

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enterprise Field Services, LLC	OGRID: 151618
Contact Name: Thomas Long	Contact Telephone: 505-599-2286
Contact email: tjlong@eprod.com	Incident # (assigned by OCD): NRM2013442282
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

Location of Release Source

Latitude **36.701769** Longitude **-107.843899** (NAD 83 in decimal degrees to 5 decimal places)

Site Name Trunk F Pipeline	Site Type Natural Gas Gathering Pipeline
Date Release Discovered: 05/08/2020	Serial Number (if applicable): NA

Unit Letter	Section	Township	Range	County
D	25	29N	10W	San Juan

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Charles David McDaniel and Jacinda Revoc)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls): Unknown	Volume Recovered (bbls): Unknown
☐ Natural Gas	Volume Released (Mcf):	Volume Recovered (Mcf):
☒ Other (describe) Hydro-static Test Water	Volume/Weight Released (provide units): Estimate 10 BBLs	Volume/Weight Recovered (provide units): Unknown

Cause of Release: On May 8, 2020, Enterprise discovered a release of hydro-static test water (potable water) and residual condensate from the Trunk F pipeline. The release point was identified by a nontoxic tracer dye. The release was identified to be located in a swamp/marsh. No visible oil sheen was observed on the water surface. Enterprise mobilized Envirotech, Inc. to collect water samples to evaluate the release area on May 8, 2020. Analytical results indicated contaminant concentrations were below New Mexico Water Quality Control Commission (NMWQCC) standards. One additional water sampling event was performed on May 15, 2020. Analytical results indicated contaminant concentrations were below NMWQCC standards. A third party corrective action report is included with this "Final C-141."

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

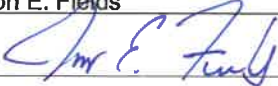
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jon E. Fields

Title: Director, Environmental

Signature: 

Date: 10/16/2020

email: jefields@eprod.com

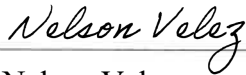
Telephone: (713) 381-6684

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: 

Date: 04/25/2022

Printed Name: Nelson Velez

Title: Environmental Specialist – Adv



June 11, 2020

Project #97057-1112
Incident #nRM2013442282

Mr. Tom Long
Enterprise Products
614 Reilly Avenue
Farmington, New Mexico 87401

Phone: (505) 599-2286
Email: tjlong@eprod.com

RE: EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT FOR THE TRUNK F HYDROSTATIC TEST RELEASE, SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Long,

Enclosed please find the *Emergency Spill Response, Assessment, and Closure Report* detailing spill assessment and closure activities conducted at the Trunk F Hydrostatic Test Release, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.


Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

Enclosure: *Emergency Spill Response, Assessment, and Closure Report*

Cc: Client File Number 97057



EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT

LOCATION:

**TRUNK F HYDROSTATIC TEST RELEASE
SECTION 25, TOWNSHIP 29N, RANGE 10W
SAN JUAN COUNTY, NEW MEXICO
INCIDENT #NRM2013442282**

CONTRACTED BY:

**ENTERPRISE FIELD SERVICES, LLC
MR. TOM LONG
614 REILLY AVENUE
FARMINGTON, NEW MEXICO 87401**

**PROJECT #97057-1112
MAY 2020**

**ENTERPRISE FIELD SERVICES, LLC
EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT
INCIDENT #NRM2013442282
TRUNK F HYDROSTATIC TEST RELEASE
SECTION 25, TOWNSHIP 29N, RANGE 10W
SAN JUAN COUNTY, NEW MEXICO**

TABLE OF CONTENTS

INTRODUCTION.....	1
EMERGENCY SPILL RESPONSE	1
Water Sample Collection – May 8, 2020	1
Laboratory Analytical Results	2
RELEASE MONITORING AND CLOSURE – MAY 15, 2020.....	2
Laboratory Analytical Results	2
SUMMARY AND CONCLUSIONS	2
STATEMENT OF LIMITATIONS	3

Figures: Figure 1, *Vicinity Map*
 Figure 2, *Site Map*

Tables: Table 1, *Summary of Surface Water Analytical Results*

Appendices: Appendix A, *Site Photography*
 Appendix B, *Laboratory Analytical Results*
 Appendix C, *Regulatory Correspondence*



Practical Solutions for a Better Tomorrow



Enterprise Field Services, LLC
Emergency Spill Response, Assessment & Closure Report
Tunk F, San Juan County, NM
Project #97057-1112
May 2020
Page 1

Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Enterprise Field Services, LLC (Enterprise) to provide emergency spill response, release assessment, and confirmation sampling activities for a fluid release consisting of hydrostatic test water (potable water). The release impacted private property located 900 feet south of the San Juan River and 1.7 miles southwest of Blanco, New Mexico; see **Figure 1, Vicinity Map**.

The release source location is further identified as Latitude: 36.70169, Longitude: -107.843899, which is in Unit D (NW1/4 NW1/4) Section 25, Township 29 North, Range 10 West, San Juan County, New Mexico. The estimated release extents are illustrated on **Figure 2, Site Map**.

Emergency Spill Response

Envirotech was initially contacted by Enterprise on May 8, 2020, with a request for emergency spill response services at the above-referenced location. The assessment included a site walk with a representative from Enterprise. The assessment was completed to determine the impacted area and to assess the potential for further migration of the released fluids. Based on the site conditions which included no visible sheen or hydrocarbon odor, it was determined that deployment of control measures was not needed.

Water Sample Collection – May 8, 2020

To establish a baseline for the concentrations of contaminants of concern (COC), on March 8, 2020, four (4) surface water samples were collected for laboratory analysis from within the impacted area. The sample points were flagged in the field and identified as Source #1, Up Gradient, Source #2, and Down Gradient. Water sample locations are illustrated in **Figure 2, Site Map** and **Appendix A, Site Photography**.

Water samples were placed into individual appropriate laboratory prepared containers, capped head space free, and transported on ice under chain of custody to Envirotech Analytical Laboratory for the following analyses:

- Dissolved metals and total mercury per United States Environmental Protection Agency (EPA) Method 6010C and EPA Method 7470A;
- Volatile organic compounds (VOCs) per EPA Method 8260B;
- Semi-VOCs per EPA Method 8720C;
- Total dissolved solids (TDS) per Standard Method 2540C; and
- Anions per EPA Methods 6010C, 9056A, and 300.0.



Enterprise Field Services, LLC
Emergency Spill Response, Assessment & Closure Report
Tunk F, San Juan County, NM
Project #97057-1112
May 2020
Page 2

Laboratory Analytical Results

Laboratory analytical results were compared to the New Mexico Water Quality Control Commission's (WQCC) numerical standards for COCs provided in 20.6.2.3103 *New Mexico Administrative Code (NMAC)*. These standards and laboratory analytical results are summarized in the enclosed **Table 1, Summary of Surface Water Analytical Results** and laboratory reports are provided in **Appendix B, Laboratory Analytical Reports**.

Laboratory analysis for VOCs, semi-VOCs, dissolved metals, total mercury, and anions were below the applicable WQCC standards in all samples analyzed with the exception of TDS and sulfates. TDS ranged from 5,190 mg/kg in the up-gradient sample to 10,100 mg/kg in Source #1. Sulfates ranged from 3,400 mg/kg in the up-gradient sample to 6,660 mg/kg in Source #1. The elevated concentrations of TDS and sulfates in Source #1 are believed to be a result of the stagnant water in proximity of the source sample coupled with the accumulation of fungal and algae growth. The laboratory results are summarized in the analytical report identified as #P005021.

Release Monitoring and Closure – May 15, 2020

Enterprise notified NMOCD of a follow up sampling event that was scheduled for May 15, 2020, in correspondence dated May 14, 2020; see **Appendix C, Regulatory Correspondence**. Envirotech personnel collected surface water samples for laboratory analysis from the previously marked locations under the aforementioned protocol.

Laboratory Analytical Results

Laboratory analysis for VOCs, semi-VOCs, dissolved metals, total mercury, and anions were below the applicable WQCC standards in all samples analyzed with the exception of TDS and sulfates. TDS ranged from 4,950 mg/kg in the up-gradient sample to 8,630 mg/kg in Source #1. Sulfates ranged from 3,180 mg/kg in the down-gradient sample to 5,660 mg/kg in Source #1. The laboratory results used for release closure are summarized in the analytical report identified as #P005047.

Summary and Conclusions

On May 8, 2020 and May 15, 2020, Envirotech personnel completed emergency response, spill assessment, and confirmation sampling activities for a pipeline release consisting of hydrostatic test water that occurred in a marsh south of the San Juan River, near Blanco, San Juan County, New Mexico.



Enterprise Field Services, LLC
Emergency Spill Response, Assessment & Closure Report
Tunk F, San Juan County, NM
Project #97057-1112
May 2020
Page 3

Based on the final laboratory analytical results for VOCs; semi-VOCs; dissolved metals; and cation/anions, all COCs are below applicable WQCC standards. TDS and sulfates were found to be consistent with background levels investigated in proximity of the release area. Envirotech recommends requesting a *No Further Action* status from NMOCD regarding the subject release site.

Statement of Limitations

The work and services provided by Envirotech were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.

A handwritten signature in blue ink, appearing to read 'Brittany C. Hall', followed by the word 'for'.

Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

Reviewed by:

A handwritten signature in blue ink, appearing to read 'Felipe Aragon'.

Felipe Aragon, CHMM, CES
Environmental Assistant Manager
faragon@envirotech-inc.com

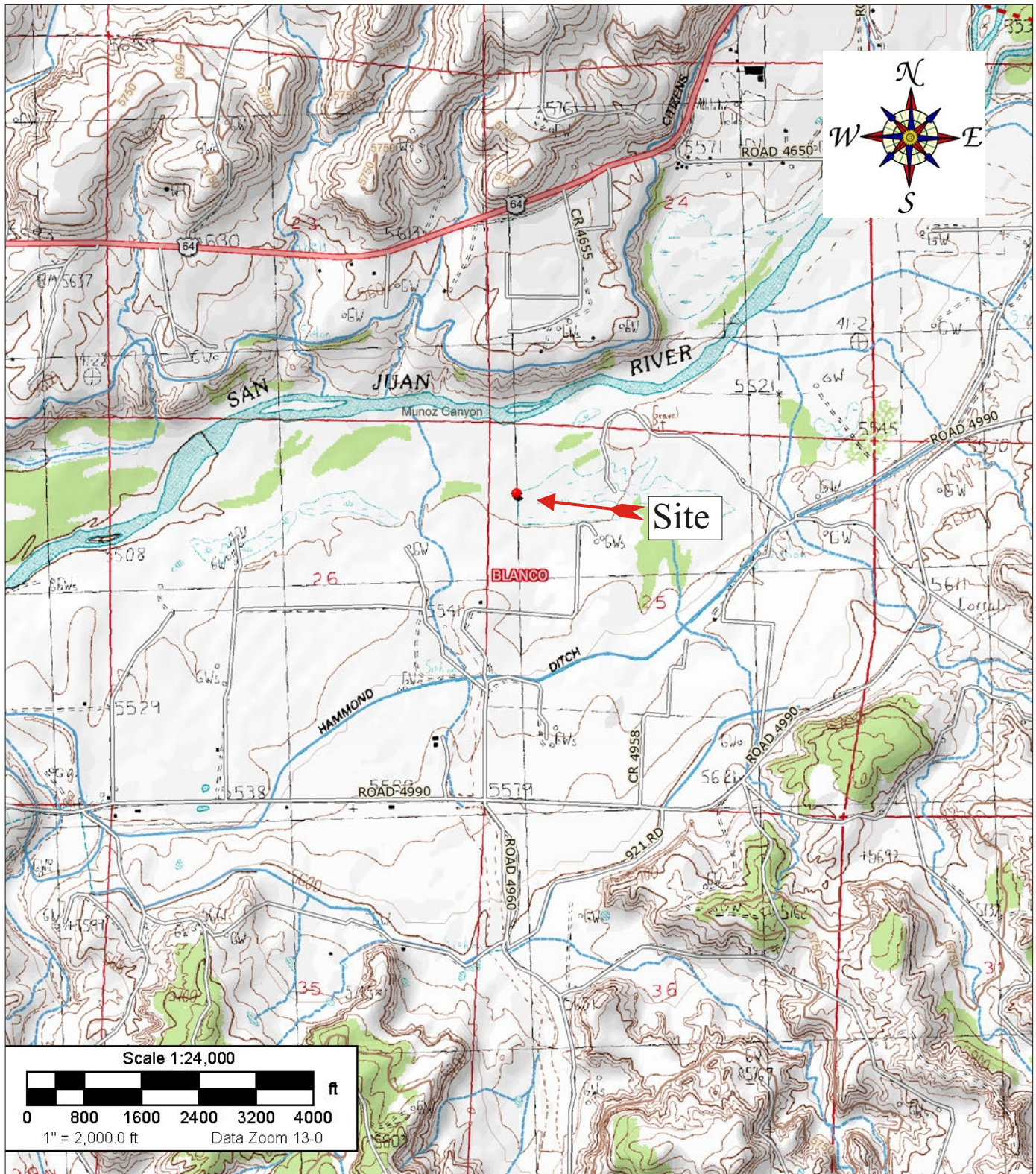
FIGURES

Figure 1, *Vicinity Map*

Figure 2, *Site Map*



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Source: 7.5 Minute, Blanco, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2,000

Enterprise Field Services, LLC
 Spill Assessment and Closure Report
 Trunk F Hydrostatic Test Release
 Section 25, Township 29N, Range 10W
 San Juan County, New Mexico
 Incident #nRM2013442282



5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

Vicinity Map

Figure #1

DRAWN BY:
 Brittany Hall

PROJECT MANAGER:
 Felipe Aragon



Figure 2, Site Map		 5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615 <table><tr><td>MAP DRAWN BY: BAH</td><td>DATE DRAWN: 6/5/2020</td></tr><tr><td>REVISIONS BY: BAH</td><td>DATE REVISED: 6/10/2020</td></tr><tr><td>APPROVED BY: NAME</td><td>DATE APPROVED: DATE</td></tr></table>		MAP DRAWN BY: BAH	DATE DRAWN: 6/5/2020	REVISIONS BY: BAH	DATE REVISED: 6/10/2020	APPROVED BY: NAME	DATE APPROVED: DATE	LEGEND - Sample Locations - Impacted Area Sample Point GPS Coordinates: Up Gradient: 36.70173, -107.84392 Source #1: 36.70180, -107.84390 Source #2: 36.70220, -107.84390 Down Gradient: 36.70220, -107.84410		1"= 145' 0 145	
MAP DRAWN BY: BAH	DATE DRAWN: 6/5/2020												
REVISIONS BY: BAH	DATE REVISED: 6/10/2020												
APPROVED BY: NAME	DATE APPROVED: DATE												
Enterprise Field Services, LLC Emergency Spill Response, Assessment, and Closure Report Trunk F Hydrostatic Test Release Section 25, Township 29N, Range 10W San Juan County, New Mexico Project #97057-1112 Incident #nRM2013442282													

TABLES

Table 1, *Summary of Surface Water
Analytical Results*



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Table 1, Summary of Surface Water Analytical Results
Enterprise Field Services, LLC
Trunk F Hydrostatic Test Release
Project #97057-1112
May 2020

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Sample Date	May 8, 2020				May 15, 2020			
	Sample Description								
	Pollutant Level	Source #1	Up Gradient	Source #2	Down Gradient	Source #1	Up Gradient	Source #2	Down Gradient
	mg/L								
Volatile Organic Compounds (VOC) EPA Method 8260B									
1,1,1-Trichloroethane	0.200	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	0.010	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.010	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethylene (TCE)	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	0.025	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethylene (Dichloroethene)	0.007	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	0.070	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane (EDB)	0.00005	<0.005	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2-Dichlorobenzene	0.600	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane (EDC)	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	0.075	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon tetrachloride	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.100	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
cis-1,2-Dichloroethene	0.070	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	0.7	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene Chloride	0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1-Methylnaphthalene	0.030	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene		<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Naphthalene		<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethylene/ethene (PERC)	0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	1.00	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.100	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Vinyl Chloride	0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-Butyl Ether (MTBE)	0.100	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	0.100	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (Total)	0.620	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Semi-Volatile Organic Compounds (SVOCs) EPA Method 8270C									
Benzo-a-pyrene	0.0002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Pentachlorophenol	0.001	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Phenol	0.005	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Metals and Total Mercury (EPA Method 6010C/7471B)									
Arsenic	0.01	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Barium	2.00	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Cadmium	0.005	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Chromium	0.050	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Total Mercury	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium	0.050	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Silver	0.050	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	1.00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TDS and Anions (EPA Method 300.0/9056A)									
Chloride	250	27.6	25.0	26.1	26.1	34.8	23.0	25.2	23.1
TDS	1,000	10,100	5,190	5,500	5,450	8,630	4,950	5,750	4,980
Sulfate	600	6,660	3,400	3,580	3,520	5,660	3,200	3,590	3,180
Nitrite	1.00	<2.50	<2.50	<2.50	<2.50	1.47	<1.25	<1.25	<1.25
Fluoride	1.60	<2.50	<2.50	<2.50	<2.50	3.55	1.52	1.55	1.48
Nitrate	10.0	<2.50	<2.50	<2.50	<2.50	1.42	<1.25	<1.25	<1.25

BOLD - above applicable regulatory standard; NA - Not Analyzed

APPENDIX A

Site Photography



Practical Solutions for a Better Tomorrow

SITE PHOTOGRAPHY
EMERGENCY SPILL RESPONSE, ASSESSMENT AND CLOSURE REPORT
ENTERPRISE FIELD SERVICES, LLC
TRUNK F HYDROSTATIC TEST RELEASE
PROJECT #97057-1112
MAY 2020

May 8, 2020



Picture 1: View of Source #1



Picture 2: View of Source #2

SITE PHOTOGRAPHY
EMERGENCY SPILL RESPONSE, ASSESSMENT AND CLOSURE REPORT
ENTERPRISE FIELD SERVICES, LLC
TRUNK F HYDROSTATIC TEST RELEASE
PROJECT #97057-1112
MAY 2020



Picture 3: View of Down Gradient



Picture 4: View of Up Gradient

APPENDIX B

Laboratory Analytical Results



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 5/8/2020

Job Number: 97057-1112

Work Order: P005021

Project Name/Location: Trunk F Hydro Static
Release

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 5/14/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/14/20 13:38

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Source #1	P005021-01A	Aqueous	05/08/20	05/08/20	Poly 500mL
	P005021-01B	Aqueous	05/08/20	05/08/20	Poly 250mL; HNO3
	P005021-01C	Aqueous	05/08/20	05/08/20	Amber Glass, 125mL
	P005021-01D	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-01E	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-01F	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
Up Gradient	P005021-02A	Aqueous	05/08/20	05/08/20	Poly 500mL
	P005021-02B	Aqueous	05/08/20	05/08/20	Poly 250mL; HNO3
	P005021-02C	Aqueous	05/08/20	05/08/20	Amber Glass, 125mL
	P005021-02D	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-02E	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-02F	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
Source #2	P005021-03A	Aqueous	05/08/20	05/08/20	Poly 500mL
	P005021-03B	Aqueous	05/08/20	05/08/20	Poly 250mL; HNO3
	P005021-03C	Aqueous	05/08/20	05/08/20	Amber Glass, 125mL
	P005021-03D	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-03E	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-03F	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
Down Gradient	P005021-04A	Aqueous	05/08/20	05/08/20	Poly 500mL
	P005021-04B	Aqueous	05/08/20	05/08/20	Poly 250mL; HNO3
	P005021-04C	Aqueous	05/08/20	05/08/20	Amber Glass, 125mL
	P005021-04D	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-04E	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
	P005021-04F	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL; HCl
Trip Blank	P005021-05A	Aqueous	05/08/20	05/08/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #1
P005021-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	10100	50.0	mg/L	1	2019018	05/09/20	05/10/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroform	ND	20.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Benzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Bromodichloromethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Toluene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #1
P005021-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromochloromethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Ethylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
p,m-Xylene	ND	4.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
o-Xylene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Total Xylenes	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2019029	05/09/20	05/09/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 93.0 % 70-130 2019029 05/09/20 05/09/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #1
P005021-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	105 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Bromofluorobenzene	99.6 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Calcium	356	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Magnesium	68.2	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Potassium	9.60	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Sodium	3210	100	mg/L	50	2019026	05/09/20	05/09/20	EPA 6010C	

Anions by 300.0/9056A

Fluoride	ND	2.50	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Chloride	27.6	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Nitrite-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:18	EPA 300.0/9056A	
Nitrate-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:18	EPA 300.0/9056A	
o-Phosphate-P	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:18	EPA 300.0/9056A	
Sulfate	6660	40.0	mg/L	20	2019027	05/09/20	05/09/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Source #1
P005021-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Up Gradient
P005021-02 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	5190	25.0	mg/L	1	2019018	05/09/20	05/10/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Up Gradient
P005021-02 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 95.7 % 70-130 2019029 05/09/20 05/09/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Up Gradient
P005021-02 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	105 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Bromofluorobenzene	101 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Calcium	253	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Magnesium	42.9	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Potassium	5.89	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Sodium	1460	100	mg/L	50	2019026	05/09/20	05/09/20	EPA 6010C	

Anions by 300.0/9056A

Fluoride	ND	2.50	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Chloride	25.0	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Nitrite-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:40	EPA 300.0/9056A	
Nitrate-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:40	EPA 300.0/9056A	
o-Phosphate-P	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 12:40	EPA 300.0/9056A	
Sulfate	3400	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

**Up Gradient
P005021-02 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #2
P005021-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	5500	25.0	mg/L	1	2019018	05/09/20	05/10/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #2
P005021-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 98.5 % 70-130 2019029 05/09/20 05/09/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #2
P005021-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	105 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Bromofluorobenzene	101 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Calcium	264	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Magnesium	46.6	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Potassium	6.98	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Sodium	1590	100	mg/L	50	2019026	05/09/20	05/09/20	EPA 6010C	

Anions by 300.0/9056A

Fluoride	ND	2.50	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Chloride	26.1	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Nitrite-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:01	EPA 300.0/9056A	
Nitrate-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:01	EPA 300.0/9056A	
o-Phosphate-P	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:01	EPA 300.0/9056A	
Sulfate	3580	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Source #2
P005021-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A	
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A	
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Down Gradient
P005021-04 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	5450	25.0	mg/L	1	2019018	05/09/20	05/10/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Down Gradient
P005021-04 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 99.3 % 70-130 2019029 05/09/20 05/09/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

**Down Gradient
P005021-04 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	103 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Bromofluorobenzene	101 %	70-130			2019029	05/09/20	05/09/20	EPA 8260B	

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Calcium	261	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Magnesium	45.6	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Potassium	6.60	1.00	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2019026	05/09/20	05/09/20	EPA 6010C	
Sodium	1570	100	mg/L	50	2019026	05/09/20	05/09/20	EPA 6010C	

Anions by 300.0/9056A

Fluoride	ND	2.50	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Chloride	26.1	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	
Nitrite-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:44	EPA 300.0/9056A	
Nitrate-N	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:44	EPA 300.0/9056A	
o-Phosphate-P	ND	2.50	mg/L	10	2019027	05/09/20 08:55	05/09/20 13:44	EPA 300.0/9056A	
Sulfate	3530	20.0	mg/L	10	2019027	05/09/20	05/09/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

**Down Gradient
P005021-04 (Water)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2019025	05/09/20	05/09/20	EPA 7470A
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Trip Blank
P005021-05 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Trip Blank
P005021-05 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Dibromochloromethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.5 %		70-130	2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Toluene-d8		104 %		70-130	2019029	05/09/20	05/09/20	EPA 8260B	
Surrogate: Bromofluorobenzene		96.1 %		70-130	2019029	05/09/20	05/09/20	EPA 8260B	

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/14/20 13:38

Wet Chem/Gravimetric - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019018 - Wet Chemistry Preparation

Blank (2019018-BLK1)

Prepared: 05/07/20 1 Analyzed: 05/10/20 2

Total Dissolved Solids	ND	10.0	mg/L
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LCS (2019018-BS1)

Prepared: 05/07/20 1 Analyzed: 05/10/20 2

Total Dissolved Solids	78.0	10.0	mg/L	100	78.0	55-134
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LCS Dup (2019018-BSD1)

Prepared: 05/07/20 1 Analyzed: 05/10/20 2

Total Dissolved Solids	79.0	10.0	mg/L	100	79.0	55-134	1.27	5
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019029 - Purge and Trap EPA 5030A

Blank (2019029-BLK1)

Prepared & Analyzed: 05/09/20 1

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L
Chloromethane	ND	5.00	"
Vinyl chloride	ND	1.00	"
Bromomethane	ND	10.0	"
Chloroethane	ND	5.00	"
Trichlorofluoromethane (Freon-11)	ND	5.00	"
1,1-Dichloroethene	ND	1.00	"
Acetone	ND	50.0	"
Methylene Chloride	ND	5.00	"
Methyl tert-Butyl Ether (MTBE)	ND	1.00	"
trans-1,2-Dichloroethene	ND	2.00	"
Diisopropyl Ether (DIPE)	ND	1.00	"
1,1-Dichloroethane	ND	1.00	"
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	"
2-Butanone (MEK)	ND	20.0	"
cis-1,2-Dichloroethene	ND	1.00	"
2,2-Dichloropropane	ND	1.00	"
Bromochloromethane	ND	1.00	"
Chloroform	ND	10.0	"
1,1,1-Trichloroethane	ND	1.00	"
Carbon Tetrachloride	ND	1.00	"
1,1-Dichloropropene	ND	1.00	"
tert-Amyl Methyl ether (TAME)	ND	1.00	"
Benzene	ND	1.00	"
1,2-Dichloroethane	ND	1.00	"
Trichloroethene	ND	1.00	"
1,2-Dichloropropane	ND	1.00	"
Dibromomethane	ND	1.00	"
Bromodichloromethane	ND	1.00	"
cis-1,3-Dichloropropene	ND	1.00	"
4-Methyl-2-pentanone (MIBK)	ND	20.0	"
Toluene	ND	1.00	"
trans-1,3-Dichloropropene	ND	1.00	"
1,1,2-Trichloroethane	ND	1.00	"
Tetrachloroethene	ND	1.00	"
2-Hexanone	ND	20.0	"
1,3-Dichloropropane	ND	1.00	"
Dibromochloromethane	ND	1.00	"
1,2-Dibromoethane (EDB)	ND	2.50	"
Chlorobenzene	ND	1.00	"
Ethylbenzene	ND	1.00	"
1,1,1,2-Tetrachloroethane	ND	1.00	"
p,m-Xylene	ND	2.00	"
o-Xylene	ND	1.00	"
Total Xylenes	ND	1.00	"
Styrene	ND	1.00	"
Bromoform	ND	2.00	"
Isopropylbenzene	ND	1.00	"
1,1,2,2-Tetrachloroethane	ND	1.00	"
Bromobenzene	ND	1.00	"
n-Propyl Benzene	ND	1.00	"

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019029 - Purge and Trap EPA 5030A

Blank (2019029-BLK1)

Prepared & Analyzed: 05/09/20 1

1,2,3-Trichloropropane	ND	2.50	ug/L							
2-Chlorotoluene	ND	1.00	"							
1,3,5-Trimethylbenzene	ND	1.00	"							
4-Chlorotoluene	ND	1.00	"							
tert-Butylbenzene	ND	1.00	"							
1,2,4-Trimethylbenzene	ND	1.00	"							
sec-Butylbenzene	ND	1.00	"							
4-Isopropyltoluene	ND	1.00	"							
1,3-Dichlorobenzene	ND	1.00	"							
1,4-Dichlorobenzene	ND	1.00	"							
n-Butyl Benzene	ND	1.00	"							
1,2-Dichlorobenzene	ND	1.00	"							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	"							
1,2,4-Trichlorobenzene	ND	5.00	"							
Hexachlorobutadiene	ND	5.00	"							
Naphthalene	ND	5.00	"							
1,2,3-Trichlorobenzene	ND	5.00	"							
2-Methylnaphthalene	ND	10.0	"							
1-Methylnaphthalene	ND	10.0	"							
Surrogate: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	70-130			
Surrogate: Toluene-d8	10.5		"	10.0		105	70-130			
Surrogate: Bromofluorobenzene	9.84		"	10.0		98.4	70-130			

LCS (2019029-BS1)

Prepared & Analyzed: 05/09/20 1

Vinyl chloride	50.9	1.00	ug/L	50.0		102	80-120			
1,1-Dichloroethene	50.3	1.00	"	50.0		101	80-120			
Methylene Chloride	48.5	5.00	"	50.0		97.0	70-130			
Methyl tert-Butyl Ether (MTBE)	49.0	1.00	"	50.0		98.0	70-130			
Diisopropyl Ether (DIPE)	49.9	1.00	"	50.0		99.8	65-135			
Bromochloromethane	47.6	1.00	"	50.0		95.2	70-130			
1,1,1-Trichloroethane	48.0	1.00	"	50.0		96.0	70-130			
Benzene	47.8	1.00	"	50.0		95.5	70-130			
Trichloroethene	48.9	1.00	"	50.0		97.8	70-130			
1,2-Dichloropropane	53.8	1.00	"	50.0		108	80-120			
4-Methyl-2-pentanone (MIBK)	120	20.0	"	100		120	50-160			
Toluene	52.7	1.00	"	50.0		105	80-120			
1,1,2-Trichloroethane	54.5	1.00	"	50.0		109	70-130			
Tetrachloroethene	47.2	1.00	"	50.0		94.4	70-130			
Chlorobenzene	52.5	1.00	"	50.0		105	70-130			
Ethylbenzene	54.1	1.00	"	50.0		108	80-120			
1,1,1,2-Tetrachloroethane	49.6	1.00	"	50.0		99.1	70-130			
p,m-Xylene	105	2.00	"	100		105	70-130			
o-Xylene	52.4	1.00	"	50.0		105	70-130			
Total Xylenes	158	1.00	"	150		105	0-200			
n-Propyl Benzene	53.3	1.00	"	50.0		107	70-130			
tert-Butylbenzene	53.6	1.00	"	50.0		107	70-130			
1,4-Dichlorobenzene	53.8	1.00	"	50.0		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	55.6	5.00	"	50.0		111	65-135			
1,2,3-Trichlorobenzene	45.8	5.00	"	50.0		91.7	70-140			

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019029 - Purge and Trap EPA 5030A

LCS (2019029-BS1)

Prepared & Analyzed: 05/09/20 1

Surrogate: 1,2-Dichloroethane-d4	10.3		ug/L	10.0		103	70-130			
Surrogate: Toluene-d8	10.6		"	10.0		106	70-130			
Surrogate: Bromofluorobenzene	10.2		"	10.0		102	70-130			

Matrix Spike (2019029-MS1)

Source: P005021-02

Prepared & Analyzed: 05/09/20 1

Vinyl chloride	244	5.00	ug/L	250	ND	97.7	44-143			
1,1-Dichloroethene	243	5.00	"	250	ND	97.2	49-144			
Methylene Chloride	236	25.0	"	250	ND	94.4	60-140			
Methyl tert-Butyl Ether (MTBE)	237	5.00	"	250	ND	95.0	61-136			
Diisopropyl Ether (DIPE)	243	5.00	"	250	ND	97.1	60-140			
Bromochloromethane	230	5.00	"	250	ND	92.1	65-135			
1,1,1-Trichloroethane	228	5.00	"	250	ND	91.2	58-134			
Benzene	232	5.00	"	250	ND	92.7	59-133			
Trichloroethene	232	5.00	"	250	ND	92.8	49-148			
1,2-Dichloropropane	256	5.00	"	250	ND	102	35-135			
4-Methyl-2-pentanone (MIBK)	474	100	"	500	ND	94.7	40-170			
Toluene	251	5.00	"	250	ND	100	67-130			
1,1,2-Trichloroethane	257	5.00	"	250	ND	103	65-135			
Tetrachloroethene	223	5.00	"	250	ND	89.0	57-141			
Chlorobenzene	248	5.00	"	250	ND	99.2	70-130			
Ethylbenzene	257	5.00	"	250	ND	103	62-136			
1,1,1,2-Tetrachloroethane	234	5.00	"	250	ND	93.5	70-132			
p,m-Xylene	502	10.0	"	500	ND	100	65-135			
o-Xylene	251	5.00	"	250	ND	101	70-130			
Total Xylenes	753	5.00	"	750	ND	100	0-200			
n-Propyl Benzene	256	5.00	"	250	ND	102	63-139			
tert-Butylbenzene	257	5.00	"	250	ND	103	67-138			
1,4-Dichlorobenzene	250	5.00	"	250	ND	99.9	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	245	25.0	"	250	ND	98.1	60-160			
1,2,3-Trichlorobenzene	214	25.0	"	250	ND	85.4	60-160			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	70-130			
Surrogate: Toluene-d8	52.9		"	50.0		106	70-130			
Surrogate: Bromofluorobenzene	51.3		"	50.0		103	70-130			

Matrix Spike Dup (2019029-MSD1)

Source: P005021-02

Prepared & Analyzed: 05/09/20 1

Vinyl chloride	255	5.00	ug/L	250	ND	102	44-143	4.41	30	
1,1-Dichloroethene	257	5.00	"	250	ND	103	49-144	5.50	20	
Methylene Chloride	245	25.0	"	250	ND	98.1	60-140	3.86	20	
Methyl tert-Butyl Ether (MTBE)	249	5.00	"	250	ND	99.7	61-136	4.85	20	
Diisopropyl Ether (DIPE)	255	5.00	"	250	ND	102	60-140	4.86	20	
Bromochloromethane	239	5.00	"	250	ND	95.4	65-135	3.56	20	
1,1,1-Trichloroethane	246	5.00	"	250	ND	98.4	58-134	7.57	20	
Benzene	246	5.00	"	250	ND	98.5	59-133	6.06	20	
Trichloroethene	247	5.00	"	250	ND	98.9	49-148	6.32	20	
1,2-Dichloropropane	272	5.00	"	250	ND	109	35-135	6.21	20	
4-Methyl-2-pentanone (MIBK)	544	100	"	500	ND	109	40-170	13.8	30	
Toluene	266	5.00	"	250	ND	106	67-130	5.69	20	
1,1,2-Trichloroethane	270	5.00	"	250	ND	108	65-135	4.93	20	
Tetrachloroethene	237	5.00	"	250	ND	95.0	57-141	6.48	20	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019029 - Purge and Trap EPA 5030A

Matrix Spike Dup (2019029-MSD1)	Source: P005021-02			Prepared & Analyzed: 05/09/20 1						
Chlorobenzene	264	5.00	ug/L	250	ND	105	70-130	6.04	20	
Ethylbenzene	273	5.00	"	250	ND	109	62-136	6.17	20	
1,1,1,2-Tetrachloroethane	253	5.00	"	250	ND	101	70-132	8.07	20	
p,m-Xylene	535	10.0	"	500	ND	107	65-135	6.40	20	
o-Xylene	266	5.00	"	250	ND	106	70-130	5.55	20	
Total Xylenes	801	5.00	"	750	ND	107	0-200	6.12	200	
n-Propyl Benzene	271	5.00	"	250	ND	108	63-139	5.79	20	
tert-Butylbenzene	275	5.00	"	250	ND	110	67-138	6.87	20	
1,4-Dichlorobenzene	271	5.00	"	250	ND	108	70-130	8.12	20	
1,2-Dibromo-3-chloropropane (DBCP)	282	25.0	"	250	ND	113	60-160	13.9	30	
1,2,3-Trichlorobenzene	232	25.0	"	250	ND	93.0	60-160	8.48	20	
Surrogate: 1,2-Dichloroethane-d4	53.0		"	50.0		106	70-130			
Surrogate: Toluene-d8	52.4		"	50.0		105	70-130			
Surrogate: Bromofluorobenzene	51.5		"	50.0		103	70-130			

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/14/20 13:38

Dissolved Metals by 6010 - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019026 - Metals Water Hotblock Digestion EPA 3010A/200.2**Blank (2019026-BLK1)**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Arsenic	ND	0.0200	mg/L
Barium	ND	0.250	"
Cadmium	ND	0.0100	"
Calcium	ND	1.00	"
Chromium	ND	0.0200	"
Iron	ND	2.00	"
Lead	ND	0.0100	"
Magnesium	ND	1.00	"
Potassium	ND	1.00	"
Selenium	ND	0.0500	"
Silver	ND	0.0100	"
Sodium	ND	2.00	"

LCS (2019026-BS1)

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Arsenic	0.507	0.0200	mg/L	0.500	101	80-120
Barium	13.0	0.250	"	12.5	104	80-120
Cadmium	0.253	0.0100	"	0.250	101	80-120
Calcium	51.7	1.00	"	50.0	103	80-120
Chromium	1.02	0.0200	"	1.00	102	80-120
Iron	104	2.00	"	100	104	80-120
Lead	0.261	0.0100	"	0.250	105	80-120
Magnesium	51.8	1.00	"	50.0	104	80-120
Potassium	5.15	1.00	"	5.00	103	80-120
Selenium	1.24	0.0500	"	1.25	98.8	80-120
Silver	0.101	0.0100	"	0.100	101	80-120
Sodium	18.7	2.00	"	20.0	93.6	80-120

Matrix Spike (2019026-MS1)

Source: P005020-01

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Arsenic	0.532	0.0200	mg/L	0.500	ND	106	75-125
Barium	13.5	0.250	"	12.5	ND	108	75-125
Cadmium	0.248	0.0100	"	0.250	ND	99.3	75-125
Calcium	106	1.00	"	50.0	51.1	109	75-125
Chromium	1.02	0.0200	"	1.00	ND	102	75-125
Iron	111	2.00	"	100	ND	111	75-125
Lead	0.261	0.0100	"	0.250	ND	104	75-125
Magnesium	59.8	1.00	"	50.0	7.24	105	75-125
Potassium	11.2	1.00	"	5.00	5.19	121	75-125
Selenium	1.28	0.0500	"	1.25	ND	102	75-125
Silver	0.106	0.0100	"	0.100	ND	106	75-125
Sodium	58.7	2.00	"	20.0	35.8	115	75-125

Matrix Spike Dup (2019026-MSD1)

Source: P005020-01

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Arsenic	0.530	0.0200	mg/L	0.500	ND	106	75-125	0.358	20
Barium	13.3	0.250	"	12.5	ND	107	75-125	1.56	20
Cadmium	0.240	0.0100	"	0.250	ND	96.2	75-125	3.23	20
Calcium	103	1.00	"	50.0	51.1	104	75-125	2.50	20
Chromium	1.00	0.0200	"	1.00	ND	100	75-125	2.17	20
Iron	109	2.00	"	100	ND	109	75-125	2.27	20
Lead	0.255	0.0100	"	0.250	ND	102	75-125	2.21	20
Magnesium	59.6	1.00	"	50.0	7.24	105	75-125	0.201	20
Potassium	11.3	1.00	"	5.00	5.19	121	75-125	0.356	20

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/14/20 13:38

Dissolved Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019026 - Metals Water Hotblock Digestion EPA 3010A/200.2

Matrix Spike Dup (2019026-MSD1)

Source: P005020-01

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Selenium	1.26	0.0500	mg/L	1.25	ND	101	75-125	1.34	20	
Silver	0.105	0.0100	"	0.100	ND	105	75-125	0.284	20	
Sodium	59.2	2.00	"	20.0	35.8	117	75-125	0.712	20	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Anions by 300.0/9056A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019027 - Anion Extraction EPA 300.0/9056A**Blank (2019027-BLK1)**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Fluoride	ND	0.250	mg/L
Chloride	ND	2.00	"
Nitrite-N	ND	0.250	"
Nitrate-N	ND	0.250	"
o-Phosphate-P	ND	0.250	"
Sulfate	ND	2.00	"

LCS (2019027-BS1)

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Fluoride	2.61	0.250	mg/L	2.50	104	90-110
Chloride	25.2	2.00	"	25.0	101	90-110
Nitrite-N	2.44	0.250	"	2.50	97.7	90-110
Nitrate-N	2.66	0.250	"	2.50	106	90-110
o-Phosphate-P	12.5	0.250	"	12.5	99.9	90-110
Sulfate	25.2	2.00	"	25.0	101	90-110

Matrix Spike (2019027-MS1)

Source: P005020-01

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Fluoride	3.10	0.250	mg/L	2.50	0.290	113	80-120
Chloride	45.2	2.00	"	25.0	21.0	96.9	80-120
Nitrite-N	2.46	0.250	"	2.50	ND	98.2	80-120
Nitrate-N	2.90	0.250	"	2.50	ND	116	80-120
o-Phosphate-P	12.7	0.250	"	12.5	ND	102	80-120
Sulfate	109	2.00	"	25.0	87.8	83.5	80-120

Matrix Spike Dup (2019027-MSD1)

Source: P005020-01

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Fluoride	3.12	0.250	mg/L	2.50	0.290	113	80-120	0.610	20
Chloride	45.4	2.00	"	25.0	21.0	97.8	80-120	0.541	20
Nitrite-N	2.48	0.250	"	2.50	ND	99.2	80-120	1.01	20
Nitrate-N	2.92	0.250	"	2.50	ND	117	80-120	0.447	20
o-Phosphate-P	12.8	0.250	"	12.5	ND	102	80-120	0.540	20
Sulfate	109	2.00	"	25.0	87.8	86.6	80-120	0.717	20

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Total Mercury by EPA 7470A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019025 - Mercury Water Digestion KMNO4**Blank (2019025-BLK1)**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	ND	0.200	ug/L
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LCS (2019025-BS1)

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	2.18	0.200	ug/L	2.00	109	80-120
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Matrix Spike (2019025-MS1)**Source: P005020-01**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	5.77	0.200	ug/L	2.00	3.34	122	75-125
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Matrix Spike Dup (2019025-MSD1)**Source: P005020-01**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	3.88	0.200	ug/L	2.00	3.34	27.2	75-125	39.1	20	M2, R3
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/14/20 13:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Dissolved Mercury by 7470A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2019025 - Mercury Water Digestion KMNO4**Blank (2019025-BLK1)**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	ND	0.200	ug/L
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LCS (2019025-BS1)

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	2.18	0.200	ug/L	2.00	109	80-120
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Matrix Spike (2019025-MS1)**Source: P005020-01**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	5.77	0.200	ug/L	2.00	3.34	122	75-125
---------	------	-------	------	------	------	-----	--------

Matrix Spike Dup (2019025-MSD1)**Source: P005020-01**

Prepared: 05/09/20 0 Analyzed: 05/09/20 1

Mercury	3.88	0.200	ug/L	2.00	3.34	27.2	75-125	39.1	20	M2, R3
---------	------	-------	------	------	------	------	--------	------	----	--------

QC Summary Report**Comment:**

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/14/20 13:38

Notes and Definitions

- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- ** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Returned to Imaging: 7/26/2022 8:14:04 AM

Received by OCD: 10/20/2020 6:54:36 AM

Project Information

Chain of Custody

Client: Enterprise Products		Bill To	Attention:		Lab Use Only		TAT		EPA Program									
Project: Trunk F Hydro Static release			Address:		Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA							
Project Manager: Felipe Aragon			City, State, Zip		P005721	97057-	X		X									
Address:			Phone:		Analysis and Method							State						
City, State, Zip			Email:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Dissolved Metals	Total Hg	8270	Cation/ Anion	NM	CO	UT	AZ
Phone:														X				
Email: Isaac, Felipe, Brittany, Tami														TX	OK			
Report due by:																		

2020-05-14 10:04 AM

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO	GRO/DRO	BTEX by	VOC by	Metals &	Chloride	Dissolve	Total Hg	8270	Catio/ An		Remarks
14:29	5/8/2020	A	6	Source #1	1				X			X	X	X	X	X	
14:36	5/8/2020	A	6	Up Gradient	2				X			X	X	X	X	X	
14:49	5/8/2020	A	6	Source #2	3				X			X	X	X	X	X	
15:02	5/8/2020	A	6	Down Gradient	4				X			X	X	X	X	X	
				Trip Blank	5				X								

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Isaac Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	5/8/20	16:43	<u>Rain Lopez</u>	5/8/20	16:44	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Page 1 of 1

Client: Enterprise Products					Bill To Attention: Address: City, State, Zip Phone: Email:		Lab Use Only								TAT		EPA Program					
Project: Trunk F Hydro Static release							Lab WO# P005021		Job Number 97057-		1D 3D		RCRA		CWA		SDWA					
Project Manager: Felipe Aragon											X		X									
Address:							Analysis and Method												State			
City, State, Zip																			NM CO UT AZ			
Phone:																	TX OK					
Email: Isaac, Felipe, Brittany, Tami																						
Report due by:																						
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Dissolved Metals	Total Hg	8270	Cat/Anion	TDS	Remarks					
14:29	5/8/2020	A	6	Source #1	1				X			X	X	X	X	X	per T knight					
14:36	5/8/2020	A	6	Up Gradient	2				X			X	X	X	X	X	5/8/2020					
14:49	5/8/2020	A	6	Source #2	3				X			X	X	X	X	X						
15:02	5/8/2020	A	6	Down Gradient	4				X			X	X	X	X	X						
				Trip Blank	5				X													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Isaac Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	5/8/20	16:43	<u>Rain Lopez</u>	5/8/20	16:44	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

[illegible]

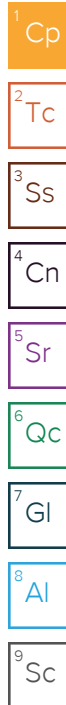


ANALYTICAL REPORT

May 13, 2020

EnviroTech- NM

Sample Delivery Group: L1217293
Samples Received: 05/12/2020
Project Number: 97057
Description: Trunk F Hydro Static Release
Site: P005021
Report To: Irene Yazzie
5796 US. Highway 64
Farmington, NM 87401

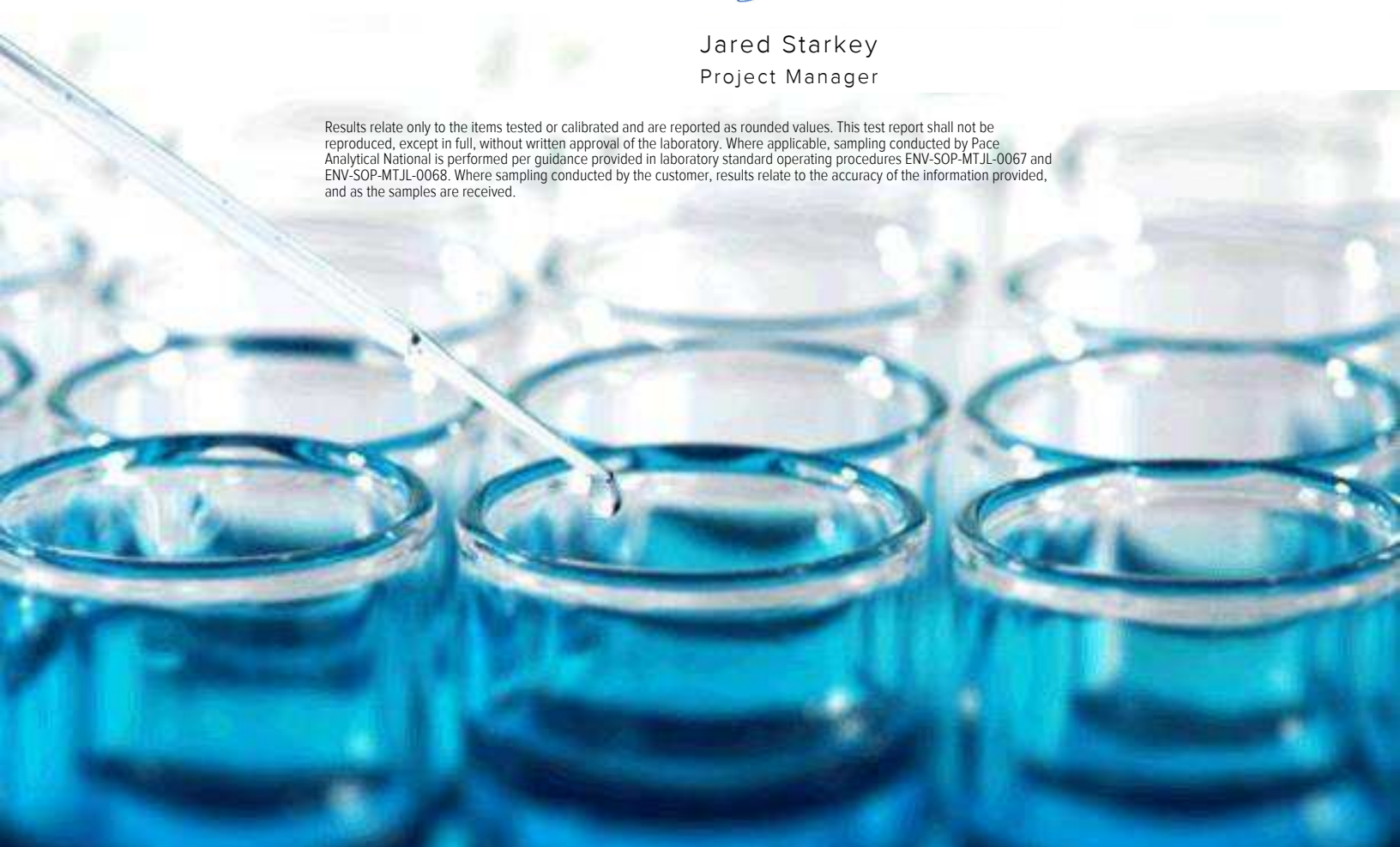


Entire Report Reviewed By:

A blue ink signature of Jared Starkey.

Jared Starkey
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.



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
SOURCE #1 L1217293-01	5	
UP GRADIENT L1217293-02	7	⁴ Cn
SOURCE #2 L1217293-03	9	⁵ Sr
DOWN GRADIENT L1217293-04	11	
Qc: Quality Control Summary	13	⁶ Qc
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	13	
Gl: Glossary of Terms	17	⁷ Gl
Al: Accreditations & Locations	18	⁸ Al
Sc: Sample Chain of Custody	19	⁹ Sc

SOURCE #1 L1217293-01 GW

				Collected by I. Garcia	Collected date/time 05/08/20 14:29	Received date/time 05/12/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1474049	1	05/12/20 15:52	05/13/20 05:25	SHG	Mt. Juliet, TN

¹Cp²Tc³Ss

UP GRADIENT L1217293-02 GW

				Collected by I. Garcia	Collected date/time 05/08/20 14:36	Received date/time 05/12/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1474049	1	05/12/20 15:52	05/13/20 03:14	SHG	Mt. Juliet, TN

⁴Cn⁵Sr⁶Qc

SOURCE #2 L1217293-03 GW

				Collected by I. Garcia	Collected date/time 05/08/20 14:49	Received date/time 05/12/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1474049	1	05/12/20 15:52	05/13/20 03:35	SHG	Mt. Juliet, TN

⁷Gl⁸Al

DOWN GRADIENT L1217293-04 GW

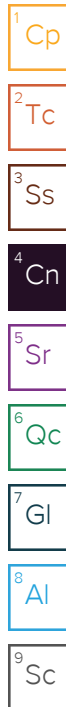
				Collected by I. Garcia	Collected date/time 05/08/20 15:02	Received date/time 05/12/20 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1474049	1	05/12/20 15:52	05/13/20 03:55	SHG	Mt. Juliet, TN

⁹Sc

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.



Jared Starkey
Project Manager



Collected date/time: 05/08/20 14:29

L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND	J3	0.00100	1	05/13/2020 05:25	WG1474049	¹ Cp
Acenaphthylene	ND	J3	0.00100	1	05/13/2020 05:25	WG1474049	² Tc
Anthracene	ND	J3	0.00100	1	05/13/2020 05:25	WG1474049	³ Ss
Benzidine	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/13/2020 05:25	WG1474049	⁵ Sr
Benzo(b)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 05:25	WG1474049	⁶ Qc
Benzo(k)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 05:25	WG1474049	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/13/2020 05:25	WG1474049	⁸ Al
Benzo(a)pyrene	ND	J3	0.000200	1	05/13/2020 05:25	WG1474049	⁹ Sc
Bis(2-chloroethoxy)methane	ND		0.0100	1	05/13/2020 05:25	WG1474049	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/13/2020 05:25	WG1474049	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/13/2020 05:25	WG1474049	
4-Bromophenyl-phenylether	ND		0.0100	1	05/13/2020 05:25	WG1474049	
2-Chloronaphthalene	ND		0.00100	1	05/13/2020 05:25	WG1474049	
4-Chlorophenyl-phenylether	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
Chrysene	ND	J3 J4	0.00100	1	05/13/2020 05:25	WG1474049	
Dibenz(a,h)anthracene	ND		0.000200	1	05/13/2020 05:25	WG1474049	
1,2-Dichlorobenzene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
1,3-Dichlorobenzene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
1,4-Dichlorobenzene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
3,3-Dichlorobenzidine	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
2,4-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 05:25	WG1474049	
2,6-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 05:25	WG1474049	
Fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 05:25	WG1474049	
Fluorene	ND	J3 J4	0.00100	1	05/13/2020 05:25	WG1474049	
Hexachlorobenzene	ND		0.00100	1	05/13/2020 05:25	WG1474049	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
Hexachlorocyclopentadiene	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
Hexachloroethane	ND		0.0100	1	05/13/2020 05:25	WG1474049	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/13/2020 05:25	WG1474049	
Isophorone	ND		0.0100	1	05/13/2020 05:25	WG1474049	
Naphthalene	ND		0.00100	1	05/13/2020 05:25	WG1474049	
Nitrobenzene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
n-Nitrosodimethylamine	ND		0.0100	1	05/13/2020 05:25	WG1474049	
n-Nitrosodiphenylamine	ND	J4	0.0100	1	05/13/2020 05:25	WG1474049	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/13/2020 05:25	WG1474049	
Phenanthrene	ND	J4	0.00100	1	05/13/2020 05:25	WG1474049	
Benzylbutyl phthalate	ND		0.00300	1	05/13/2020 05:25	WG1474049	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/13/2020 05:25	WG1474049	
Di-n-butyl phthalate	ND		0.00300	1	05/13/2020 05:25	WG1474049	
Diethyl phthalate	ND	J3 J4	0.00300	1	05/13/2020 05:25	WG1474049	
Dimethyl phthalate	ND	J4	0.00300	1	05/13/2020 05:25	WG1474049	
Di-n-octyl phthalate	ND		0.00300	1	05/13/2020 05:25	WG1474049	
Pyrene	ND	J4	0.00100	1	05/13/2020 05:25	WG1474049	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/13/2020 05:25	WG1474049	
4-Chloro-3-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 05:25	WG1474049	
2-Chlorophenol	ND		0.0100	1	05/13/2020 05:25	WG1474049	
2,4-Dichlorophenol	ND		0.0100	1	05/13/2020 05:25	WG1474049	
2,4-Dimethylphenol	ND		0.0100	1	05/13/2020 05:25	WG1474049	
4,6-Dinitro-2-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 05:25	WG1474049	
2,4-Dinitrophenol	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
2-Nitrophenol	ND		0.0100	1	05/13/2020 05:25	WG1474049	
4-Nitrophenol	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
Pentachlorophenol	ND	J3	0.0100	1	05/13/2020 05:25	WG1474049	
Phenol	ND		0.0100	1	05/13/2020 05:25	WG1474049	
2,4,6-Trichlorophenol	ND	J4	0.0100	1	05/13/2020 05:25	WG1474049	

Collected date/time: 05/08/20 14:29

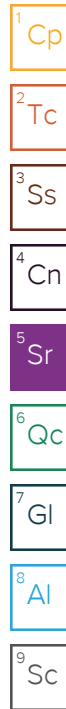
L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	29.8		10.0-120		05/13/2020 05:25	WG1474049
(S) Phenol-d5	19.5		10.0-120		05/13/2020 05:25	WG1474049
(S) Nitrobenzene-d5	41.5		10.0-127		05/13/2020 05:25	WG1474049
(S) 2-Fluorobiphenyl	51.8		10.0-130		05/13/2020 05:25	WG1474049
(S) 2,4,6-Tribromophenol	41.2		10.0-155		05/13/2020 05:25	WG1474049
(S) p-Terphenyl-d14	47.8		10.0-128		05/13/2020 05:25	WG1474049

Sample Narrative:

L1217293-01 WG1474049: Insufficient sample volume for additional analysis



Collected date/time: 05/08/20 14:36

L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND	J3	0.00100	1	05/13/2020 03:14	WG1474049	¹ Cp
Acenaphthylene	ND	J3	0.00100	1	05/13/2020 03:14	WG1474049	² Tc
Anthracene	ND	J3	0.00100	1	05/13/2020 03:14	WG1474049	³ Ss
Benzidine	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/13/2020 03:14	WG1474049	⁵ Sr
Benzo(b)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:14	WG1474049	⁶ Qc
Benzo(k)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:14	WG1474049	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/13/2020 03:14	WG1474049	⁸ Al
Benzo(a)pyrene	ND	J3	0.000200	1	05/13/2020 03:14	WG1474049	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/13/2020 03:14	WG1474049	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/13/2020 03:14	WG1474049	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/13/2020 03:14	WG1474049	
4-Bromophenyl-phenylether	ND		0.0100	1	05/13/2020 03:14	WG1474049	
2-Chloronaphthalene	ND		0.00100	1	05/13/2020 03:14	WG1474049	
4-Chlorophenyl-phenylether	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
Chrysene	ND	J3 J4	0.00100	1	05/13/2020 03:14	WG1474049	
Dibenz(a,h)anthracene	ND		0.000200	1	05/13/2020 03:14	WG1474049	
1,2-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
1,3-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
1,4-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
3,3-Dichlorobenzidine	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
2,4-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:14	WG1474049	
2,6-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:14	WG1474049	
Fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:14	WG1474049	
Fluorene	ND	J3 J4	0.00100	1	05/13/2020 03:14	WG1474049	
Hexachlorobenzene	ND		0.00100	1	05/13/2020 03:14	WG1474049	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
Hexachlorocyclopentadiene	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
Hexachloroethane	ND		0.0100	1	05/13/2020 03:14	WG1474049	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/13/2020 03:14	WG1474049	
Isophorone	ND		0.0100	1	05/13/2020 03:14	WG1474049	
Naphthalene	ND		0.00100	1	05/13/2020 03:14	WG1474049	
Nitrobenzene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
n-Nitrosodimethylamine	ND		0.0100	1	05/13/2020 03:14	WG1474049	
n-Nitrosodiphenylamine	ND	J4	0.0100	1	05/13/2020 03:14	WG1474049	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/13/2020 03:14	WG1474049	
Phenanthrene	ND	J4	0.00100	1	05/13/2020 03:14	WG1474049	
Benzylbutyl phthalate	ND		0.00300	1	05/13/2020 03:14	WG1474049	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/13/2020 03:14	WG1474049	
Di-n-butyl phthalate	ND		0.00300	1	05/13/2020 03:14	WG1474049	
Diethyl phthalate	ND	J3 J4	0.00300	1	05/13/2020 03:14	WG1474049	
Dimethyl phthalate	ND	J4	0.00300	1	05/13/2020 03:14	WG1474049	
Di-n-octyl phthalate	ND		0.00300	1	05/13/2020 03:14	WG1474049	
Pyrene	ND	J4	0.00100	1	05/13/2020 03:14	WG1474049	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/13/2020 03:14	WG1474049	
4-Chloro-3-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:14	WG1474049	
2-Chlorophenol	ND		0.0100	1	05/13/2020 03:14	WG1474049	
2,4-Dichlorophenol	ND		0.0100	1	05/13/2020 03:14	WG1474049	
2,4-Dimethylphenol	ND		0.0100	1	05/13/2020 03:14	WG1474049	
4,6-Dinitro-2-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:14	WG1474049	
2,4-Dinitrophenol	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
2-Nitrophenol	ND		0.0100	1	05/13/2020 03:14	WG1474049	
4-Nitrophenol	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
Pentachlorophenol	ND	J3	0.0100	1	05/13/2020 03:14	WG1474049	
Phenol	ND		0.0100	1	05/13/2020 03:14	WG1474049	
2,4,6-Trichlorophenol	ND	J4	0.0100	1	05/13/2020 03:14	WG1474049	

Collected date/time: 05/08/20 14:36

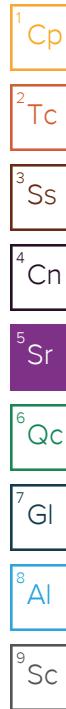
L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	28.6		10.0-120		05/13/2020 03:14	WG1474049
(S) Phenol-d5	17.7		10.0-120		05/13/2020 03:14	WG1474049
(S) Nitrobenzene-d5	33.3		10.0-127		05/13/2020 03:14	WG1474049
(S) 2-Fluorobiphenyl	39.9		10.0-130		05/13/2020 03:14	WG1474049
(S) 2,4,6-Tribromophenol	36.0		10.0-155		05/13/2020 03:14	WG1474049
(S) p-Terphenyl-d14	38.8		10.0-128		05/13/2020 03:14	WG1474049

Sample Narrative:

L1217293-02 WG1474049: Insufficient sample volume for additional analysis



Collected date/time: 05/08/20 14:49

L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND	J3	0.00100	1	05/13/2020 03:35	WG1474049	¹ Cp
Acenaphthylene	ND	J3	0.00100	1	05/13/2020 03:35	WG1474049	² Tc
Anthracene	ND	J3	0.00100	1	05/13/2020 03:35	WG1474049	³ Ss
Benzidine	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/13/2020 03:35	WG1474049	⁵ Sr
Benzo(b)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:35	WG1474049	⁶ Qc
Benzo(k)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:35	WG1474049	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/13/2020 03:35	WG1474049	⁸ Al
Benzo(a)pyrene	ND	J3	0.000200	1	05/13/2020 03:35	WG1474049	⁹ Sc
Bis(2-chloroethoxy)methane	ND		0.0100	1	05/13/2020 03:35	WG1474049	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/13/2020 03:35	WG1474049	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/13/2020 03:35	WG1474049	
4-Bromophenyl-phenylether	ND		0.0100	1	05/13/2020 03:35	WG1474049	
2-Chloronaphthalene	ND		0.00100	1	05/13/2020 03:35	WG1474049	
4-Chlorophenyl-phenylether	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
Chrysene	ND	J3 J4	0.00100	1	05/13/2020 03:35	WG1474049	
Dibenz(a,h)anthracene	ND		0.000200	1	05/13/2020 03:35	WG1474049	
1,2-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
1,3-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
1,4-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
3,3-Dichlorobenzidine	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
2,4-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:35	WG1474049	
2,6-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:35	WG1474049	
Fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:35	WG1474049	
Fluorene	ND	J3 J4	0.00100	1	05/13/2020 03:35	WG1474049	
Hexachlorobenzene	ND		0.00100	1	05/13/2020 03:35	WG1474049	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
Hexachlorocyclopentadiene	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
Hexachloroethane	ND		0.0100	1	05/13/2020 03:35	WG1474049	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/13/2020 03:35	WG1474049	
Isophorone	ND		0.0100	1	05/13/2020 03:35	WG1474049	
Naphthalene	ND		0.00100	1	05/13/2020 03:35	WG1474049	
Nitrobenzene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
n-Nitrosodimethylamine	ND		0.0100	1	05/13/2020 03:35	WG1474049	
n-Nitrosodiphenylamine	ND	J4	0.0100	1	05/13/2020 03:35	WG1474049	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/13/2020 03:35	WG1474049	
Phenanthrene	ND	J4	0.00100	1	05/13/2020 03:35	WG1474049	
Benzylbutyl phthalate	ND		0.00300	1	05/13/2020 03:35	WG1474049	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/13/2020 03:35	WG1474049	
Di-n-butyl phthalate	ND		0.00300	1	05/13/2020 03:35	WG1474049	
Diethyl phthalate	ND	J3 J4	0.00300	1	05/13/2020 03:35	WG1474049	
Dimethyl phthalate	ND	J4	0.00300	1	05/13/2020 03:35	WG1474049	
Di-n-octyl phthalate	ND		0.00300	1	05/13/2020 03:35	WG1474049	
Pyrene	ND	J4	0.00100	1	05/13/2020 03:35	WG1474049	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/13/2020 03:35	WG1474049	
4-Chloro-3-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:35	WG1474049	
2-Chlorophenol	ND		0.0100	1	05/13/2020 03:35	WG1474049	
2,4-Dichlorophenol	ND		0.0100	1	05/13/2020 03:35	WG1474049	
2,4-Dimethylphenol	ND		0.0100	1	05/13/2020 03:35	WG1474049	
4,6-Dinitro-2-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:35	WG1474049	
2,4-Dinitrophenol	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
2-Nitrophenol	ND		0.0100	1	05/13/2020 03:35	WG1474049	
4-Nitrophenol	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
Pentachlorophenol	ND	J3	0.0100	1	05/13/2020 03:35	WG1474049	
Phenol	ND		0.0100	1	05/13/2020 03:35	WG1474049	
2,4,6-Trichlorophenol	ND	J4	0.0100	1	05/13/2020 03:35	WG1474049	

Collected date/time: 05/08/20 14:49

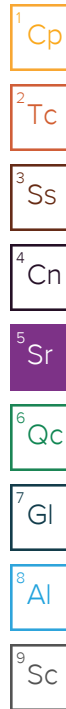
L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	36.8		10.0-120		05/13/2020 03:35	WG1474049
(S) Phenol-d5	23.5		10.0-120		05/13/2020 03:35	WG1474049
(S) Nitrobenzene-d5	42.0		10.0-127		05/13/2020 03:35	WG1474049
(S) 2-Fluorobiphenyl	51.3		10.0-130		05/13/2020 03:35	WG1474049
(S) 2,4,6-Tribromophenol	47.2		10.0-155		05/13/2020 03:35	WG1474049
(S) p-Terphenyl-d14	51.8		10.0-128		05/13/2020 03:35	WG1474049

Sample Narrative:

L1217293-03 WG1474049: Insufficient sample volume for additional analysis



Collected date/time: 05/08/20 15:02

L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND	J3	0.00100	1	05/13/2020 03:55	WG1474049	¹ Cp
Acenaphthylene	ND	J3	0.00100	1	05/13/2020 03:55	WG1474049	² Tc
Anthracene	ND	J3	0.00100	1	05/13/2020 03:55	WG1474049	³ Ss
Benzidine	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/13/2020 03:55	WG1474049	⁵ Sr
Benzo(b)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:55	WG1474049	⁶ Qc
Benzo(k)fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:55	WG1474049	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/13/2020 03:55	WG1474049	⁸ Al
Benzo(a)pyrene	ND	J3	0.000200	1	05/13/2020 03:55	WG1474049	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/13/2020 03:55	WG1474049	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/13/2020 03:55	WG1474049	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/13/2020 03:55	WG1474049	
4-Bromophenyl-phenylether	ND		0.0100	1	05/13/2020 03:55	WG1474049	
2-Chloronaphthalene	ND		0.00100	1	05/13/2020 03:55	WG1474049	
4-Chlorophenyl-phenylether	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
Chrysene	ND	J3 J4	0.00100	1	05/13/2020 03:55	WG1474049	
Dibenz(a,h)anthracene	ND		0.000200	1	05/13/2020 03:55	WG1474049	
1,2-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
1,3-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
1,4-Dichlorobenzene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
3,3-Dichlorobenzidine	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
2,4-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:55	WG1474049	
2,6-Dinitrotoluene	ND	J3 J4	0.0100	1	05/13/2020 03:55	WG1474049	
Fluoranthene	ND	J3 J4	0.00100	1	05/13/2020 03:55	WG1474049	
Fluorene	ND	J3 J4	0.00100	1	05/13/2020 03:55	WG1474049	
Hexachlorobenzene	ND		0.00100	1	05/13/2020 03:55	WG1474049	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
Hexachlorocyclopentadiene	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
Hexachloroethane	ND		0.0100	1	05/13/2020 03:55	WG1474049	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/13/2020 03:55	WG1474049	
Isophorone	ND		0.0100	1	05/13/2020 03:55	WG1474049	
Naphthalene	ND		0.00100	1	05/13/2020 03:55	WG1474049	
Nitrobenzene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
n-Nitrosodimethylamine	ND		0.0100	1	05/13/2020 03:55	WG1474049	
n-Nitrosodiphenylamine	ND	J4	0.0100	1	05/13/2020 03:55	WG1474049	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/13/2020 03:55	WG1474049	
Phenanthrene	ND	J4	0.00100	1	05/13/2020 03:55	WG1474049	
Benzylbutyl phthalate	ND		0.00300	1	05/13/2020 03:55	WG1474049	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/13/2020 03:55	WG1474049	
Di-n-butyl phthalate	ND		0.00300	1	05/13/2020 03:55	WG1474049	
Diethyl phthalate	ND	J3 J4	0.00300	1	05/13/2020 03:55	WG1474049	
Dimethyl phthalate	ND	J4	0.00300	1	05/13/2020 03:55	WG1474049	
Di-n-octyl phthalate	ND		0.00300	1	05/13/2020 03:55	WG1474049	
Pyrene	ND	J4	0.00100	1	05/13/2020 03:55	WG1474049	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/13/2020 03:55	WG1474049	
4-Chloro-3-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:55	WG1474049	
2-Chlorophenol	ND		0.0100	1	05/13/2020 03:55	WG1474049	
2,4-Dichlorophenol	ND		0.0100	1	05/13/2020 03:55	WG1474049	
2,4-Dimethylphenol	ND		0.0100	1	05/13/2020 03:55	WG1474049	
4,6-Dinitro-2-methylphenol	ND	J3 J4	0.0100	1	05/13/2020 03:55	WG1474049	
2,4-Dinitrophenol	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
2-Nitrophenol	ND		0.0100	1	05/13/2020 03:55	WG1474049	
4-Nitrophenol	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
Pentachlorophenol	ND	J3	0.0100	1	05/13/2020 03:55	WG1474049	
Phenol	ND		0.0100	1	05/13/2020 03:55	WG1474049	
2,4,6-Trichlorophenol	ND	J4	0.0100	1	05/13/2020 03:55	WG1474049	

Collected date/time: 05/08/20 15:02

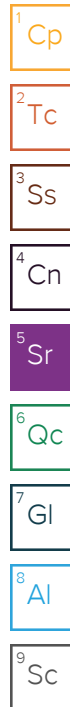
L1217293

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	39.5		10.0-120		05/13/2020 03:55	WG1474049
(S) Phenol-d5	23.9		10.0-120		05/13/2020 03:55	WG1474049
(S) Nitrobenzene-d5	46.1		10.0-127		05/13/2020 03:55	WG1474049
(S) 2-Fluorobiphenyl	54.6		10.0-130		05/13/2020 03:55	WG1474049
(S) 2,4,6-Tribromophenol	47.9		10.0-155		05/13/2020 03:55	WG1474049
(S) p-Terphenyl-d14	52.1		10.0-128		05/13/2020 03:55	WG1474049

Sample Narrative:

L1217293-04 WG1474049: Insufficient sample volume for additional analysis



Released to Imaging: 4/26/2022 8:14:04 AM

Method Blank (MB)

(MB) R3527412-2 05/13/20 01:53				
Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Anthracene	U		0.0000804	0.00100
Benidine	U		0.00374	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzo(b)fluoranthene	U		0.000130	0.00100
Benzo(k)fluoranthene	U		0.000120	0.00100
Benzo(g,h,i)perylene	U		0.000121	0.00100
Benzo(a)pyrene	U		0.0000381	0.000200
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Chrysene	U		0.000130	0.00100
Dibenz(a,h)anthracene	U		0.0000644	0.000200
1,2-Dichlorobenzene	U		0.0000713	0.0100
1,3-Dichlorobenzene	U		0.000132	0.0100
1,4-Dichlorobenzene	U		0.0000942	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodimethylamine	U		0.000998	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300

Received by OCD: 10/20/2020 6:54:36 AM

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6 Qc

7 GI

8 AI

9 Sc

Page 64 of 131

Released to Imaging: 4/26/2022 8:14:04 AM

WG1474049

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

QUALITY CONTROL SUMMARY

L1217293-01,02,03,04

ONE LAB. NATIONWIDE.

Received by OCD: 10/20/2020 6:54:36 AM

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Qc

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Gl

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Al

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Sc

Method Blank (MB)

(MB) R3527412-2 05/13/20 01:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) Nitrobenzene-d5	36.0			10.0-127
(S) 2-Fluorobiphenyl	43.8			10.0-130
(S) p-Terphenyl-d14	42.7			10.0-128
(S) Phenol-d5	21.8			10.0-120
(S) 2-Fluorophenol	35.1			10.0-120
(S) 2,4,6-Tribromophenol	38.8			10.0-155

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

(LCS) R3527412-1 05/13/20 01:12 • (LCSD) R3527412-3 05/13/20 06:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	0.0274	0.0219	54.8	43.8	41.0-120		J3	22.3	22
Acenaphthylene	0.0500	0.0304	0.0241	60.8	48.2	43.0-120		J3	23.1	22
Anthracene	0.0500	0.0289	0.0235	57.8	47.0	45.0-120		J3	20.6	20
Benidine	0.100	0.0287	0.0148	28.7	14.8	10.0-120		J3	63.9	36
Benzo(a)anthracene	0.0500	0.0287	0.0235	57.4	47.0	47.0-120			19.9	20
Benzo(b)fluoranthene	0.0500	0.0270	0.0215	54.0	43.0	46.0-120		J3 J4	22.7	20
Benzo(k)fluoranthene	0.0500	0.0264	0.0213	52.8	42.6	46.0-120		J3 J4	21.4	21
Benzo(g,h,i)perylene	0.0500	0.0276	0.0252	55.2	50.4	48.0-121			9.09	20
Benzo(a)pyrene	0.0500	0.0291	0.0235	58.2	47.0	47.0-120		J3	21.3	20
Bis(2-chlorethoxy)methane	0.0500	0.0250	0.0206	50.0	41.2	33.0-120			19.3	24
Bis(2-chloroethyl)ether	0.0500	0.0276	0.0222	55.2	44.4	23.0-120			21.7	33

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WG1474049

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

L1217293-01,02,03,04

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

(LCS) R3527412-1 05/13/20 01:12 • (LCSD) R3527412-3 05/13/20 06:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Bromophenyl-phenylether	0.0500	0.0264	0.0227	52.8	45.4	45.0-120			15.1	20
2-Chloronaphthalene	0.0500	0.0271	0.0219	54.2	43.8	37.0-120			21.2	25
4-Chlorophenyl-phenylether	0.0500	0.0271	0.0221	54.2	44.2	44.0-120		J3	20.3	20
2,2-Oxybis(1-Chloropropane)	0.0500	0.0272	0.0214	54.4	42.8	28.0-120			23.9	31
Chrysene	0.0500	0.0283	0.0226	56.6	45.2	48.0-120		J3 J4	22.4	20
Dibenz(a,h)anthracene	0.0500	0.0286	0.0252	57.2	50.4	47.0-120			12.6	20
1,2-Dichlorobenzene	0.0500	0.0271	0.0214	54.2	42.8	20.0-120			23.5	34
1,3-Dichlorobenzene	0.0500	0.0267	0.0212	53.4	42.4	17.0-120			23.0	35
1,4-Dichlorobenzene	0.0500	0.0264	0.0211	52.8	42.2	18.0-120			22.3	34
3,3-Dichlorobenzidine	0.100	0.0609	0.0444	60.9	44.4	44.0-120		J3	31.3	20
2,4-Dinitrotoluene	0.0500	0.0298	0.0236	59.6	47.2	49.0-124		J3 J4	23.2	20
2,6-Dinitrotoluene	0.0500	0.0292	0.0229	58.4	45.8	46.0-120		J3 J4	24.2	21
Fluoranthene	0.0500	0.0289	0.0216	57.8	43.2	51.0-120		J3 J4	28.9	20
Fluorene	0.0500	0.0275	0.0223	55.0	44.6	47.0-120		J3 J4	20.9	20
Hexachlorobenzene	0.0500	0.0258	0.0227	51.6	45.4	44.0-120			12.8	20
Hexachloro-1,3-butadiene	0.0500	0.0232	0.0188	46.4	37.6	19.0-120			21.0	32
Hexachlorocyclopentadiene	0.0500	0.0238	0.0167	47.6	33.4	15.0-120		J3	35.1	31
Hexachloroethane	0.0500	0.0271	0.0217	54.2	43.4	15.0-120			22.1	37
Indeno(1,2,3-cd)pyrene	0.0500	0.0310	0.0272	62.0	54.4	49.0-122			13.1	20
Isophorone	0.0500	0.0245	0.0203	49.0	40.6	36.0-120			18.7	23
Naphthalene	0.0500	0.0250	0.0200	50.0	40.0	27.0-120			22.2	27
Nitrobenzene	0.0500	0.0245	0.0196	49.0	39.2	27.0-120			22.2	29
n-Nitrosodimethylamine	0.0500	0.0194	0.0156	38.8	31.2	10.0-120			21.7	40
n-Nitrosodiphenylamine	0.0500	0.0271	0.0226	54.2	45.2	47.0-120		J4	18.1	20
n-Nitrosodi-n-propylamine	0.0500	0.0269	0.0217	53.8	43.4	31.0-120			21.4	28
Phenanthrene	0.0500	0.0271	0.0223	54.2	44.6	46.0-120		J4	19.4	20
Benzylbutyl phthalate	0.0500	0.0308	0.0256	61.6	51.2	43.0-121			18.4	20
Bis(2-ethylhexyl)phthalate	0.0500	0.0317	0.0286	63.4	57.2	43.0-122			10.3	20
Di-n-butyl phthalate	0.0500	0.0316	0.0267	63.2	53.4	49.0-121			16.8	20
Diethyl phthalate	0.0500	0.0288	0.0235	57.6	47.0	48.0-122		J3 J4	20.3	20
Dimethyl phthalate	0.0500	0.0285	0.0234	57.0	46.8	48.0-120		J4	19.7	20
Di-n-octyl phthalate	0.0500	0.0336	0.0292	67.2	58.4	42.0-125			14.0	20
Pyrene	0.0500	0.0257	0.0222	51.4	44.4	47.0-120		J4	14.6	20
1,2,4-Trichlorobenzene	0.0500	0.0237	0.0191	47.4	38.2	24.0-120			21.5	29
4-Chloro-3-methylphenol	0.0500	0.0252	0.0191	50.4	38.2	40.0-120		J3 J4	27.5	21
2-Chlorophenol	0.0500	0.0269	0.0213	53.8	42.6	25.0-120			23.2	35
2,4-Dichlorophenol	0.0500	0.0249	0.0194	49.8	38.8	36.0-120			24.8	26
2,4-Dimethylphenol	0.0500	0.0282	0.0219	56.4	43.8	33.0-120			25.1	26
4,6-Dinitro-2-methylphenol	0.0500	0.0284	0.0177	56.8	35.4	38.0-138		J3 J4	46.4	25
2,4-Dinitrophenol	0.0500	0.0292	0.0160	58.4	32.0	10.0-120		J3	58.4	39

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Page 66 of 131

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WG1474049

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Semi Volatile Organic Compounds (GC/MS) by Method 8270C [L1217293-01,02,03,04](#)

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

(LCS) R3527412-1 05/13/20 01:12 • (LCSD) R3527412-3 05/13/20 06:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2-Nitrophenol	0.0500	0.0267	0.0212	53.4	42.4	31.0-120			23.0	29
4-Nitrophenol	0.0500	0.0150	0.00968	30.0	19.4	10.0-120		J3	43.1	33
Pentachlorophenol	0.0500	0.0319	0.0220	63.8	44.0	23.0-120		J3	36.7	25
Phenol	0.0500	0.0152	0.0107	30.4	21.4	10.0-120			34.7	36
2,4,6-Trichlorophenol	0.0500	0.0247	0.0204	49.4	40.8	42.0-120		J4	19.1	23
(S) Nitrobenzene-d5				42.8	34.8	10.0-127				
(S) 2-Fluorobiphenyl				57.0	45.4	10.0-130				
(S) p-Terphenyl-d14				54.4	46.8	10.0-128				
(S) Phenol-d5				26.4	20.6	10.0-120				
(S) 2-Fluorophenol				44.1	34.6	10.0-120				
(S) 2,4,6-Tribromophenol				54.0	42.8	10.0-155				

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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.

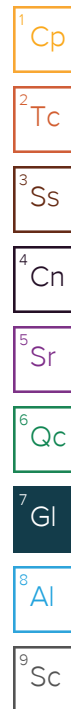
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.



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	LA000356
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.



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Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 5/15/2020

Job Number: 97057-1112

Work Order: P005047

Project Name/Location: Trunk F Hydro Static
Release

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 5/26/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
source #1	P005047-01A	Aqueous	05/15/20	05/15/20	Poly 500mL
	P005047-01B	Aqueous	05/15/20	05/15/20	Poly 250mL; HNO3
	P005047-01C	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-01D	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-01E	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-01F	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-01G	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
up gradient	P005047-02A	Aqueous	05/15/20	05/15/20	Poly 500mL
	P005047-02B	Aqueous	05/15/20	05/15/20	Poly 250mL; HNO3
	P005047-02C	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-02D	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-02E	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-02F	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-02G	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
source #2	P005047-03A	Aqueous	05/15/20	05/15/20	Poly 500mL
	P005047-03B	Aqueous	05/15/20	05/15/20	Poly 250mL; HNO3
	P005047-03C	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-03D	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-03E	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-03F	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-03G	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
down gradient	P005047-04A	Aqueous	05/15/20	05/15/20	Poly 500mL
	P005047-04B	Aqueous	05/15/20	05/15/20	Poly 250mL; HNO3
	P005047-04C	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-04D	Aqueous	05/15/20	05/15/20	Amber Glass, 125mL
	P005047-04E	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-04F	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
	P005047-04G	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL; HCl
trip blank	P005047-05A	Aqueous	05/15/20	05/15/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

source #1
P005047-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	8630	10.0	mg/L	1	2020022	05/15/20	05/18/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

source #1
P005047-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 98.1 % 70-130 2021004 05/18/20 05/18/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

source #1
P005047-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	105 %	70-130			2021004	05/18/20	05/18/20	EPA 8260B	
Surrogate: Bromofluorobenzene	100 %	70-130			2021004	05/18/20	05/18/20	EPA 8260B	

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Calcium	349	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Magnesium	64.0	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Potassium	7.23	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	
Sodium	2590	200	mg/L	100	2020039	05/16/20	05/18/20	EPA 6010C	
Zinc	ND	0.100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C	

Anions by 300.0/9056A

Fluoride	3.55	1.25	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A	
Chloride	34.8	10.0	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A	
Nitrite-N	1.47	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:11	EPA 300.0/9056A	
Nitrate-N	1.42	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:11	EPA 300.0/9056A	
o-Phosphate-P	1.41	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:11	EPA 300.0/9056A	
Sulfate	5660	40.0	mg/L	20	2020024	05/15/20	05/16/20	EPA 300.0/9056A	

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

source #1
P005047-01 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A	

Dissolved Mercury by 7470A

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

up gradient
P005047-02 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	4950	10.0	mg/L	1	2020022	05/15/20	05/18/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

up gradient
P005047-02 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 93.6 % 70-130 2021004 05/18/20 05/18/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

up gradient
P005047-02 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	106 %	70-130	2021004	05/18/20	05/18/20	EPA 8260B
Surrogate: Bromofluorobenzene	103 %	70-130	2021004	05/18/20	05/18/20	EPA 8260B

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Barium	ND	0.250	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Cadmium	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Calcium	260	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Chromium	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Iron	ND	2.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Lead	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Magnesium	45.0	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Potassium	5.31	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Selenium	ND	0.0500	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Silver	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Sodium	1360	200	mg/L	100	2020039	05/16/20	05/18/20	EPA 6010C
Zinc	ND	0.100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C

Anions by 300.0/9056A

Fluoride	1.52	1.25	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Chloride	23.0	10.0	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Nitrite-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:35	EPA 300.0/9056A
Nitrate-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:35	EPA 300.0/9056A
o-Phosphate-P	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:35	EPA 300.0/9056A
Sulfate	3200	40.0	mg/L	20	2020024	05/15/20	05/16/20	EPA 300.0/9056A

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

up gradient
P005047-02 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A	
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A	
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

source #2
P005047-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	5750	10.0	mg/L	1	2020022	05/15/20	05/18/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

source #2
P005047-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 96.2 % 70-130 2021004 05/18/20 05/18/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

source #2
P005047-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	104 %	70-130	2021004	05/18/20	05/18/20	EPA 8260B
Surrogate: Bromofluorobenzene	103 %	70-130	2021004	05/18/20	05/18/20	EPA 8260B

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Barium	ND	0.250	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Cadmium	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Calcium	267	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Chromium	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Iron	ND	2.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Lead	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Magnesium	50.6	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Potassium	6.50	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Selenium	ND	0.0500	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Silver	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Sodium	1560	200	mg/L	100	2020039	05/16/20	05/18/20	EPA 6010C
Zinc	ND	0.100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C

Anions by 300.0/9056A

Fluoride	1.55	1.25	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Chloride	25.2	10.0	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Nitrite-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:59	EPA 300.0/9056A
Nitrate-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:59	EPA 300.0/9056A
o-Phosphate-P	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 19:59	EPA 300.0/9056A
Sulfate	3590	40.0	mg/L	20	2020024	05/15/20	05/16/20	EPA 300.0/9056A

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

source #2
P005047-03 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

down gradient
P005047-04 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Wet Chem/Gravimetric

Total Dissolved Solids	4980	10.0	mg/L	1	2020022	05/15/20	05/18/20	SM2540C	
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Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

down gradient
P005047-04 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Tetrachloroethene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/19/20	05/19/20	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4 95.2 % 70-130 2021004 05/19/20 05/19/20 EPA 8260B

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

down gradient
P005047-04 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Surrogate: Toluene-d8	106 %	70-130	2021004	05/19/20	05/19/20	EPA 8260B
Surrogate: Bromofluorobenzene	103 %	70-130	2021004	05/19/20	05/19/20	EPA 8260B

Dissolved Metals by 6010

Arsenic	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Barium	ND	0.250	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Cadmium	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Calcium	258	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Chromium	ND	0.0200	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Iron	ND	2.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Lead	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Magnesium	44.5	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Potassium	5.49	1.00	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Selenium	ND	0.0500	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Silver	ND	0.0100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C
Sodium	1320	200	mg/L	100	2020039	05/16/20	05/18/20	EPA 6010C
Zinc	ND	0.100	mg/L	1	2020039	05/16/20	05/18/20	EPA 6010C

Anions by 300.0/9056A

Fluoride	1.48	1.25	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Chloride	23.1	10.0	mg/L	5	2020024	05/15/20	05/15/20	EPA 300.0/9056A
Nitrite-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 20:22	EPA 300.0/9056A
Nitrate-N	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 20:22	EPA 300.0/9056A
o-Phosphate-P	ND	1.25	mg/L	5	2020024	05/15/20 16:45	05/15/20 20:22	EPA 300.0/9056A
Sulfate	3180	40.0	mg/L	20	2020024	05/15/20	05/16/20	EPA 300.0/9056A

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

down gradient
P005047-04 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Total Mercury by EPA 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A
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Dissolved Mercury by 7470A

Mercury	ND	0.200	ug/L	1	2021006	05/18/20	05/18/20	EPA 7470A
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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

trip blank
P005047-05 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

trip blank
P005047-05 (Water)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Dibromochloromethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2021004	05/18/20	05/18/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		93.0 %		70-130	2021004	05/18/20	05/18/20	EPA 8260B	
Surrogate: Toluene-d8		108 %		70-130	2021004	05/18/20	05/18/20	EPA 8260B	
Surrogate: Bromofluorobenzene		102 %		70-130	2021004	05/18/20	05/18/20	EPA 8260B	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

Wet Chem/Gravimetric - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2020022 - Wet Chemistry Preparation**Blank (2020022-BLK1)**

Prepared: 05/14/20 1 Analyzed: 05/18/20 1

Total Dissolved Solids ND 10.0 mg/L

LCS (2020022-BS1)

Prepared: 05/14/20 1 Analyzed: 05/18/20 1

Total Dissolved Solids 107 10.0 mg/L 100 107 55-134

LCS Dup (2020022-BSD1)

Prepared: 05/14/20 1 Analyzed: 05/18/20 1

Total Dissolved Solids 105 10.0 mg/L 100 105 55-134 1.89 5

Duplicate (2020022-DUP1)**Source: P005048-01**

Prepared: 05/14/20 1 Analyzed: 05/18/20 1

Total Dissolved Solids 615 10.0 mg/L 621 0.971 5

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021004 - Purge and Trap EPA 5030A

Blank (2021004-BLK1)

Prepared & Analyzed: 05/18/20 1

Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L
Chloromethane	ND	5.00	"
Vinyl chloride	ND	1.00	"
Bromomethane	ND	10.0	"
Chloroethane	ND	5.00	"
Trichlorofluoromethane (Freon-11)	ND	5.00	"
1,1-Dichloroethene	ND	1.00	"
Acetone	ND	50.0	"
Methylene Chloride	ND	5.00	"
Methyl tert-Butyl Ether (MTBE)	ND	1.00	"
trans-1,2-Dichloroethene	ND	2.00	"
Diisopropyl Ether (DIPE)	ND	1.00	"
1,1-Dichloroethane	ND	1.00	"
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	"
2-Butanone (MEK)	ND	20.0	"
cis-1,2-Dichloroethene	ND	1.00	"
2,2-Dichloropropane	ND	1.00	"
Bromochloromethane	ND	1.00	"
Chloroform	ND	10.0	"
1,1,1-Trichloroethane	ND	1.00	"
Carbon Tetrachloride	ND	1.00	"
1,1-Dichloropropene	ND	1.00	"
tert-Amyl Methyl ether (TAME)	ND	1.00	"
Benzene	ND	1.00	"
1,2-Dichloroethane	ND	1.00	"
Trichloroethene	ND	1.00	"
1,2-Dichloropropane	ND	1.00	"
Dibromomethane	ND	1.00	"
Bromodichloromethane	ND	1.00	"
cis-1,3-Dichloropropene	ND	1.00	"
4-Methyl-2-pentanone (MIBK)	ND	20.0	"
Toluene	ND	1.00	"
trans-1,3-Dichloropropene	ND	1.00	"
1,1,2-Trichloroethane	ND	1.00	"
Tetrachloroethene	ND	1.00	"
2-Hexanone	ND	20.0	"
1,3-Dichloropropane	ND	1.00	"
Dibromochloromethane	ND	1.00	"
1,2-Dibromoethane (EDB)	ND	2.50	"
Chlorobenzene	ND	1.00	"
Ethylbenzene	ND	1.00	"
1,1,1,2-Tetrachloroethane	ND	1.00	"
p,m-Xylene	ND	2.00	"
o-Xylene	ND	1.00	"
Total Xylenes	ND	1.00	"
Styrene	ND	1.00	"
Bromoform	ND	2.00	"
Isopropylbenzene	ND	1.00	"
1,1,2,2-Tetrachloroethane	ND	1.00	"
Bromobenzene	ND	1.00	"
n-Propyl Benzene	ND	1.00	"

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021004 - Purge and Trap EPA 5030A

Blank (2021004-BLK1)

Prepared & Analyzed: 05/18/20 1

1,2,3-Trichloropropane	ND	2.50	ug/L							
2-Chlorotoluene	ND	1.00	"							
1,3,5-Trimethylbenzene	ND	1.00	"							
4-Chlorotoluene	ND	1.00	"							
tert-Butylbenzene	ND	1.00	"							
1,2,4-Trimethylbenzene	ND	1.00	"							
sec-Butylbenzene	ND	1.00	"							
4-Isopropyltoluene	ND	1.00	"							
1,3-Dichlorobenzene	ND	1.00	"							
1,4-Dichlorobenzene	ND	1.00	"							
n-Butyl Benzene	ND	1.00	"							
1,2-Dichlorobenzene	ND	1.00	"							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	"							
1,2,4-Trichlorobenzene	ND	5.00	"							
Hexachlorobutadiene	ND	5.00	"							
Naphthalene	ND	5.00	"							
1,2,3-Trichlorobenzene	ND	5.00	"							
2-Methylnaphthalene	ND	10.0	"							
1-Methylnaphthalene	ND	10.0	"							
Surrogate: 1,2-Dichloroethane-d4	9.91		"	10.0		99.1	70-130			
Surrogate: Toluene-d8	10.5		"	10.0		105	70-130			
Surrogate: Bromofluorobenzene	10.2		"	10.0		102	70-130			

LCS (2021004-BS1)

Prepared & Analyzed: 05/18/20 1

Vinyl chloride	60.4	1.00	ug/L	50.0		121	80-120			L2
1,1-Dichloroethene	55.9	1.00	"	50.0		112	80-120			
Methylene Chloride	53.7	5.00	"	50.0		107	70-130			
Methyl tert-Butyl Ether (MTBE)	50.8	1.00	"	50.0		101	70-130			
Diisopropyl Ether (DIPE)	54.9	1.00	"	50.0		110	65-135			
Bromochloromethane	51.1	1.00	"	50.0		102	70-130			
1,1,1-Trichloroethane	53.5	1.00	"	50.0		107	70-130			
Benzene	53.7	1.00	"	50.0		107	70-130			
Trichloroethene	52.8	1.00	"	50.0		106	70-130			
1,2-Dichloropropane	57.7	1.00	"	50.0		115	80-120			
4-Methyl-2-pentanone (MIBK)	113	20.0	"	100		113	50-160			
Toluene	56.9	1.00	"	50.0		114	80-120			
1,1,2-Trichloroethane	56.1	1.00	"	50.0		112	70-130			
Tetrachloroethene	50.3	1.00	"	50.0		101	70-130			
Chlorobenzene	56.3	1.00	"	50.0		113	70-130			
Ethylbenzene	58.6	1.00	"	50.0		117	80-120			
1,1,1,2-Tetrachloroethane	53.9	1.00	"	50.0		108	70-130			
p,m-Xylene	114	2.00	"	100		114	70-130			
o-Xylene	57.2	1.00	"	50.0		114	70-130			
Total Xylenes	171	1.00	"	150		114	0-200			
n-Propyl Benzene	58.6	1.00	"	50.0		117	70-130			
tert-Butylbenzene	59.1	1.00	"	50.0		118	70-130			
1,4-Dichlorobenzene	57.4	1.00	"	50.0		115	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	54.8	5.00	"	50.0		110	65-135			
1,2,3-Trichlorobenzene	48.5	5.00	"	50.0		97.0	70-140			

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5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com



Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021004 - Purge and Trap EPA 5030A

LCS (2021004-BS1)

Prepared & Analyzed: 05/18/20 1

Surrogate: 1,2-Dichloroethane-d4	9.88		ug/L	10.0		98.8	70-130			
Surrogate: Toluene-d8	10.6		"	10.0		106	70-130			
Surrogate: Bromofluorobenzene	10.2		"	10.0		102	70-130			

Matrix Spike (2021004-MS1)

Source: P005050-01

Prepared & Analyzed: 05/18/20 1

Vinyl chloride	301	5.00	ug/L	250	ND	120	44-143			
1,1-Dichloroethene	283	5.00	"	250	ND	113	49-144			
Methylene Chloride	265	25.0	"	250	ND	106	60-140			
Methyl tert-Butyl Ether (MTBE)	251	5.00	"	250	ND	100	61-136			
Diisopropyl Ether (DIPE)	276	5.00	"	250	ND	111	60-140			
Bromochloromethane	256	5.00	"	250	ND	102	65-135			
1,1,1-Trichloroethane	267	5.00	"	250	ND	107	58-134			
Benzene	269	5.00	"	250	ND	108	59-133			
Trichloroethene	261	5.00	"	250	ND	104	49-148			
1,2-Dichloropropane	291	5.00	"	250	ND	116	35-135			
4-Methyl-2-pentanone (MIBK)	474	100	"	500	ND	94.7	40-170			
Toluene	285	5.00	"	250	ND	114	67-130			
1,1,2-Trichloroethane	278	5.00	"	250	ND	111	65-135			
Tetrachloroethene	255	5.00	"	250	ND	102	57-141			
Chlorobenzene	278	5.00	"	250	ND	111	70-130			
Ethylbenzene	293	5.00	"	250	ND	117	62-136			
1,1,1,2-Tetrachloroethane	265	5.00	"	250	ND	106	70-132			
p,m-Xylene	566	10.0	"	500	ND	113	65-135			
o-Xylene	284	5.00	"	250	ND	113	70-130			
Total Xylenes	850	5.00	"	750	ND	113	0-200			
n-Propyl Benzene	290	5.00	"	250	ND	116	63-139			
tert-Butylbenzene	294	5.00	"	250	ND	118	67-138			
1,4-Dichlorobenzene	282	5.00	"	250	ND	113	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	263	25.0	"	250	ND	105	60-160			
1,2,3-Trichlorobenzene	235	25.0	"	250	ND	94.0	60-160			
Surrogate: 1,2-Dichloroethane-d4	50.2		"	50.0		100	70-130			
Surrogate: Toluene-d8	52.2		"	50.0		104	70-130			
Surrogate: Bromofluorobenzene	51.2		"	50.0		102	70-130			

Matrix Spike Dup (2021004-MSD1)

Source: P005050-01

Prepared & Analyzed: 05/18/20 1

Vinyl chloride	284	5.00	ug/L	250	ND	114	44-143	5.64	30	
1,1-Dichloroethene	269	5.00	"	250	ND	108	49-144	4.99	20	
Methylene Chloride	260	25.0	"	250	ND	104	60-140	2.12	20	
Methyl tert-Butyl Ether (MTBE)	245	5.00	"	250	ND	98.1	61-136	2.38	20	
Diisopropyl Ether (DIPE)	266	5.00	"	250	ND	106	60-140	3.87	20	
Bromochloromethane	250	5.00	"	250	ND	100	65-135	2.37	20	
1,1,1-Trichloroethane	261	5.00	"	250	ND	104	58-134	2.31	20	
Benzene	258	5.00	"	250	ND	103	59-133	4.15	20	
Trichloroethene	255	5.00	"	250	ND	102	49-148	2.58	20	
1,2-Dichloropropane	282	5.00	"	250	ND	113	35-135	3.23	20	
4-Methyl-2-pentanone (MIBK)	465	100	"	500	ND	92.9	40-170	1.92	30	
Toluene	276	5.00	"	250	ND	110	67-130	3.01	20	
1,1,2-Trichloroethane	272	5.00	"	250	ND	109	65-135	2.15	20	
Tetrachloroethene	244	5.00	"	250	ND	97.7	57-141	4.23	20	

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021004 - Purge and Trap EPA 5030A

Matrix Spike Dup (2021004-MSD1)	Source: P005050-01			Prepared & Analyzed: 05/18/20 1						
Chlorobenzene	272	5.00	ug/L	250	ND	109	70-130	2.23	20	
Ethylbenzene	287	5.00	"	250	ND	115	62-136	2.16	20	
1,1,1,2-Tetrachloroethane	261	5.00	"	250	ND	104	70-132	1.65	20	
p,m-Xylene	551	10.0	"	500	ND	110	65-135	2.64	20	
o-Xylene	273	5.00	"	250	ND	109	70-130	3.75	20	
Total Xylenes	825	5.00	"	750	ND	110	0-200	3.01	200	
n-Propyl Benzene	282	5.00	"	250	ND	113	63-139	2.62	20	
tert-Butylbenzene	287	5.00	"	250	ND	115	67-138	2.36	20	
1,4-Dichlorobenzene	283	5.00	"	250	ND	113	70-130	0.230	20	
1,2-Dibromo-3-chloropropane (DBCP)	260	25.0	"	250	ND	104	60-160	1.03	30	
1,2,3-Trichlorobenzene	238	25.0	"	250	ND	95.0	60-160	1.12	20	
Surrogate: 1,2-Dichloroethane-d4	49.5		"	50.0		99.0	70-130			
Surrogate: Toluene-d8	52.7		"	50.0		105	70-130			
Surrogate: Bromofluorobenzene	50.6		"	50.0		101	70-130			

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Enterprise Products	Project Name:	Trunk F Hydro Static Release	
614 Reilly Ave	Project Number:	97057-1112	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/26/20 10:38

Dissolved Metals by 6010 - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2020039 - Metals Water Hotblock Digestion EPA 3010A/200.2**Blank (2020039-BLK1)**

Prepared: 05/16/20 1 Analyzed: 05/17/20 1

Arsenic	ND	0.0200	mg/L
Barium	ND	0.250	"
Cadmium	ND	0.0100	"
Calcium	ND	1.00	"
Chromium	ND	0.0200	"
Iron	ND	2.00	"
Lead	ND	0.0100	"
Magnesium	ND	1.00	"
Potassium	ND	1.00	"
Selenium	ND	0.0500	"
Silver	ND	0.0100	"
Sodium	ND	2.00	"

LCS (2020039-BS1)

Prepared: 05/16/20 1 Analyzed: 05/17/20 1

Arsenic	0.479	0.0200	mg/L	0.500	95.9	80-120
Barium	12.7	0.250	"	12.5	102	80-120
Cadmium	0.243	0.0100	"	0.250	97.4	80-120
Calcium	51.2	1.00	"	50.0	102	80-120
Chromium	0.967	0.0200	"	1.00	96.7	80-120
Iron	101	2.00	"	100	101	80-120
Lead	0.250	0.0100	"	0.250	99.8	80-120
Magnesium	48.6	1.00	"	50.0	97.3	80-120
Potassium	4.76	1.00	"	5.00	95.3	80-120
Selenium	1.17	0.0500	"	1.25	93.6	80-120
Silver	0.0971	0.0100	"	0.100	97.1	80-120
Sodium	17.8	2.00	"	20.0	89.2	80-120

Matrix Spike (2020039-MS1)

Source: P005049-01

Prepared: 05/16/20 1 Analyzed: 05/18/20 1

Arsenic	0.547	0.0200	mg/L	0.500	ND	109	75-125	
Barium	13.8	0.250	"	12.5	ND	110	75-125	
Cadmium	0.272	0.0100	"	0.250	ND	109	75-125	
Calcium	65.8	1.00	"	50.0	11.1	109	75-125	
Chromium	1.05	0.0200	"	1.00	ND	105	75-125	
Iron	111	2.00	"	100	ND	111	75-125	
Lead	0.262	0.0100	"	0.250	ND	105	75-125	
Magnesium	53.5	1.00	"	50.0	ND	107	75-125	
Potassium	7.62	1.00	"	5.00	1.17	129	75-125	M2
Selenium	1.30	0.0500	"	1.25	ND	104	75-125	
Silver	0.106	0.0100	"	0.100	ND	106	75-125	
Sodium	354	10.0	"	20.0	322	161	75-125	M2
Zinc	2.64	0.100	"	2.50	ND	105	75-125	

Matrix Spike Dup (2020039-MSD1)

Source: P005049-01

Prepared: 05/16/20 1 Analyzed: 05/18/20 1

Arsenic	0.559	0.0200	mg/L	0.500	ND	112	75-125	2.13	20
Barium	13.7	0.250	"	12.5	ND	110	75-125	0.291	20
Cadmium	0.276	0.0100	"	0.250	ND	111	75-125	1.57	20
Calcium	65.9	1.00	"	50.0	11.1	110	75-125	0.137	20
Chromium	1.06	0.0200	"	1.00	ND	106	75-125	1.24	20
Iron	113	2.00	"	100	ND	113	75-125	1.07	20
Lead	0.264	0.0100	"	0.250	ND	106	75-125	0.532	20
Magnesium	55.4	1.00	"	50.0	ND	111	75-125	3.47	20

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

Dissolved Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2020039 - Metals Water Hotblock Digestion EPA 3010A/200.2

Matrix Spike Dup (2020039-MSD1)	Source: P005049-01			Prepared: 05/16/20 1 Analyzed: 05/18/20 1						
Potassium	7.81	1.00	mg/L	5.00	1.17	133	75-125	2.46	20	M2
Selenium	1.31	0.0500	"	1.25	ND	105	75-125	1.46	20	
Silver	0.108	0.0100	"	0.100	ND	108	75-125	1.50	20	
Sodium	348	10.0	"	20.0	322	132	75-125	1.64	20	M2
Zinc	2.64	0.100	"	2.50	ND	105	75-125	0.0379	20	

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5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com



Enterprise Products	Project Name:	Trunk F Hydro Static Release	Reported: 05/26/20 10:38
614 Reilly Ave	Project Number:	97057-1112	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Anions by 300.0/9056A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2020024 - Wet Chemistry Preparation**Blank (2020024-BLK1)**

Prepared: 05/15/20 0 Analyzed: 05/15/20 1

Fluoride	ND	0.250	mg/L
Chloride	ND	2.00	"
Nitrite-N	ND	0.250	"
Nitrate-N	ND	0.250	"
o-Phosphate-P	ND	0.250	"
Sulfate	ND	2.00	"

LCS (2020024-BS1)

Prepared: 05/15/20 0 Analyzed: 05/15/20 1

Fluoride	2.56	0.250	mg/L	2.50	102	90-110
Chloride	24.7	2.00	"	25.0	99.0	90-110
Nitrite-N	2.58	0.250	"	2.50	103	90-110
Nitrate-N	2.61	0.250	"	2.50	104	90-110
o-Phosphate-P	12.7	0.250	"	12.5	102	90-110
Sulfate	24.6	2.00	"	25.0	98.4	90-110

LCS Dup (2020024-BSD1)

Prepared: 05/15/20 0 Analyzed: 05/15/20 1

Fluoride	2.61	0.250	mg/L	2.50	105	90-110	2.01	20
Chloride	25.0	2.00	"	25.0	100	90-110	1.05	20
Nitrite-N	2.62	0.250	"	2.50	105	90-110	1.31	20
Nitrate-N	2.62	0.250	"	2.50	105	90-110	0.650	20
o-Phosphate-P	12.8	0.250	"	12.5	103	90-110	0.712	20
Sulfate	24.8	2.00	"	25.0	99.3	90-110	0.870	20

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

Total Mercury by EPA 7470A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021006 - Mercury Water Digestion KMNO4

Blank (2021006-BLK1)

Prepared & Analyzed: 05/18/20 1

Mercury	ND	0.200	ug/L
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LCS (2021006-BS1)

Prepared & Analyzed: 05/18/20 1

Mercury	2.23	0.200	ug/L	2.00	111	80-120
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Matrix Spike (2021006-MS1)

Source: P005034-06

Prepared & Analyzed: 05/18/20 1

Mercury	2.11	0.200	ug/L	2.00	ND	105	75-125
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Matrix Spike Dup (2021006-MSD1)

Source: P005034-06

Prepared & Analyzed: 05/18/20 1

Mercury	2.12	0.200	ug/L	2.00	ND	106	75-125	0.577	20
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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

Dissolved Mercury by 7470A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2021006 - Mercury Water Digestion KMNO4

Blank (2021006-BLK1)

Prepared & Analyzed: 05/18/20 1

Mercury	ND	0.200	ug/L
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LCS (2021006-BS1)

Prepared & Analyzed: 05/18/20 1

Mercury	2.23	0.200	ug/L	2.00	111	80-120
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Matrix Spike (2021006-MS1)

Source: P005034-06

Prepared & Analyzed: 05/18/20 1

Mercury	2.11	0.200	ug/L	2.00	ND	105	75-125
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Matrix Spike Dup (2021006-MSD1)

Source: P005034-06

Prepared & Analyzed: 05/18/20 1

Mercury	2.12	0.200	ug/L	2.00	ND	106	75-125	0.577	20
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QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Enterprise Products
614 Reilly Ave
Farmington NM, 87401

Project Name: Trunk F Hydro Static Release
Project Number: 97057-1112
Project Manager: Felipe Aragon

Reported:
05/26/20 10:38

Notes and Definitions

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

L2 The LCS spike recovery was above acceptance limits. This analyte was not detected in the sample.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Client: Enterprise						Report Attention							Lab Use Only								TAT			EPA Program					
Project: Trunk F Hydrostatic Release						Report due by:							Lab WO#				Job Number				1D	3D	RCRA	CWA	SDWA				
Project Manager: F Aragon						Email:							P005047				97057-1112												
Address:						Address:							Analysis and Method												State				
City, State, Zip						City, State, Zip									Dissolved metals	total Hg	8270	cations/anions	TDS							NM	CO	UT	AZ
Phone:						Phone:																				x			
Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen lgarcia Dcarter																									Remarks				
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	Dissolved metals	total Hg	8270	cations/anions	TDS																		
920	5/15/2020	A	6	source #1	1	X	X	X	X	X	X																		
910	5/15/2020	A	6	up gradient	2	X	X	X	X	X	X																		
937	5/15/2020	A	6	source #2	3	X	X	X	X	X	X																		
1000	5/15/2020	A	6	down gradient	4	X	X	X	X	X	X																		
		A	1	trip blank	5	X																							
Additional Instructions:																													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Brian																		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only																	
Butter Hall		5/15/20		11:05		Alexa Michaels		5-15-20		11:05		Received on ice: Y / N																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____																	
												AVG Temp °C 4																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.																													

66P
CIP
FSP
0001

1000

1000

Project Information

Chain of Custody

Page 1 of 1

Client: Enterprise					Report Attention Report due by: _____ Email: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen Jgarcia Dcarter		Lab Use Only						TAT		EPA Program		
Project: Trunk F Hydrostatic Release							Lab WO# P005047		Job Number 97057-1112		1D	3D	RCRA	CWA	SDWA		
Project Manager: F Aragon							Analysis and Method										
Address: _____							State										
City, State, Zip _____							NM CO UT AZ x										
Phone: _____					Remarks												
Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen Jgarcia Dcarter																	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	Dissolved metals	total Hg	8270	cations/anions	TDS						
920	5/15/2020	A	67	source #1	1	X	X	X	X	X	X						
910	5/15/2020	A	67	up gradient	2	X	X	X	X	X	X						
937	5/15/2020	A	67	source #2	3	X	X	X	X	X	X						
1000	5/15/2020	A	67	down gradient	4	X	X	X	X	X	X						
		A	1	trip blank	5	X											

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Bhall

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Butter Hall</u>	<u>5/15/20</u>	<u>11:05</u>	<u>Alicia Michaels</u>	<u>5-15-20</u>	<u>11:05</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



ANALYTICAL REPORT

May 26, 2020

EnviroTech- NM

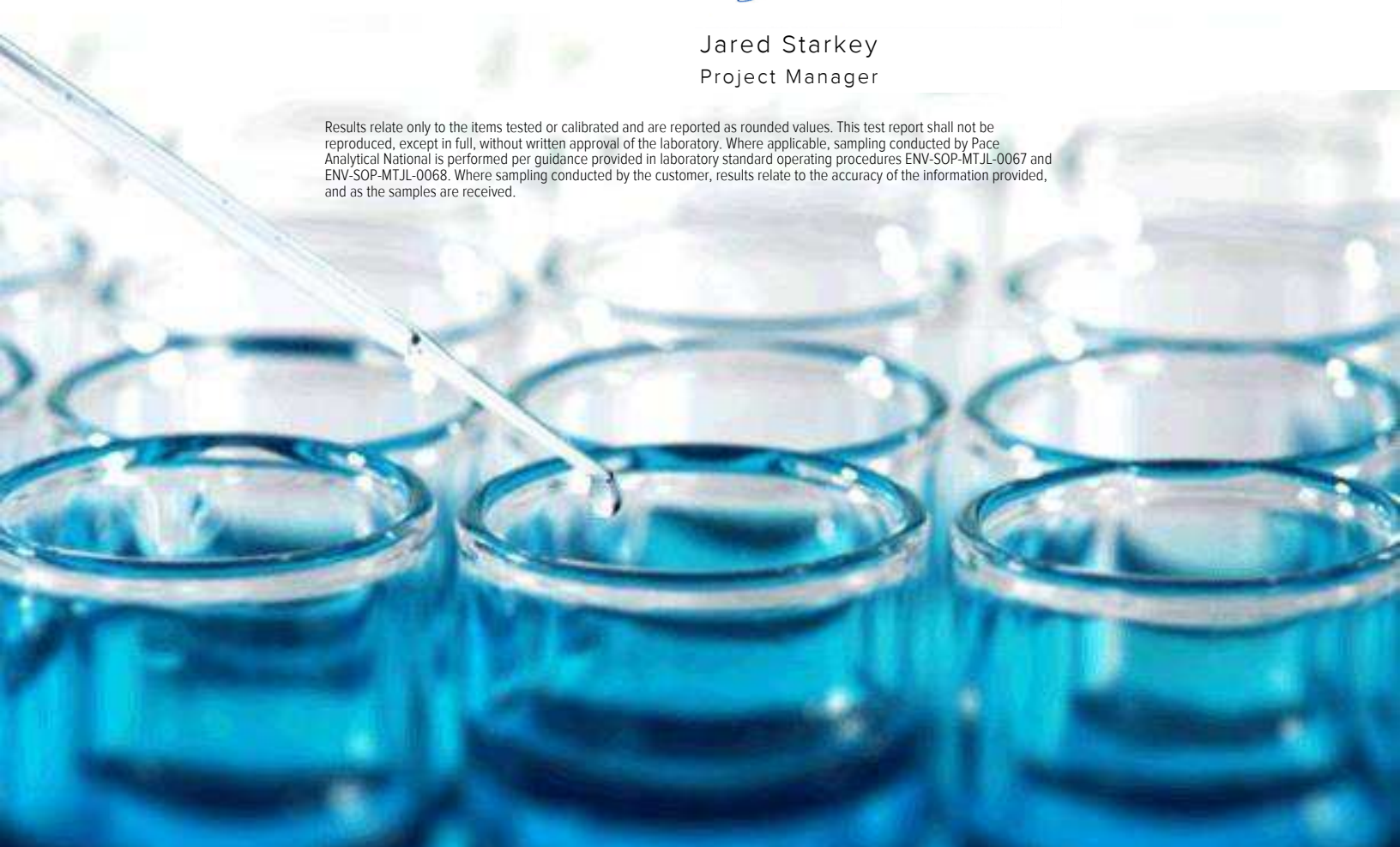
Sample Delivery Group: L1219344
Samples Received: 05/16/2020
Project Number: 97057-1112
Description: Trunk F Hydrostatic Release
Site: P005047
Report To: Irene Yazzie
5796 US. Highway 64
Farmington, NM 87401

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Jared Starkey
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.



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
SOURCE #1 L1219344-01	5	
UP GRADIENT L1219344-02	7	⁴ Cn
SOURCE #2 L1219344-03	9	⁵ Sr
DOWN GRADIENT L1219344-04	11	
Qc: Quality Control Summary	13	⁶ Qc
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	13	
Gl: Glossary of Terms	17	⁷ Gl
Al: Accreditations & Locations	18	⁸ Al
Sc: Sample Chain of Custody	19	⁹ Sc

SOURCE #1 L1219344-01 GW

				Collected by B. Hall	Collected date/time 05/15/20 09:20	Received date/time 05/16/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1479786	1	05/21/20 14:44	05/22/20 11:40	JNJ	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

UP GRADIENT L1219344-02 GW

				Collected by B. Hall	Collected date/time 05/15/20 09:10	Received date/time 05/16/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1479786	1	05/21/20 14:44	05/22/20 02:53	JNJ	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

SOURCE #2 L1219344-03 GW

				Collected by B. Hall	Collected date/time 05/15/20 09:37	Received date/time 05/16/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1479786	1	05/21/20 14:44	05/26/20 04:45	AO	Mt. Juliet, TN

7 Gl

8 Al

DOWN GRADIENT L1219344-04 GW

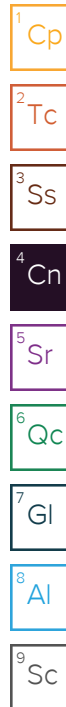
				Collected by B. Hall	Collected date/time 05/15/20 10:00	Received date/time 05/16/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1479786	1	05/21/20 14:44	05/22/20 03:16	JNJ	Mt. Juliet, TN

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.



Jared Starkey
Project Manager



Collected date/time: 05/15/20 09:20

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND		0.00100	1	05/22/2020 11:40	WG1479786	¹ Cp
Acenaphthylene	ND		0.00100	1	05/22/2020 11:40	WG1479786	² Tc
Anthracene	ND		0.00100	1	05/22/2020 11:40	WG1479786	³ Ss
Benzidine	ND		0.0100	1	05/22/2020 11:40	WG1479786	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/22/2020 11:40	WG1479786	⁵ Sr
Benzo(b)fluoranthene	ND		0.00100	1	05/22/2020 11:40	WG1479786	⁶ Qc
Benzo(k)fluoranthene	ND		0.00100	1	05/22/2020 11:40	WG1479786	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/22/2020 11:40	WG1479786	⁸ Al
Benzo(a)pyrene	ND		0.000200	1	05/22/2020 11:40	WG1479786	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/22/2020 11:40	WG1479786	
4-Bromophenyl-phenylether	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2-Chloronaphthalene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
4-Chlorophenyl-phenylether	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Chrysene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Dibenz(a,h)anthracene	ND		0.000200	1	05/22/2020 11:40	WG1479786	
1,2-Dichlorobenzene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
1,3-Dichlorobenzene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
1,4-Dichlorobenzene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
3,3-Dichlorobenzidine	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,4-Dinitrotoluene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,6-Dinitrotoluene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Fluoranthene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Fluorene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Hexachlorobenzene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Hexachlorocyclopentadiene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Hexachloroethane	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Isophorone	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Naphthalene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Nitrobenzene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
n-Nitrosodimethylamine	ND		0.0100	1	05/22/2020 11:40	WG1479786	
n-Nitrosodiphenylamine	ND		0.0100	1	05/22/2020 11:40	WG1479786	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Phenanthrene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
Benzylbutyl phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Di-n-butyl phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Diethyl phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Dimethyl phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Di-n-octyl phthalate	ND		0.00300	1	05/22/2020 11:40	WG1479786	
Pyrene	ND		0.00100	1	05/22/2020 11:40	WG1479786	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/22/2020 11:40	WG1479786	
4-Chloro-3-methylphenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2-Chlorophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,4-Dichlorophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,4-Dimethylphenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
4,6-Dinitro-2-methylphenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,4-Dinitrophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2-Nitrophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
4-Nitrophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Pentachlorophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
Phenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	
2,4,6-Trichlorophenol	ND		0.0100	1	05/22/2020 11:40	WG1479786	

Collected date/time: 05/15/20 09:20

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	42.8		10.0-120		05/22/2020 11:40	WG1479786
(S) Phenol-d5	30.8		10.0-120		05/22/2020 11:40	WG1479786
(S) Nitrobenzene-d5	52.3		10.0-127		05/22/2020 11:40	WG1479786
(S) 2-Fluorobiphenyl	71.6		10.0-130		05/22/2020 11:40	WG1479786
(S) 2,4,6-Tribromophenol	78.4		10.0-155		05/22/2020 11:40	WG1479786
(S) p-Terphenyl-d14	84.7		10.0-128		05/22/2020 11:40	WG1479786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 05/15/20 09:10

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND		0.00100	1	05/22/2020 02:53	WG1479786	¹ Cp
Acenaphthylene	ND		0.00100	1	05/22/2020 02:53	WG1479786	² Tc
Anthracene	ND		0.00100	1	05/22/2020 02:53	WG1479786	³ Ss
Benzidine	ND		0.0100	1	05/22/2020 02:53	WG1479786	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/22/2020 02:53	WG1479786	⁵ Sr
Benzo(b)fluoranthene	ND		0.00100	1	05/22/2020 02:53	WG1479786	⁶ Qc
Benzo(k)fluoranthene	ND		0.00100	1	05/22/2020 02:53	WG1479786	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/22/2020 02:53	WG1479786	⁸ Al
Benzo(a)pyrene	ND		0.000200	1	05/22/2020 02:53	WG1479786	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/22/2020 02:53	WG1479786	
4-Bromophenyl-phenylether	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2-Chloronaphthalene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
4-Chlorophenyl-phenylether	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Chrysene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Dibenz(a,h)anthracene	ND		0.000200	1	05/22/2020 02:53	WG1479786	
1,2-Dichlorobenzene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
1,3-Dichlorobenzene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
1,4-Dichlorobenzene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
3,3-Dichlorobenzidine	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,4-Dinitrotoluene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,6-Dinitrotoluene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Fluoranthene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Fluorene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Hexachlorobenzene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Hexachlorocyclopentadiene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Hexachloroethane	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Isophorone	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Naphthalene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Nitrobenzene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
n-Nitrosodimethylamine	ND		0.0100	1	05/22/2020 02:53	WG1479786	
n-Nitrosodiphenylamine	ND		0.0100	1	05/22/2020 02:53	WG1479786	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Phenanthrene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
Benzylbutyl phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Di-n-butyl phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Diethyl phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Dimethyl phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Di-n-octyl phthalate	ND		0.00300	1	05/22/2020 02:53	WG1479786	
Pyrene	ND		0.00100	1	05/22/2020 02:53	WG1479786	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/22/2020 02:53	WG1479786	
4-Chloro-3-methylphenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2-Chlorophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,4-Dichlorophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,4-Dimethylphenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
4,6-Dinitro-2-methylphenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,4-Dinitrophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2-Nitrophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
4-Nitrophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Pentachlorophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
Phenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	
2,4,6-Trichlorophenol	ND		0.0100	1	05/22/2020 02:53	WG1479786	

Collected date/time: 05/15/20 09:10

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	43.8		10.0-120		05/22/2020 02:53	WG1479786
(S) Phenol-d5	26.8		10.0-120		05/22/2020 02:53	WG1479786
(S) Nitrobenzene-d5	57.2		10.0-127		05/22/2020 02:53	WG1479786
(S) 2-Fluorobiphenyl	75.1		10.0-130		05/22/2020 02:53	WG1479786
(S) 2,4,6-Tribromophenol	71.3		10.0-155		05/22/2020 02:53	WG1479786
(S) p-Terphenyl-d14	79.3		10.0-128		05/22/2020 02:53	WG1479786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 05/15/20 09:37

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND		0.00100	1	05/26/2020 04:45	WG1479786	¹ Cp
Acenaphthylene	ND		0.00100	1	05/26/2020 04:45	WG1479786	² Tc
Anthracene	ND		0.00100	1	05/26/2020 04:45	WG1479786	³ Ss
Benzidine	ND		0.0100	1	05/26/2020 04:45	WG1479786	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/26/2020 04:45	WG1479786	⁵ Sr
Benzo(b)fluoranthene	ND		0.00100	1	05/26/2020 04:45	WG1479786	⁶ Qc
Benzo(k)fluoranthene	ND		0.00100	1	05/26/2020 04:45	WG1479786	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/26/2020 04:45	WG1479786	⁸ Al
Benzo(a)pyrene	ND		0.000200	1	05/26/2020 04:45	WG1479786	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/26/2020 04:45	WG1479786	
4-Bromophenyl-phenylether	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2-Chloronaphthalene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
4-Chlorophenyl-phenylether	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Chrysene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Dibenz(a,h)anthracene	ND		0.000200	1	05/26/2020 04:45	WG1479786	
1,2-Dichlorobenzene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
1,3-Dichlorobenzene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
1,4-Dichlorobenzene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
3,3-Dichlorobenzidine	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,4-Dinitrotoluene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,6-Dinitrotoluene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Fluoranthene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Fluorene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Hexachlorobenzene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Hexachlorocyclopentadiene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Hexachloroethane	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Isophorone	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Naphthalene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Nitrobenzene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
n-Nitrosodimethylamine	ND		0.0100	1	05/26/2020 04:45	WG1479786	
n-Nitrosodiphenylamine	ND		0.0100	1	05/26/2020 04:45	WG1479786	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Phenanthrene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
Benzylbutyl phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Di-n-butyl phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Diethyl phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Dimethyl phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Di-n-octyl phthalate	ND		0.00300	1	05/26/2020 04:45	WG1479786	
Pyrene	ND		0.00100	1	05/26/2020 04:45	WG1479786	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/26/2020 04:45	WG1479786	
4-Chloro-3-methylphenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2-Chlorophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,4-Dichlorophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,4-Dimethylphenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
4,6-Dinitro-2-methylphenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,4-Dinitrophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2-Nitrophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
4-Nitrophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Pentachlorophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
Phenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	
2,4,6-Trichlorophenol	ND		0.0100	1	05/26/2020 04:45	WG1479786	

Collected date/time: 05/15/20 09:37

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	37.4		10.0-120		05/26/2020 04:45	WG1479786
(S) Phenol-d5	25.4		10.0-120		05/26/2020 04:45	WG1479786
(S) Nitrobenzene-d5	47.7		10.0-127		05/26/2020 04:45	WG1479786
(S) 2-Fluorobiphenyl	58.2		10.0-130		05/26/2020 04:45	WG1479786
(S) 2,4,6-Tribromophenol	57.1		10.0-155		05/26/2020 04:45	WG1479786
(S) p-Terphenyl-d14	76.3		10.0-128		05/26/2020 04:45	WG1479786

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 05/15/20 10:00

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch	
Acenaphthene	ND		0.00100	1	05/22/2020 03:16	WG1479786	¹ Cp
Acenaphthylene	ND		0.00100	1	05/22/2020 03:16	WG1479786	² Tc
Anthracene	ND		0.00100	1	05/22/2020 03:16	WG1479786	³ Ss
Benzidine	ND		0.0100	1	05/22/2020 03:16	WG1479786	⁴ Cn
Benzo(a)anthracene	ND		0.00100	1	05/22/2020 03:16	WG1479786	⁵ Sr
Benzo(b)fluoranthene	ND		0.00100	1	05/22/2020 03:16	WG1479786	⁶ Qc
Benzo(k)fluoranthene	ND		0.00100	1	05/22/2020 03:16	WG1479786	⁷ Gl
Benzo(g,h,i)perylene	ND		0.00100	1	05/22/2020 03:16	WG1479786	⁸ Al
Benzo(a)pyrene	ND		0.000200	1	05/22/2020 03:16	WG1479786	⁹ Sc
Bis(2-chlorethoxy)methane	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Bis(2-chloroethyl)ether	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	05/22/2020 03:16	WG1479786	
4-Bromophenyl-phenylether	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2-Chloronaphthalene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
4-Chlorophenyl-phenylether	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Chrysene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Dibenz(a,h)anthracene	ND		0.000200	1	05/22/2020 03:16	WG1479786	
1,2-Dichlorobenzene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
1,3-Dichlorobenzene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
1,4-Dichlorobenzene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
3,3-Dichlorobenzidine	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,4-Dinitrotoluene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,6-Dinitrotoluene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Fluoranthene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Fluorene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Hexachlorobenzene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Hexachloro-1,3-butadiene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Hexachlorocyclopentadiene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Hexachloroethane	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Isophorone	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Naphthalene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Nitrobenzene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
n-Nitrosodimethylamine	ND		0.0100	1	05/22/2020 03:16	WG1479786	
n-Nitrosodiphenylamine	ND		0.0100	1	05/22/2020 03:16	WG1479786	
n-Nitrosodi-n-propylamine	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Phenanthrene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
Benzylbutyl phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Di-n-butyl phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Diethyl phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Dimethyl phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Di-n-octyl phthalate	ND		0.00300	1	05/22/2020 03:16	WG1479786	
Pyrene	ND		0.00100	1	05/22/2020 03:16	WG1479786	
1,2,4-Trichlorobenzene	ND		0.0100	1	05/22/2020 03:16	WG1479786	
4-Chloro-3-methylphenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2-Chlorophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,4-Dichlorophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,4-Dimethylphenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
4,6-Dinitro-2-methylphenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,4-Dinitrophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2-Nitrophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
4-Nitrophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Pentachlorophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
Phenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	
2,4,6-Trichlorophenol	ND		0.0100	1	05/22/2020 03:16	WG1479786	

Collected date/time: 05/15/20 10:00

L1219344

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 2-Fluorophenol	38.7		10.0-120		05/22/2020 03:16	WG1479786
(S) Phenol-d5	21.6		10.0-120		05/22/2020 03:16	WG1479786
(S) Nitrobenzene-d5	64.4		10.0-127		05/22/2020 03:16	WG1479786
(S) 2-Fluorobiphenyl	82.3		10.0-130		05/22/2020 03:16	WG1479786
(S) 2,4,6-Tribromophenol	79.6		10.0-155		05/22/2020 03:16	WG1479786
(S) p-Terphenyl-d14	90.5		10.0-128		05/22/2020 03:16	WG1479786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Released to Imaging: 4/26/2022 8:14:04 AM

WG1479786

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

L1219344-01,02,03,04

Method Blank (MB)

(MB) R3530797-2 05/22/20 01:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Anthracene	U		0.0000804	0.00100
Benzydine	U		0.00374	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzo(b)fluoranthene	U		0.000130	0.00100
Benzo(k)fluoranthene	U		0.000120	0.00100
Benzo(g,h,i)perylene	U		0.000121	0.00100
Benzo(a)pyrene	U		0.0000381	0.000200
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Chrysene	U		0.000130	0.00100
Dibenz(a,h)anthracene	U		0.0000644	0.000200
1,2-Dichlorobenzene	U		0.0000713	0.0100
1,3-Dichlorobenzene	U		0.000132	0.0100
1,4-Dichlorobenzene	U		0.0000942	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodimethylamine	U		0.000998	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300

ACCOUNT:

EnviroTech- NM

PROJECT:

97057-1112

SDG:

L1219344

DATE/TIME:

05/26/20 09:28

PAGE:

13 of 19

Received by OCD: 10/20/2020 6:54:36 AM

1

2

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5

6
Qc

7
Gl

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Page 117 of 131

Released to Imaging: 4/26/2022 8:14:04 AM

WG1479786

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Received by OCD: 10/20/2020 6:54:36 AM

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

L1219344-01,02,03,04

Method Blank (MB)

(MB) R3530797-2 05/22/20 01:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) Nitrobenzene-d5	57.2			10.0-127
(S) 2-Fluorobiphenyl	70.4			10.0-130
(S) p-Terphenyl-d14	77.1			10.0-128
(S) Phenol-d5	29.7			10.0-120
(S) 2-Fluorophenol	48.8			10.0-120
(S) 2,4,6-Tribromophenol	68.0			10.0-155

Laboratory Control Sample (LCS)

(LCS) R3530797-1 05/22/20 01:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0386	77.2	41.0-120	
Acenaphthylene	0.0500	0.0434	86.8	43.0-120	
Anthracene	0.0500	0.0414	82.8	45.0-120	
Benzidine	0.100	0.0142	14.2	10.0-120	
Benzo(a)anthracene	0.0500	0.0438	87.6	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0439	87.8	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0426	85.2	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0437	87.4	48.0-121	
Benzo(a)pyrene	0.0500	0.0450	90.0	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0372	74.4	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0392	78.4	23.0-120	

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WG1479786

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Received by OCD: 10/20/2020 6:54:36 AM
1
2
3
4
5
6 Qc
7 Gl
8 Al
9 Sc
Page 119 of 131

Laboratory Control Sample (LCS)

(LCS) R3530797-1 05/22/20 01:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2,2-Oxybis(1-Chloropropane)	0.0500	0.0377	75.4	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0431	86.2	45.0-120	
2-Chloronaphthalene	0.0500	0.0398	79.6	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0418	83.6	44.0-120	
Chrysene	0.0500	0.0413	82.6	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0402	80.4	47.0-120	
1,2-Dichlorobenzene	0.0500	0.0362	72.4	20.0-120	
1,3-Dichlorobenzene	0.0500	0.0353	70.6	17.0-120	
1,4-Dichlorobenzene	0.0500	0.0351	70.2	18.0-120	
3,3-Dichlorobenzidine	0.100	0.0870	87.0	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0433	86.6	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0426	85.2	46.0-120	
Fluoranthene	0.0500	0.0412	82.4	51.0-120	
Fluorene	0.0500	0.0409	81.8	47.0-120	
Hexachlorobenzene	0.0500	0.0418	83.6	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0355	71.0	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0289	57.8	15.0-120	
Hexachloroethane	0.0500	0.0351	70.2	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0415	83.0	49.0-122	
Isophorone	0.0500	0.0361	72.2	36.0-120	
Naphthalene	0.0500	0.0344	68.8	27.0-120	
Nitrobenzene	0.0500	0.0345	69.0	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0223	44.6	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0418	83.6	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0395	79.0	31.0-120	
Phenanthrene	0.0500	0.0402	80.4	46.0-120	
Benzylbutyl phthalate	0.0500	0.0417	83.4	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0408	81.6	43.0-122	
Di-n-butyl phthalate	0.0500	0.0444	88.8	49.0-121	
Diethyl phthalate	0.0500	0.0426	85.2	48.0-122	
Dimethyl phthalate	0.0500	0.0425	85.0	48.0-120	
Di-n-octyl phthalate	0.0500	0.0402	80.4	42.0-125	
Pyrene	0.0500	0.0437	87.4	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0340	68.0	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0371	74.2	40.0-120	
2-Chlorophenol	0.0500	0.0371	74.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0378	75.6	36.0-120	
2,4-Dimethylphenol	0.0500	0.0355	71.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0457	91.4	38.0-138	
2,4-Dinitrophenol	0.0500	0.0522	104	10.0-120	



ACCOUNT:
EnviroTech- NM

PROJECT:
97057-1112

SDG:
L1219344

DATE/TIME:
05/26/20 09:28

PAGE:
15 of 19

Released to Imaging: 4/26/2022 8:14:04 AM

WG1479786

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

[L1219344-01,02,03,04](#)

Laboratory Control Sample (LCS)

(LCS) R3530797-1 05/22/20 01:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Nitrophenol	0.0500	0.0387	77.4	31.0-120	
4-Nitrophenol	0.0500	0.0209	41.8	10.0-120	
Pentachlorophenol	0.0500	0.0494	98.8	23.0-120	
Phenol	0.0500	0.0177	35.4	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0437	87.4	42.0-120	
(S) Nitrobenzene-d5			59.8	10.0-127	
(S) 2-Fluorobiphenyl			84.2	10.0-130	
(S) p-Terphenyl-d14			87.7	10.0-128	
(S) Phenol-d5			34.6	10.0-120	
(S) 2-Fluorophenol			54.5	10.0-120	
(S) 2,4,6-Tribromophenol			89.5	10.0-155	

Received by OCD: 10/20/2020 6:54:36 AM

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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.

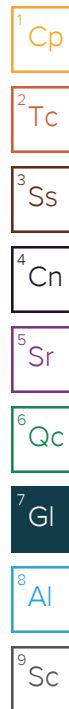
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



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	LA000356
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.



Page 123 of 131

APPENDIX C

Regulatory Correspondence



Practical Solutions for a Better Tomorrow

From: [Long, Thomas](#)
To: ["Smith, Cory, EMNRD \(Cory.Smith@state.nm.us\)"; Brandon Powell \(brandon.powell@state.nm.us\)](#)
Cc: [Stone, Brian](#)
Subject: FW: Trunk F Hydro Test Release - UL D Section 25 T29N R10W; 36.701769, -107.843899
Date: Thursday, May 28, 2020 1:47:00 PM
Attachments: [Sample Locations.pdf](#)
[Summary of Analytical Results_05282020.pdf](#)
[P005020 Envirotech2_v24 FINAL 05 14 20 1326.pdf](#)
[P005021 Envirotech2_v24 FINAL 05 14 20 1338.pdf](#)
[P005047 Envirotech2_v24 FINAL 05 26 20 1038.pdf](#)

Cory,

Please find the attached site map, summary table and lab reports for the second sampling event at the Trunk F release site that were collected on May 15, 2020. All sample results are below the NMWQCC standards except for sulfates, nitrates and fluorides. The lab detection limits for fluoride and nitrite was higher than the regulatory standards the first sampling event. The 2nd sampling event detected both constituents above regulatory standard at Source #1. Based on the lab results for the hydrostatic test water and other samples, these constituents are naturally occurring. If you have any questions, please call or email.

Thomas J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401
505-599-2286 (office)
505-215-4727 (Cell)
tjlong@eprod.com



From: Long, Thomas
Sent: Thursday, May 14, 2020 12:08 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; Brandon Powell (brandon.powell@state.nm.us) <brandon.powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Trunk F Hydro Test Release - UL D Section 25 T29N R10W; 36.701769, -107.843899

Cory,

This email is to notify you that Enterprise will be collecting water samples at the Trunk F Release site tomorrow, May 15, 2020 at 9:00 a.m. The samples will be collected from the identical locations from the first sampling event and will be analyzed per USEPA Methods 8260, 6010 RCRA Metals, Cation/Anions and Method 8270. If you have any questions, please call or email.

Thomas J. Long

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From: Long, Thomas
Sent: Tuesday, May 12, 2020 8:07 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; Brandon Powell (brandon.powell@state.nm.us) <brandon.powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Trunk F Hydro Test Release - UL D Section 25 T29N R10W; 36.701769, -107.843899

Cory,

Please find the attached draft sample location map, summary table and preliminary lab reports for the Trunk F Hydro Test release. All results are below NMWQCC standards except sulfates and TDS which are both above standards in the upstream sample. We are still waiting on the 8270 compounds. Additional remediation seems unnecessary. If you have any questions, please call or email.

**Thomas J. Long
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tjlong@eprod.com**



From: Long, Thomas
Sent: Monday, May 11, 2020 12:23 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; Brandon Powell (brandon.powell@state.nm.us) <brandon.powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Trunk F Hydro Test Release - UL D Section 25 T29N R10W; 36.701769, -107.843899

Cory,

This email is a follow up to our phone conversation earlier. Envirotech collected water samples for analysis per USEPA Methods 8260, 6010 RCRA Metals, Cation/Anions and 8270 last Friday, May 8, 2020, from an upstream location, two source sample locations, a downstream sample location and a sample of the source water after removal from the pipeline. Some of the sample analytical results should be in this afternoon, but we should have all or a majority of the results by Wednesday, May 13, 2020. Enterprise will supply NMOCD with analytical reports and summaries of the analyses and the data as it is received.

Enterprise Land Department has reached out the land owners Charles David McDaniel and Jacinda Revoc to informed them of the incident.

Because of the difficult access to this release site, if sample results indicate contaminant concentrations exceed the NMWQCC standards, and if applicable per contaminant, Enterprise may utilize the following remediation options:

1. Application of Microbe Enhanced Sphag Sorb to the water surface to enhance bioremediation.
2. Deploy some type of aeration system to enhance oxidation/remediation of contaminants.
3. Ongoing sampling and monitoring for natural attenuation.
4. Or a combination of these options.

These potential remediation options will be implement based of the availability of supplies and equipment, but as soon as practicable. Ongoing sampling and monitoring can be performed as needed.

Enterprise is evaluating methods of repair, abandonment and/or replacement for this section of the Trunk F pipeline. If replacement is deemed required, proper permitting through the Army Corp of Engineers is anticipated.

If you have any questions, please call or email.

Thomas J. Long
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505-599-2286 (office)

505-215-4727 (Cell)

tjlong@eprod.com



From: Long, Thomas

Sent: Monday, May 11, 2020 8:24 AM

To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>

Cc: Stone, Brian <bmstone@eprod.com>

Subject: RE: Trunk F Hydro Test Release - UL D T29N R10W; 36.701769, -107.843899

Cory,

Envirotech collected samples for 8260, 6010 RCRA Metals, Cation/Anions and 8270 last Friday from an upstream sample, two source samples, a downstream sample and a sample of the source water after removal from the pipeline. The land owners are Charles David McDaniel and Jacinda Revoc according to the San Juan tax assessor. I will have our Land Department reach out to them and let the know Enterprise is working with NMOCD. If you have any questions, please call or email.

Thomas J. Long
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From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Sent: Monday, May 11, 2020 8:14 AM

To: Long, Thomas <tjlong@eprod.com>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>

Cc: Stone, Brian <bmstone@eprod.com>

Subject: [EXTERNAL] RE: Trunk F Hydro Test Release - UL D T29N R10W; 36.701769, -107.843899

[Use caution with links/attachments]

Tom,

As we discussed on Friday please collect water samples at a minimum at the source, down stream about ~50ft and a sample from the liquids used in the hydrotest. The samples need to be analyzed for BTEX (8250), ph, TDS, Cation/Anions. In addition if there is any floating hydrocarbons Enterprise needs to recover as much as possible. Finally Could you please provide me the contact information of the land owner?

Thank you,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Long, Thomas <tjlong@eprod.com>
Sent: Friday, May 8, 2020 1:33 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: [EXT] Trunk F Hydro Test Release - UL D T29N R10W; 36.701769, -107.843899

Cory,

The email is to notify you that Enterprise had a release of hydro-static water (potable water), residual condensate and nontoxic dye today, May 8, 2020 at approximately 12:00 P.M on the Trunk F Pipeline. The release was identified to be located in a swamp/marsh. The release is located on land at UL D T29N R10W; 36.701769, -107.843899. I arrived onsite at approximately 12:30 p.m. to evaluate the release site. Approximately ten barrels of portable water, residual condensate and red non-toxic dye was released to the swamp/marsh. There is an approximate area on the water surface of 2 feet in diameter with a visible oily sheen. The red non-toxic dye has already dissipated.

Envirotech, Inc. is mobilizing to install absorbent pads on the visible sheen area and to collect water samples. Enterprise will continue response actions as necessary. I have attached some photos. It should be the same dye as last time just red.

If you have any questions, please call or email.

Thomas J. Long
Senior Environmental Scientist
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614 Reilly Ave.n
Farmington, New Mexico 87401

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505-215-4727 (Cell)

tjlong@eprod.com



This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 10745

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 10745
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	4/26/2022