 02:34	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 02:34	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 02:34	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 02:34	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 02:34	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 02:34	WG1524972
Naphthalene	U		0.0917	0.250	1	08/14/2020 02:34	WG1524972
1-Methylnaphthalene	U		0.0687	0.250	1	08/14/2020 02:34	WG1524972
2-Methylnaphthalene	U		0.0674	0.250	1	08/14/2020 02:34	WG1524972
(S) Nitrobenzene-d5	*100*			*31.0-160*		*08/14/2020 02:34*	WG1524972
(S) 2-Fluorobiphenyl	*119*			*48.0-148*		*08/14/2020 02:34*	WG1524972
(S) p-Terphenyl-d14	*116*			*37.0-146*		*08/14/2020 02:34*	WG1524972

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 01:06	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	08/19/2020 17:29	WG1528164
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*		*08/19/2020 17:29*	WG1528164

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	08/13/2020 12:48	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 12:48	WG1525316
Ethylbenzene	U		0.137	1.00	1	08/13/2020 12:48	WG1525316
Total Xylenes	U		0.174	3.00	1	08/13/2020 12:48	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 12:48	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 12:48	WG1525316
(S) Toluene-d8	*102*			*80.0-120*		*08/13/2020 12:48*	WG1525316
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*08/13/2020 12:48*	WG1525316
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*08/13/2020 12:48*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 02:33	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	216		66.7	200	1	08/15/2020 01:19	WG1525484
Residual Range Organics (RRO)	110	J	83.3	250	1	08/15/2020 01:19	WG1525484
(S) o-Terphenyl	*82.1*			*52.0-156*		*08/15/2020 01:19*	WG1525484

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 02:57	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 02:57	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 02:57	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 02:57	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 02:57	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 02:57	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 02:57	WG1524972
Naphthalene	U		0.0917	0.250	1	08/14/2020 02:57	WG1524972
1-Methylnaphthalene	U		0.0687	0.250	1	08/14/2020 02:57	WG1524972
2-Methylnaphthalene	U		0.0674	0.250	1	08/14/2020 02:57	WG1524972
(S) Nitrobenzene-d5	*101*			*31.0-160*		*08/14/2020 02:57*	WG1524972
(S) 2-Fluorobiphenyl	*119*			*48.0-148*		*08/14/2020 02:57*	WG1524972
(S) p-Terphenyl-d14	*120*			*37.0-146*		*08/14/2020 02:57*	WG1524972

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 00:46	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	85.2	B J	31.6	100	1	08/14/2020 12:58	WG1525756
(S) a,a,a-Trifluorotoluene(FID)	*112*			*78.0-120*		*08/14/2020 12:58*	WG1525756

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	08/13/2020 13:08	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 13:08	WG1525316
Ethylbenzene	U		0.137	1.00	1	08/13/2020 13:08	WG1525316
Total Xylenes	U		0.174	3.00	1	08/13/2020 13:08	WG1525316
Methyl tert-butyl ether	0.266	J	0.101	1.00	1	08/13/2020 13:08	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 13:08	WG1525316
(S) Toluene-d8	*103*			*80.0-120*		*08/13/2020 13:08*	WG1525316
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*08/13/2020 13:08*	WG1525316
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*08/13/2020 13:08*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 02:10	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	289		66.7	200	1	08/13/2020 11:00	WG1524970
Residual Range Organics (RRO)	317		83.3	250	1	08/13/2020 11:00	WG1524970
(S) o-Terphenyl	*85.8*			*52.0-156*		*08/13/2020 11:00*	WG1524970

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 03:20	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 03:20	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 03:20	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 03:20	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 03:20	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 03:20	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 03:20	WG1524972
Naphthalene	0.0917	J	0.0917	0.250	1	08/14/2020 03:20	WG1524972
1-Methylnaphthalene	U		0.0687	0.250	1	08/14/2020 03:20	WG1524972
2-Methylnaphthalene	0.0678	B J	0.0674	0.250	1	08/14/2020 03:20	WG1524972
(S) Nitrobenzene-d5	*102*			*31.0-160*		*08/14/2020 03:20*	WG1524972
(S) 2-Fluorobiphenyl	*112*			*48.0-148*		*08/14/2020 03:20*	WG1524972
(S) p-Terphenyl-d14	*114*			*37.0-146*		*08/14/2020 03:20*	WG1524972

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 01:14	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	268	B	31.6	100	1	08/14/2020 13:21	WG1525756
(S) a,a,a-Trifluorotoluene(FID)	*107*			*78.0-120*		*08/14/2020 13:21*	WG1525756

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.644	J	0.0941	1.00	1	08/13/2020 13:29	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 13:29	WG1525316
Ethylbenzene	0.500	J	0.137	1.00	1	08/13/2020 13:29	WG1525316
Total Xylenes	0.448	J	0.174	3.00	1	08/13/2020 13:29	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 13:29	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 13:29	WG1525316
(S) Toluene-d8	*101*			*80.0-120*		*08/13/2020 13:29*	WG1525316
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*08/13/2020 13:29*	WG1525316
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*08/13/2020 13:29*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 03:33	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	1630		66.7	200	1	08/13/2020 11:20	WG1524970
Residual Range Organics (RRO)	317		83.3	250	1	08/13/2020 11:20	WG1524970
(S) o-Terphenyl	*81.1*			*52.0-156*		*08/13/2020 11:20*	WG1524970

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 03:43	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 03:43	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 03:43	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 03:43	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 03:43	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 03:43	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 03:43	WG1524972
Naphthalene	U		0.917	2.50	10	08/16/2020 11:25	WG1524972
1-Methylnaphthalene	U		0.687	2.50	10	08/16/2020 11:25	WG1524972
2-Methylnaphthalene	U		0.674	2.50	10	08/16/2020 11:25	WG1524972
(S) Nitrobenzene-d5	*80.5*			*31.0-160*		*08/16/2020 11:25*	WG1524972
(S) Nitrobenzene-d5	*93.7*			*31.0-160*		*08/14/2020 03:43*	WG1524972
(S) 2-Fluorobiphenyl	*92.6*			*48.0-148*		*08/14/2020 03:43*	WG1524972
(S) 2-Fluorobiphenyl	*99.5*			*48.0-148*		*08/16/2020 11:25*	WG1524972
(S) p-Terphenyl-d14	*106*			*37.0-146*		*08/16/2020 11:25*	WG1524972
(S) p-Terphenyl-d14	*117*			*37.0-146*		*08/14/2020 03:43*	WG1524972

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	

Sample Narrative:

L1249515-06 WG1524972: Dilution due to non-target matrix interference.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	3.04	J	2.95	6.00	1	08/18/2020 01:17	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	1400		31.6	100	1	08/14/2020 13:45	WG1525756
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*08/14/2020 13:45*	WG1525756

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.242	J	0.0941	1.00	1	08/13/2020 13:49	WG1525316
Toluene	1.98		0.278	1.00	1	08/13/2020 13:49	WG1525316
Ethylbenzene	4.55		0.137	1.00	1	08/13/2020 13:49	WG1525316
Total Xylenes	4.15		0.174	3.00	1	08/13/2020 13:49	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 13:49	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 13:49	WG1525316
(S) Toluene-d8	*105*			*80.0-120*		*08/13/2020 13:49*	WG1525316
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*08/13/2020 13:49*	WG1525316
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*08/13/2020 13:49*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 03:45	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	751		66.7	200	1	08/13/2020 11:40	WG1524970
Residual Range Organics (RRO)	U		83.3	250	1	08/13/2020 11:40	WG1524970
(S) o-Terphenyl	*76.3*			*52.0-156*		*08/13/2020 11:40*	WG1524970

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 04:07	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 04:07	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 04:07	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 04:07	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 04:07	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 04:07	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 04:07	WG1524972
Naphthalene	U		0.917	2.50	10	08/16/2020 10:45	WG1524972
1-Methylnaphthalene	U		0.687	2.50	10	08/16/2020 10:45	WG1524972
2-Methylnaphthalene	U		0.674	2.50	10	08/16/2020 10:45	WG1524972
(S) Nitrobenzene-d5	*98.4*			*31.0-160*		*08/14/2020 04:07*	WG1524972
(S) Nitrobenzene-d5	*107*			*31.0-160*		*08/16/2020 10:45*	WG1524972
(S) 2-Fluorobiphenyl	*91.1*			*48.0-148*		*08/14/2020 04:07*	WG1524972
(S) 2-Fluorobiphenyl	*115*			*48.0-148*		*08/16/2020 10:45*	WG1524972
(S) p-Terphenyl-d14	*119*			*37.0-146*		*08/14/2020 04:07*	WG1524972
(S) p-Terphenyl-d14	*123*			*37.0-146*		*08/16/2020 10:45*	WG1524972

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	

Sample Narrative:

L1249515-07 WG1524972: Dilution due to non-target matrix interference.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead	U		2.95	6.00	1	08/18/2020 01:20	WG1527094

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	273	B	31.6	100	1	08/14/2020 14:08	WG1525756
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*08/14/2020 14:08*	WG1525756

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.599	J	0.0941	1.00	1	08/13/2020 14:09	WG1525316
Toluene	U		0.278	1.00	1	08/13/2020 14:09	WG1525316
Ethylbenzene	0.566	J	0.137	1.00	1	08/13/2020 14:09	WG1525316
Total Xylenes	0.461	J	0.174	3.00	1	08/13/2020 14:09	WG1525316
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2020 14:09	WG1525316
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2020 14:09	WG1525316
(S) Toluene-d8	*104*			*80.0-120*		*08/13/2020 14:09*	WG1525316
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*08/13/2020 14:09*	WG1525316
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*08/13/2020 14:09*	WG1525316

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	U		0.00536	0.0200	1	08/15/2020 03:57	WG1525525

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	1580		66.7	200	1	08/13/2020 12:00	WG1524970
Residual Range Organics (RRO)	299		83.3	250	1	08/13/2020 12:00	WG1524970
(S) o-Terphenyl	*91.6*			*52.0-156*		*08/13/2020 12:00*	WG1524970

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzo(a)anthracene	U		0.0203	0.0500	1	08/14/2020 04:30	WG1524972
Benzo(a)pyrene	U		0.0184	0.0500	1	08/14/2020 04:30	WG1524972
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/14/2020 04:30	WG1524972
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/14/2020 04:30	WG1524972
Chrysene	U		0.0179	0.0500	1	08/14/2020 04:30	WG1524972
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/14/2020 04:30	WG1524972
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/14/2020 04:30	WG1524972
Naphthalene	U		0.917	2.50	10	08/16/2020 11:05	WG1524972
1-Methylnaphthalene	U		0.687	2.50	10	08/16/2020 11:05	WG1524972
2-Methylnaphthalene	U		0.674	2.50	10	08/16/2020 11:05	WG1524972
(S) Nitrobenzene-d5	*77.9*			*31.0-160*		*08/16/2020 11:05*	WG1524972
(S) Nitrobenzene-d5	*101*			*31.0-160*		*08/14/2020 04:30*	WG1524972
(S) 2-Fluorobiphenyl	*93.2*			*48.0-148*		*08/14/2020 04:30*	WG1524972
(S) 2-Fluorobiphenyl	*97.9*			*48.0-148*		*08/16/2020 11:05*	WG1524972
(S) p-Terphenyl-d14	*108*			*37.0-146*		*08/16/2020 11:05*	WG1524972
(S) p-Terphenyl-d14	*117*			*37.0-146*		*08/14/2020 04:30*	WG1524972

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	

Sample Narrative:

L1249515-08 WG1524972: Dilution due to non-target matrix interference.

Method Blank (MB)

(MB) R3560984-1 08/18/20 00:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Lead	U		2.95	6.00

Laboratory Control Sample (LCS)

(LCS) R3560984-2 08/18/20 00:43

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Lead	1000	960	96.0	80.0-120	

L1249515-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1249515-05 08/18/20 00:46 • (MS) R3560984-4 08/18/20 00:51 • (MSD) R3560984-5 08/18/20 00:54

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Lead	1000	U	959	981	95.9	98.1	1	75.0-125			2.26	20

Method Blank (MB)

(MB) R3561190-2 08/13/20 20:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	58.4	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*112*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3561190-1 08/13/20 20:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4960	90.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*98.6*	*78.0-120*	

Method Blank (MB)

(MB) R3560552-2 08/14/20 11:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	80.9	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3560552-1 08/14/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5450	99.1	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*97.4*	*78.0-120*	

Method Blank (MB)

(MB) R3561640-3 08/19/20 16:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*78.0-120*

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

(LCS) R3561640-1 08/19/20 12:22 • (LCSD) R3561640-2 08/19/20 13:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	4720	4850	85.8	88.2	70.0-124			2.72	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*102*	*78.0-120*				

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

Method Blank (MB)

(MB) R3561083-2 08/13/20 10:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*108*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3561083-1 08/13/20 09:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.09	81.8	70.0-123	
1,2-Dichloroethane	5.00	4.22	84.4	70.0-128	
Ethylbenzene	5.00	4.48	89.6	79.0-123	
Methyl tert-butyl ether	5.00	4.22	84.4	68.0-125	
Toluene	5.00	4.34	86.8	79.0-120	
Xylenes, Total	15.0	13.1	87.3	79.0-123	
(S) Toluene-d8			*101*	*80.0-120*	
(S) 4-Bromofluorobenzene			*109*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*94.3*	*70.0-130*	

Method Blank (MB)

(MB) R3560425-1 08/15/20 01:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylene Dibromide	U		0.00536	0.0200

L1249515-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1249515-04 08/15/20 02:33 • (DUP) R3560425-3 08/15/20 02:22

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

Laboratory Control Sample (LCS)

(LCS) R3560425-4 08/15/20 04:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ethylene Dibromide	0.250	0.238	95.2	60.0-140	

Laboratory Control Sample (LCS)

(LCS) R3560425-5 08/15/20 06:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ethylene Dibromide	0.250	0.252	101	60.0-140	

L1249515-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1249515-05 08/15/20 02:10 • (MS) R3560425-2 08/15/20 01:58

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.100	U	0.114	114	1	64.0-159	

Method Blank (MB)

(MB) R3559593-1 08/13/20 08:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*82.0*			*52.0-156*

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

(LCS) R3559593-2 08/13/20 08:57 • (LCSD) R3559593-3 08/13/20 09:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1360	1330	90.7	88.7	50.0-150			2.23	20
(S) o-Terphenyl				*90.0*	*90.5*	*52.0-156*				

Method Blank (MB)

(MB) R3559797-1 08/14/20 04:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*96.0*			*52.0-156*

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

(LCS) R3559797-2 08/14/20 05:20 • (LCSD) R3559797-3 08/14/20 05:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1300	1140	86.7	76.0	50.0-150			13.1	20
(S) o-Terphenyl				*113*	*106*	*52.0-156*				

Method Blank (MB)

(MB) R3559907-3 08/13/20 21:10

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	0.0707	J	0.0674	0.250
(S) Nitrobenzene-d5	*105*			*31.0-160*
(S) 2-Fluorobiphenyl	*116*			*48.0-148*
(S) p-Terphenyl-d14	*119*			*37.0-146*

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

(LCS) R3559907-1 08/13/20 20:23 • (LCSD) R3559907-2 08/13/20 20:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzo(a)anthracene	2.00	2.38	2.46	119	123	61.0-140			3.31	20
Benzo(a)pyrene	2.00	2.39	2.47	119	123	60.0-143			3.29	20
Benzo(b)fluoranthene	2.00	2.14	2.21	107	111	58.0-141			3.22	20
Benzo(k)fluoranthene	2.00	2.59	2.68	129	134	58.0-148			3.42	20
Chrysene	2.00	2.34	2.43	117	122	64.0-144			3.77	20
Dibenz(a,h)anthracene	2.00	2.16	2.22	108	111	52.0-155			2.74	20
Indeno(1,2,3-cd)pyrene	2.00	2.22	2.29	111	114	54.0-153			3.10	20
Naphthalene	2.00	2.09	2.14	105	107	61.0-137			2.36	20
1-Methylnaphthalene	2.00	2.19	2.24	109	112	66.0-142			2.26	20
2-Methylnaphthalene	2.00	2.12	2.16	106	108	62.0-136			1.87	20
(S) Nitrobenzene-d5				*106*	*108*	*31.0-160*				
(S) 2-Fluorobiphenyl				*113*	*118*	*48.0-148*				
(S) p-Terphenyl-d14				*113*	*118*	*37.0-146*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

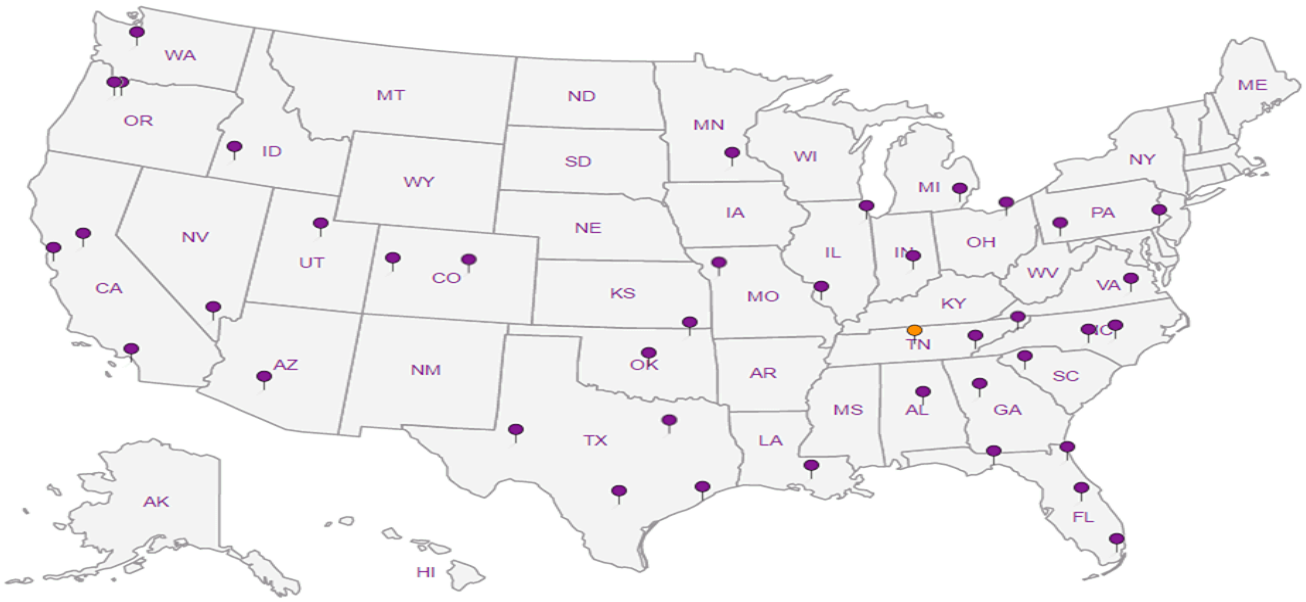
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ARCADIS US - Seattle, WA

1100 Olive Way
Suite 800
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: Ross LaGrandeur

Email To: Ross.LaGrandeur@arcadis.com;Ryan.Brauchla@

Project Description: WA-11060

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: 509-438-9828

Client Project # 30014464 N0000.ANA

Lab Project # ARCABPWA-WA11060

Collected by (print): Trevor Bryant

Site/Facility ID # 4580 FAUNTLEROY WAY SW,

P.O. #

Collected by (signature): TB

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed: standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM/EDC 8260D 40mlAmb-HCl	EDB 8011 40mlClr-NaThio	HOLD - Diss Pb 6010 250mlHDPE-NoPres	NWTPHDX LVINOSGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	PAHs 8270E-SIM 40mlAmb-NoPres-WT	Total Pb 6010 250mlHDPE-HNO3	42			Remarks	Sample # (lab only)
MW-1	G	GW	—	8/6/20	1455	15	X	X	I	X	X	X	X				Diss	01
MW-2	↓	GW	—	8/7/20	0910	↓	↓	↓	↓	↓	↓	↓	↓				Lead	02
MW-3		GW	—	8/7/20	0950												on	03
MW-9		GW	—	8/7/20	1030												HOLD	04
MW-11		GW	—	8/6/20	1050													05
MW-12		GW	—	8/6/20	1135													06
~~DUP-1~~ GMW-1		GW	—	8/6/20	1415													07
DUP-1	↓	GW	—	8/6/20	—	↓												08
		~~GW~~																
		~~GW~~																

Chain of Custody Page ___ of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 124915

J122

Acctnum: ARCABPWA

Template: T171982

Prelogin: P789410

PM: 110 - Brian Ford

PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 9050 0887 6379

Sample Receipt Checklist

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

Relinquished by : (Signature) TB	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AG IH °C 4.6+0=4.6 Bottles Received: 120 105
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) KA Hussein	Date: 8-12-20 Time: 0815 Hold:

If preservation required by Login: Date/Time

Condition: NCF / (OK)