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)*: **NRM2007659740**
Contact mailing address: **614 Reilly Ave, Farmington, NM 87401**	

Location of Release Source

Latitude **36.705022** Longitude **-107.916731** *(NAD 83 in decimal degrees to 5 decimal places)*

Site Name **Lateral 2B-31**	Site Type **Natural Gas Gathering Pipeline**
Date Release Discovered: **03/20/2020**	Serial Number *(if applicable)*: **NA**

Unit Letter	Section	Township	Range	County
P	**19**	**29N**	**10W**	**San Juan**

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name*: Ray L. Miller and Martin Nancy)

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):	Volume Recovered (bbls):
☐ Natural Gas	Volume Released (Mcf):	Volume Recovered (Mcf):
☒ Other (describe) **Hydro-static Test Water**	Volume/Weight Released (provide units): **Estimate 300 BBLs**	Volume/Weight Recovered (provide units) **Unknown**

Cause of Release: On March 10, 2020, Enterprise discovered a release of hydro-static test water and condensate from the Lateral 2B-31 pipeline. A hydro-static test was initiated on March 7, 2020 when a pressure loss was observed. The test was subsequently terminated and Enterprise initiated a search for the release point. The release point was not located until March 10, 2020, after addition of a nontoxic tracer dye. The release point was identified to be located in a swamp/marsh. An area of approximately 30 feet in diameter on the water surface had a visible oily sheen. Enterprise mobilized Envirotech, Inc. to install booms downstream of the plume and collect water samples per the NMOCD representative. Enterprise mobilized a vacuum truck and captured the majority of the sheen floating on the water and removal of water impacted by the released fluids. Additional water sampling and monitoring was performed over the subsequent two months to evaluate contaminant concentrations in the swamp/marsh. Analytical results indicate contaminant concentrations are below New Mexico Water Quality Control Commission standards. A third party corrective action report is included with this "Final C-141."

State of New Mexico
Oil Conservation Division

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: Jon E. Fields 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: Nelson Velez Date: 05/17/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

envirotech

June 2, 2020

Project #97057-1097
Incident #nRM2007659740

Mr. Tom Long
Enterprise Field Services, LLC
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 LATERAL 2B-31 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 Lateral 2B-31 Hydrostatic Test Release, Bloomfield, 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

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:
LATERAL 2B-31 HYDROSTATIC TEST RELEASE
SECTION 19, TOWNSHIP 29N, RANGE 10W
SAN JUAN COUNTY, NEW MEXICO
INCIDENT #NRM2007659740

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

PROJECT #97057-1097
MARCH - MAY 2020

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
24 Hour Emergency Response Phone (800) 362-1879
envirotech-inc.com
info@envirotech-inc.com

ENTERPRISE FIELD SERVICES, LLC
EMERGENCY SPILL RESPONSE, ASSESSMENT, AND CLOSURE REPORT
INCIDENT #NRM2007659740
LATERAL 2B-31 HYDROSTATIC TEST RELEASE
SECTION 19, TOWNSHIP 29N, RANGE 10W
SAN JUAN COUNTY, NEW MEXICO

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envirotech

Practical Solutions for a Better Tomorrow

Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Enterprise Field Services, LLC (Enterprise) to provide emergency spill response, remediation monitoring, and confirmation sampling activities for a fluid release consisting of condensate, hydrostatic test water (potable water), and nontoxic tracer dye. The release impacted a marsh located south of County Road 4997, Bloomfield, New Mexico; see **Figure 1, *Vicinity Map***.

The release source location is further identified as Latitude: 36.705022, Longitude: -107.916731, and the release terminus as Latitude: 36.70500, -107.91740. Release extents are illustrated on **Figure 2, *Site Map***.

Emergency Spill Response

Envirotech was initially contacted by Enterprise on March 10, 2020, with a request for emergency spill response services at the above-referenced location. Upon arrival to the site Envirotech personnel completed a site assessment prior to commencement of field work. The assessment included a review of the tracer dye's Safety Data Sheet, which was determined to be a nontoxic material. A copy of the SDS is included in **Appendix A, *Bright Dyes FLT Yellow/Green Liquid SDS***.

Initial response measures included the deployment of absorbent booms at the terminus (where tracer dye was no longer visible) in order to prevent further migration of the contaminants. A hydro-vacuum truck was also dispatched to the site to begin removal of the contaminated water.

Water Sample Collection

In order to establish a baseline for the concentrations of contaminants of concern (COC), on March 10, 2020, four (4) surface water samples were collected for laboratory analysis from within the impact area. The sample points were marked in the field using survey lath stakes and identified as West of Terminal, Terminal, West of Source, and Source. On March 11, 2020, an additional baseline sample was collected from the truck containing the hydrostatic test water. Water sample locations are illustrated in **Figure 2, *Site Map*** and **Appendix B, *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:

- Resource Conservation and Recovery Act (RCRA) total metals per United States Environmental Protection Agency (EPA) Method 6010C and EPA Method 7470A. The

metals included in the analysis were arsenic; barium; cadmium; chromium; lead; mercury; selenium; and silver;

- Volatile organic compounds (VOCs) per EPA Method 8260B;
- Semi-VOCs per EPA Method 8720C;
- Total dissolved solids (TDS) per Standard Method 2540C; and
- Cations/anions per EPA Methods 6010C, 9056A, and 300.0.

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 Remediation Monitoring Analytical Results*** and laboratory reports are provided in **Appendix C*, Laboratory Analytical Reports***.

Notable results above regulatory standards for surface water samples collected within the impact area include:

- Benzene in all samples;
- Toluene, total xylenes, and 1,2-Dichloropropane in Source and West of Source;
- 1,2-Dichloroethane (EDC) in West of Source; and
- TDS and sulfates in all samples.

Laboratory analysis for semi-VOCs, RCRA Metals, and cation/anions were below the applicable WQCC standards with the exception of TDS and sulfates; therefore, these results were used to close the release for the associated contaminants of concern. The laboratory results used for release closure are summarized on **Table 2, *Summary of Release Closure Analytical Results*** and in the analytical report identified as #P003052.

Spill Remediation and Monitoring

Enterprise personnel conducted remediation activities at the site between March 10 – March 20, 2020, which included removal of petroleum hydrocarbon and nontoxic dye contaminated water utilizing hydro-vacuum trucks. A total of 8,240 barrels of contaminated water was removed and transported to Envirotech's New Mexico Oil Conservation Division (NMOCD) permitted remediation facility located near Hilltop, New Mexico. Disposal documentation is provided in the enclosed **Appendix D, *Waste Disposal Documentation.***

The remediation progress was monitored by collecting surface water samples. Details of the monitoring activities and results are discussed in the sections below and results are summarized in **Table 1, *Summary of Remediation Monitoring Analytical Results.***

Surface Water Sample Collection – March 13, 2020

Remediation progress was monitored by Envirotech personnel who collected surface water samples for laboratory analysis on March 13, 2020. Sample locations included the four (4) original sampling points and three (3) new sampling points identified as Down Gradient 1, Down Gradient 2, and Upstream; all sample locations are illustrated in **Figure 2, *Site Map.***

Sample collection protocol followed the baseline sampling discussed in the previous section of this report. However, per NMOCD, laboratory analysis for semi-VOCs, RCRA Metals, and cation/anions were omitted from the four (4) original sampling points as COCs were below the WQCC standards with the exception of TDS and sulfates. Copies of the correspondence with NMOCD are provided in the enclosed **Appendix E, *Regulatory Correspondence***.

Laboratory Analytical Results

All samples collected reported concentration of TDS and sulfates above the WQCC standard. The Upstream sample was used as a comparative background for TDS and sulfate concentrations. Based on the similar concentrations in the Upstream sample for the specific constituents, it was determined that the background concentration for these parameters is above WQCC standards and are not a result of the subject release. These sampling parameters were subsequently removed from the monitoring protocol.

With the exception of TDS and sulfates, all COCs were below WQCC standards for Down Gradient 1 and Down Gradient 2 samples. Benzene remained above the applicable standard in samples identified as West of Terminal, West of Source, and Source. 1,2-Dichloropropane remained above standard in the Source sample also.

The laboratory results for the down gradient samples used for release closure are summarized on **Table 2, *Summary of Release Closure Analytical Results*** and in the analytical report identified as #P003082.

Surface Water Sample Collection – March 19, 2020

Envirotech continued monitoring the remediation on March 19, 2020, by collecting samples from the four (4) original sampling points and the two (2) down gradient sampling points. The sample collection followed previously discussed protocol and were analyzed for VOCs per EPA Method 8260B.

Laboratory Analytical Results

All samples collected reported concentrations of COCs below applicable WQCC standards except for benzene in the samples identified as Terminal (0.0085 mg/L), West of Source (0.00515 mg/L), and Source (0.0115 mg/L).

Surface Water Sample Collection – March 24, 2020

Envirotech continued monitoring the remediation on March 24, 2020, by collecting samples from the four (4) original sampling points and the two (2) down gradient sampling points. The sample collection followed previously discussed protocol and were analyzed for VOCs per EPA Method 8260B.

Laboratory Analytical Results

All samples collected reported concentrations of COCs below applicable WQCC standards except for benzene in the samples identified as Terminal (0.00600 mg/L) and Source (0.00649 mg/L).

Spill Closure Sampling and Analysis

Confirmation Water Sample Collection – April 16, 2020 and May 21, 2020

Upon completion of the removal of visibly contaminated water, Envirotech personnel returned to the site to collect confirmation water samples. Samples were collected from the four (4) original sampling points and the two (2) down gradient sampling points. The sample collection followed previously discussed protocol and were analyzed for VOCs per EPA Method 8260B.

Laboratory Analytical Results

All samples collected reported concentrations of COCs below applicable WQCC standards for all VOCs analyzed. Note that concentrations of VOCs were reported below laboratory detection limits in both down gradient samples. Confirmation sample results used for release closure are summarized on **Table 2, *Summary of Release Closure Analytical Results*** and in the analytical report identified as #P004063 and P005072.

Biological Assessment

On March 25, 2020, SME Environmental Consultants (SME) completed an assessment of the release area to determine the degree of impacts to the vegetation. SME personnel noted no observable residual impact to the surface water. Observed impacts from cleanup activities included trampling of vegetation in the area as well as surface rutting from truck traffic.

Recommendations from SME's biologist included that the site be reseeded or allow the vegetation to proliferate on its own.

Furthermore, in a letter report dated May 26, 2020, SME provided additional discussion regarding the potential impact to aquatic life within the release area. The report concluded that loss of wildlife as a result of toxicity appears to be unlikely due to the low levels of contaminants reported. The complete assessment report is provided in **Appendix F, *SME Assessment Report.***

Summary and Conclusions

On March 10-24, 2020, Envirotech personnel completed emergency response, remediation monitoring, and confirmation sampling activities for a pipeline release that occurred in a marsh off County Road 4997, Bloomfield, San Juan County, New Mexico.

Based on the initial laboratory analytical results for metals, semi-VOCs, and final laboratory analytical results for VOCs, all COCs are below applicable WQCC standards. Cations/anions 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.

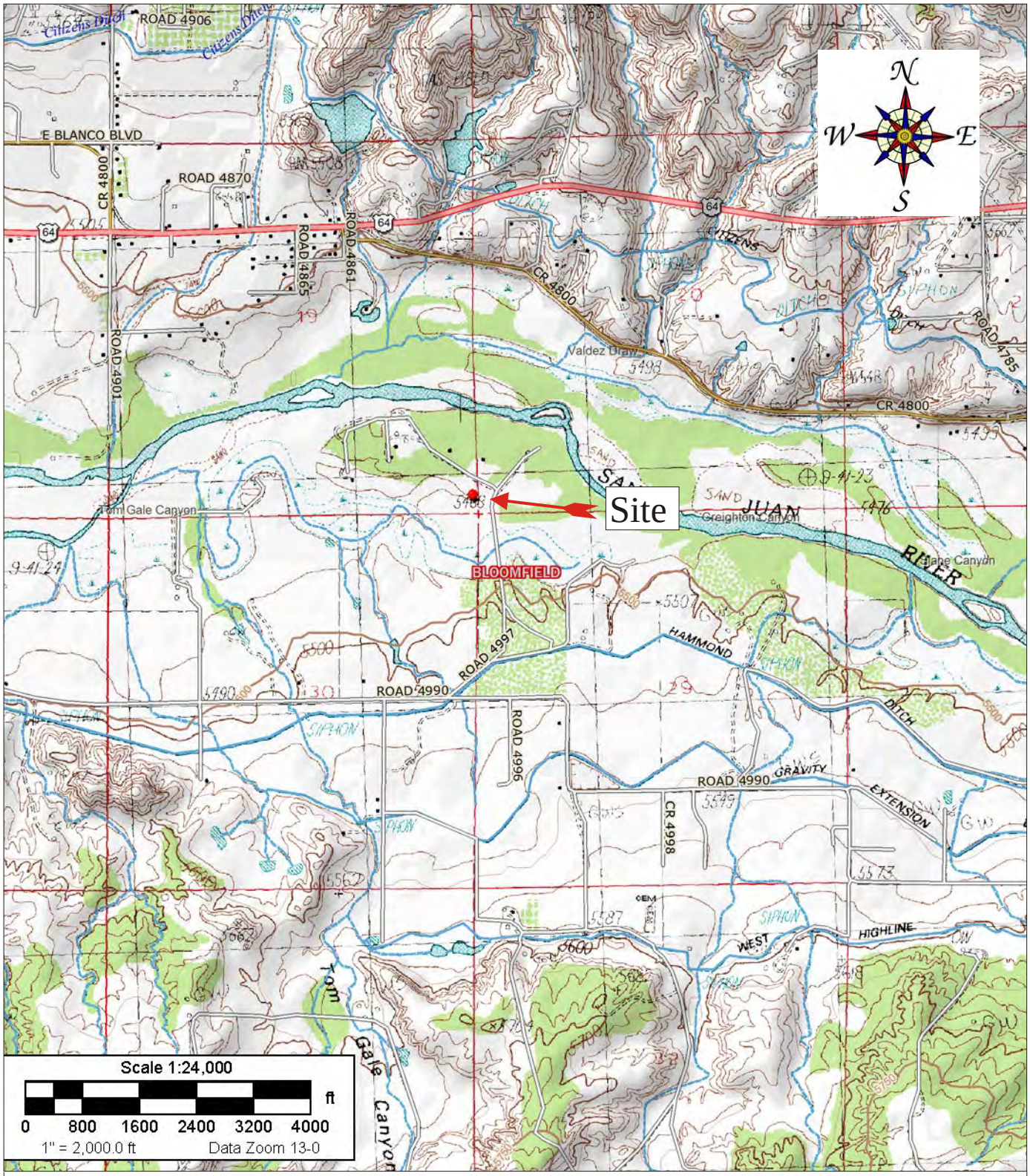
Respectfully submitted,
ENVIROTECH, INC.

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

Reviewed by:

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

FIGURES



Source: 7.5 Minute, Bloomfield, 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 Lateral 2B-31 Hydrostatic Test Release Section 19, Township 29N, Range 10W San Juan County, New Mexico Incident #nRM20067659740	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure #1	
Project Number: 97057-1097 / Date Drawn: 4/6/2020		DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon

Figure 2, Site Map

Enterprise Field Services, LLC
Spill Assessment and Closure Report
Lateral 2B-31 Hydrostatic Test Release
Section 19, Township 29N, Range 10W
San Juan County, New Mexico
Project #97057-1097
Incident #nRM2007659740

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

MAP DRAWN BY: BAH	DATE DRAWN: 4/6/2020
REVISIONS BY: NAME	DATE REVISED: DATE
APPROVED BY: NAME	DATE APPROVED: DATE

LEGEND

● - Sample Locations ▨ - Impacted Area

Sample Point GPS Coordinates:
Upstream: 36.70496, -107.91663
Source: 36.705022, -107.916731
West of Source: 36.70500, -107.91685
Terminal: 36.70500, -107.91740
West of Terminal: 36.70500, -107.91753
Down Gradient 1: 36.70558, -107.91843
Down Gradietnt 2: 36.75020, -107.91930

N

1"= 50'

0 25 50 100

TABLES

Table 1, Summary of Remediation Monitoring Analytical Results
Enterprise Field Services, LLC
Lateral 2B-31 Hydrostatic Test Release
Project #97057-1097; NMOCD Incident #nRM20067659740
March-April 2020

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Sample Date	March 11, 2020				March 12, 2020	March 13, 2020							March 19, 2020						March 24, 2020					
	Sample Description																								
	Pollutant Level	West of Terminal	Terminal	West of Source	Source	TRC truck TK26	West of Terminal	Terminal	West of Source	Source	Downgradient 1	Downgradient 2	Upstream	West of Terminal	Terminal	West of Source	Source	Downgradient 1	Downgradient 2	West of Terminal	Terminal	West of Source	Source	Downgradient 1	Downgradient 2
		mg\L																							
Volatile Organic Compounds (VOC) EPA Method 8260B																									
1,1,1-Trichloroethane	*0.200*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	*0.010*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane*	*0.010*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethylene (TCE)	*0.005*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	*0.025*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethylene (Dichloroethene)	*0.007*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	*0.070*	<0.005	<0.005	<0.025	<0.025	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane (EDB)	*0.00005*	<0.0025	<0.0025	<0.0125	<0.0125	<0.0054	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dichlorobenzene	*0.600*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane (EDC)	*0.005*	<0.001	<0.001	**0.0311**	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	*0.005*	0.00113	0.00138	**0.0054**	**0.0148**	<0.002	0.0011	0.0014	0.0026	**0.0092**	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	0.00108	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	*0.075*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Benzene	*0.005*	**0.0585**	**0.0911**	**1.15**	**0.662**	**0.0586**	**0.0105**	0.0029	**0.0378**	**0.0969**	0.0033	0.0035	<0.002	0.00327	**0.0088**	**0.00515**	**0.0115**	<0.001	<0.001	<0.002	**0.00600**	0.00380	**0.00649**	<0.001	<0.001
Carbon tetrachloride	*0.005*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Chloroform	*0.100*	<0.010	<0.010	<0.050	<0.050	0.0395	<0.010	<0.010	<0.050	<0.050	<0.010	<0.010	<0.02	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
cis-1,2-Dichloroethene	*0.070*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	*0.7*	0.0121	0.0156	0.100	0.192	0.00914	0.0045	0.0156	0.0158	0.0425	0.0011	0.0017	<0.002	0.00213	0.00506	0.00354	0.00683	<0.001	<0.001	0.00360	0.00360	0.00228	0.00423	<0.001	<0.001
Methylene Chloride	*0.005*	<0.005	<0.005	<0.025	<0.025	<0.010	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005
1-Methylnaphthalene	*0.030*	<0.010	<0.010	<0.050	<0.050	<0.020	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene		<0.010	<0.010	<0.050	<0.050	<0.020	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
Naphthalene		<0.005	<0.005	0.00203	0.00652	<0.001	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005
Tetrachloroethylene/ethene (PERC)	*0.005*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Toluene	*1.00*	0.116	0.151	**2.78**	**3.24**	0.149	0.0542	0.0872	0.1890	0.4000	0.0064	0.0071	<0.002	0.0216	0.0647	0.0401	0.090	<0.001	<0.001	0.00540	0.0459	0.0297	0.0542	<0.001	<0.001
traNA-1,2,Dichloroethene	*0.100*	<0.002	<0.002	<0.010	<0.010	<0.004	<0.002	<0.002	<0.010	<0.010	<0.002	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.004	<0.002	<0.002	<0.002	<0.002
Vinyl Chloride	*0.002*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Methyl tert-Butyl Ether (MTBE)	*0.100*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Styrene	*0.100*	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001
Xylenes (Total)	*0.620*	0.143	0.18	**1.1**	**2.14**	0.0743	0.5250	0.1490	0.1750	0.3720	0.0160	0.0274	<0.002	0.0262	0.0598	0.0412	0.0784	0.00261	<0.001	0.0103	0.0464	0.0293	0.0505	<0.001	<0.001
Semi-Volatile Organic Compounds (SVOCs) EPA Method 8270C																									
Benzo-a-pyrene	*0.0002*	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	<0.001	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	*0.001*	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	<0.001	<0.001	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	*0.005*	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	<0.001	<0.001	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RCRA 8 Metals (EPA Method 6010C/7471B)**																									
Arsenic	*0.01*	<0.02	<0.02	<0.02	<0.02	<0.02	NA	NA	NA	NA	<0.02	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	*2.00*	<0.250	<0.250	<0.250	<0.250	<0.250	NA	NA	NA	NA	<0.250	<0.250	**0.2710**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	*0.005*	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	<0.01	<0.01	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	*0.050*	<0.02	<0.02	<0.02	<0.02	<0.02	NA	NA	NA	NA	<0.02	<0.02	<0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	*0.015*	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	<0.01	<0.01	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Mercury	*0.002*	<0.0002	<0.002	0.000203	0.000858	**0.0364**	NA	NA	NA	NA	<0.0002	<0.002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	*0.050*	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	NA	NA	<0.05	<0.05	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	*0.050*	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	<0.01	<0.01	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	*1.00*	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	<2.0	<2.0	**4.29**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS Anions (EPA Method 300.0/9056A)																									
Chloride	*250*	10.9	10.8	14.7	11.2	20	NA	NA	NA	NA	10.90	10.90	13.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS*	*1,000*	**2,240**	**2,190**	**1,950**	**2,140**	215	NA	NA	NA	NA	**2,110**	**2,140**	**2,060**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate*	*600*	**1,200**	**1,190**	**1,070**	**1,150**	45.8	NA	NA	NA	NA	**1,130**	**1,160**	**1,180**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite	*1.00*	<1.25	<1.25	<1.25	<1.25	<1.25	NA	NA	NA	NA	<1.25	<1.25	<1.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	*1.60*	<1.25	<1.25	<1.25	<1.25	<1.25	NA	NA	NA	NA	<1.25	<1.25	<1.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	*10.0*	<1.25	<1.25	<1.25	<1.25	<1.25	NA	NA	NA	NA	<1.25	<1.25	<1.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BOLD - above applicable regulatory standard; NA - Not Analyzed

*Contaminant levels were found to be representative of the Upstream sample collected on March 13, 2020 (See Table 1) and are considered to be representative of background concentrations

** Pollutant Levels are based on the dissolved portion of the contaminant with the exception of Mercury, note metals were analyzed as total

Table 2, Summary of Release Closure Analytical Results
Enterprise Field Services, LLC
Lateral 2B-31 Hydrostatic Test Release
Project #97057-1097; NMOCD Incident #nRM20067659740
March - May 2020

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Pollutant Level	Sample Identification*					
		West of Terminal	Terminal	West of Source	Source	Down Gradient 1	Down Gradient 2
		mg\L					
	Sample Date:	March 11, 2020				March 13, 2020	
Semi-Volatile Organic Compounds (SVOCs) EPA Method 8270C							
Benzo-a-pyrene	*0.0002*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Pentachlorophenol	*0.001*	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001
Phenol	*0.005*	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001
RCRA 8 Metals (EPA Method 6010C/7471B)*							
Arsenic	*0.01*	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Barium	*2.00*	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Cadmium	*0.005*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium	*0.050*	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Lead	*0.015*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Mercury	*0.002*	<0.0002	<0.002	0.000203	0.000858	<0.0002	<0.002
Selenium	*0.050*	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Silver	*0.050*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TDS Anions (EPA Method 300.0/9056A)							
Iron	*1.00*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloride	*250*	10.9	10.8	14.7	11.2	10.90	10.90
TDS**	*1,000*	2,240	2,190	1,950	2,140	2,110	2,140
Sulfate**	*600*	1,200	1,190	1,070	1,150	1,130	1,160
Nitrite	*1.00*	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
Fluoride	*1.60*	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
Nitrate	*10.0*	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25

*Remediation monitoring sample results for SVOCs, Metals, TDS, and Anions weres used for release closure

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Pollutant Level	Volatile Organic Compounds (VOC) EPA Method 8260B – Sample Identification											
		West of Terminal	Terminal	West of Source	Source	Down Gradient 1	Down Gradient 2	West of Terminal	Terminal	West of Source	Source	Down Gradient 1	Down Gradient 2
		mg\L											
	Sample Date:	April 16, 2020						May 21, 2020					
1,1,1-Trichloroethane	*0.200*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	*0.010*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	*0.010*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00367	<0.001	<0.001
1,1,2-Trichloroethylene (TCE)	*0.005*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	*0.025*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethylene (Dichloroethene)	*0.007*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	*0.070*	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane (EDB)	*0.00005*	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dichlorobenzene	*0.600*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane (EDC)	*0.005*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	*0.005*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	*0.075*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	*0.005*	<0.001	<0.001	<0.001	0.00454	<0.001	<0.001	<0.001	<0.001	<0.001	0.00152	<0.001	<0.001
Carbon tetrachloride	*0.005*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	*0.100*	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
cis-1,2-Dichloroethene	*0.070*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	*0.7*	<0.001	0.00120	<0.001	0.00740	<0.001	<0.001	<0.001	<0.001	0.00117	0.00216	<0.001	<0.001
Methylene Chloride	*0.005*	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1-Methylnaphthalene	*0.030*	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene		<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Naphthalene		<0.010	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethylene/ethene (PERC)	*0.005*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	*1.00*	0.00210	0.00824	0.00417	0.0609	<0.001	<0.001	<0.001	<0.001	0.00327	0.0157	<0.001	<0.001
traNA-1,2,Dichloroethene	*0.100*	<0.004	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Vinyl Chloride	*0.002*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-Butyl Ether (MTBE)	*0.100*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	*0.100*	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (Total)	*0.620*	0.00667	0.0166	0.0104	0.104	<0.001	<0.001	0.00226	0.00212	0.0143	0.0254	<0.001	<0.001

* Pollutant Levels are based on the dissolved portion of the contaminant with the exception of Mercury, note metals were analyzed as total

**Contaminant levels were found to be representative of the Upstream sample collected on March 13, 2020 (See Table 1) and are considered to be representative of background concentrations

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Practical Solutions for a Better Tomorrow

APPENDIX A

Bright Dyes FLT Yellow/Green Liquid SDS

Kingscote CHEMICALS

Safety Data Sheet

Issue Date: 04-Oct-2013 **Revision Date:** 18-Jan-2019 **Version Number:** 1.2

1. Identification

Product Identifiers
Product Name: Bright Dyes® FLT Yellow/Green Liquid

Product Number: 106001

Recommended Use & Restrictions on Use
Water tracing & leak detection dye

Manufacturer/Supplier
Kingscote Chemicals, Inc.
3334 South Tech Blvd.
Miamisburg, OH 45342
U.S.A.

Emergency Telephone Number

Company Telephone Number:	(937) 886-9100
Emergency Telephone (24 hr):	INFOTRAC (800) 535-5053 (North America) +1-352-323-3500 (International)

2. Hazards Identification

Classification
This chemical does not meet the hazardous criteria set forth by the 2015 WHMIS standards and 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. Composition/Information on Ingredients

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. First-Aid Measures

First-Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash thoroughly with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen; seek medical attention immediately.

Ingestion Rinse mouth. DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if large quantities were ingested or if nausea occurs.

Most Important Symptoms and Effects

Symptoms Will cause staining of the skin on contact. May cause eye irritation. Inhalation of dust may cause respiratory irritation. Ingestion may cause urine to be a yellow/green color until the dye has been washed through the system.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media
Water spray (fog). Carbon dioxide (CO2). Dry chemical. Regular foam.

Unsuitable Extinguishing Media
Not determined

Specific Hazards Arising from the Chemical
Product is not flammable. Burning/combustion may produce oxides of carbon and nitrogen (NOx).

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as recommended in Section 8.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 and Section 13.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep up and collect into suitable containers for disposal. Flush area with water.

7. Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, or clothing. Avoid breathing dusts. Contaminated clothing should be thoroughly washed before reuse.

Conditions for Safe Storage, Including Incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry, and well-ventilated area. Keep from freezing.
Incompatible Materials	Acids.

8. Exposure Controls / Personal Protection

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls
Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual Protection Measures, Such as Personal Protective Equipment:

Eye/Face Protection	Goggles.
Skin & Body Protection	Rubber gloves. Suitable protective clothing.
Respiratory Protection	No protection is ordinarily required under normal conditions of use.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practices.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid	**Odor**	None apparent
Appearance	Yellow/green liquid	**Odor Threshold**	Not determined
Color	Yellow/green		

Property	**Values**
pH	>8.0
Melting/Freezing Point	~32° F
Boiling Point/Range	~212° F
Flash Point	Not applicable
Evaporation Rate	1.8
Flammability (solid, gas)	Liquid – not applicable
Upper Flammability Limits	Not applicable
Lower Flammability Limits	Not applicable
Vapor Pressure	Not applicable
Vapor Density	0.6
Relative Density	Not applicable
Specific Gravity	Not determined
Solubility	Highly soluble in water
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

10. Stability and Reactivity

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Keep separated from incompatible substances. Keep out of reach of children.

Incompatible Materials
Acids. Strong oxidizing agents.

Hazardous Decomposition Products
Oxides of carbon and nitrogen (NOx).

11: Toxicological Information

Information on Likely Routes of Exposure

Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not ingest.
Skin Contact	May cause an allergic skin reaction.
Eye Contact	Avoid contact with eyes.

Delayed, Immediate, and Chronic Effects from Short- and Long-Term Exposure
May cause an allergic skin reaction.

Numerical Measures of Toxicity
Not determined

Symptoms Associated with Exposure
See Section 4 of this SDS for symptoms.

Carcinogenicity

NTP	None
IARC	None
OSHA	None

12. Ecological Information

Ecotoxicity
This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information
Not available

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. Disposal Considerations

Waste Disposal Methods
Dispose of in accordance with federal, state, and local regulations.

Contaminated Packaging
Do not re-use empty containers. Dispose of containers in accordance with federal, state, and local regulations.

14. Transport Information

Note
See current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

DOT	Not regulated
IATA	Not regulated
OMDG	Not regulated

15: Regulatory Information

International Inventories

TASCA	This product is not subject to TSCA 12(b) reporting requirements.

U.S. Federal Regulations

CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund

Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know This product does not contain any substances regulated under applicable state right-to-know regulations.

16: Other Information

HMIS

Health Hazards	Flammability	Instability	Special Hazards
1	0	0	Not determined

NFPA

Health Hazards	Flammability	Physical Hazards	Personal Protection
1	0	0	B

Issue Date 04-Oct-2013

Revision Date 18-Jan-2019

Revision Note Biennial Review

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

APPENDIX B

Site Photography

SITE PHOTOGRAPHY
EMERGENCY SPILL RESPONSE, ASSESSMENT AND CLOSURE REPORT
ENTERPRISE FIELD SERVICES, LLC
LATERAL 2B-31 HYDROSTATIC TEST RELEASE
PROJECT #97057-1097
INCIDENT # NRM2007659740
MARCH 10-25, 2020

Picture 1: View of Source

Picture 2: View of Impacted Area (Looking West)

SITE PHOTOGRAPHY
EMERGENCY SPILL RESPONSE, ASSESSMENT AND CLOSURE REPORT
ENTERPRISE FIELD SERVICES, LLC
LATERAL 2B-31 HYDROSTATIC TEST RELEASE
PROJECT #97057-1097
INCIDENT # NRM2007659740
MARCH 10-25, 2020

Picture 3: View of Remediation Activities

Picture 4: View of Remediated Area (View 1)

SITE PHOTOGRAPHY
EMERGENCY SPILL RESPONSE, ASSESSMENT AND CLOSURE REPORT
ENTERPRISE FIELD SERVICES, LLC
LATERAL 2B-31 HYDROSTATIC TEST RELEASE
PROJECT #97057-1097
INCIDENT # NRM2007659740
MARCH 10-25, 2020

Picture 5: View of Remediated Area (View 2)

Picture 6: View of Source Area Remediation

APPENDIX C

Laboratory Analytical Results

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Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/11/2020
Job Number: 97057-1097
Work Order: P003052
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Walter Hinchman Date: 3/13/20

Walter Hinchman, Laboratory Director

Supplement to analytical report generated on: 3/13/20 3:53 pm

NELAP ACCREDITED TNI LABORATORY

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.

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
West of teminal	P003052-01A	Aqueous	03/10/20	03/11/20	Poly 500mL
	P003052-01B	Aqueous	03/10/20	03/11/20	Poly 250mL; HNO3
	P003052-01C	Aqueous	03/10/20	03/11/20	Poly 250mL
	P003052-01D	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-01E	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-01F	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-01G	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-01H	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
Terminal	P003052-02A	Aqueous	03/10/20	03/11/20	Poly 500mL
	P003052-02B	Aqueous	03/10/20	03/11/20	Poly 250mL; HNO3
	P003052-02C	Aqueous	03/10/20	03/11/20	Poly 250mL
	P003052-02D	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-02E	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-02F	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-02G	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-02H	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
West of Source	P003052-03A	Aqueous	03/10/20	03/11/20	Poly 500mL
	P003052-03B	Aqueous	03/10/20	03/11/20	Poly 250mL; HNO3
	P003052-03C	Aqueous	03/10/20	03/11/20	Poly 250mL
	P003052-03D	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-03E	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-03F	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-03G	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-03H	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
Source	P003052-04A	Aqueous	03/10/20	03/11/20	Poly 500mL
	P003052-04B	Aqueous	03/10/20	03/11/20	Poly 250mL; HNO3
	P003052-04C	Aqueous	03/10/20	03/11/20	Poly 250mL
	P003052-04D	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-04E	Aqueous	03/10/20	03/11/20	Amber Glass, 125mL
	P003052-04F	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-04G	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl
	P003052-04H	Aqueous	03/10/20	03/11/20	VOA Vial, 40mL; HCl

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of teminal
P003052-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2240**	10.0	mg/L	1	2011018	03/11/20	03/13/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	**58.5**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	**1.13**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	**116**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of teminal
P003052-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	**12.1**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	**121**	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	**22.8**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	**143**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	**1.06**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	**1.05**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	**3.83**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	**6.28**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of teminal
P003052-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*105 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**317**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Magnesium	**28.9**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Potassium	**4.14**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Sodium	**411**	10.0	mg/L	5	2011026	03/11/20	03/12/20	EPA 6010C	G1
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Chloride	**10.9**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 17:28	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 17:28	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 17:28	EPA 300.0/9056A	
Sulfate	**1200**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of teminal
P003052-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	ND	0.200	ug/L	1	2011037	03/12/20	03/12/20	EPA 7470A	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Terminal

P003052-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2190**	10.0	mg/L	1	2011018	03/11/20	03/13/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	**91.1**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	**1.38**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	**151**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Terminal

P003052-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	**15.6**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	**151**	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	**28.4**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	**180**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	**1.26**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	**1.30**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	**4.59**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	**7.56**	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Terminal

P003052-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*104 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**303**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Magnesium	**27.5**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Potassium	**3.78**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Sodium	**363**	10.0	mg/L	5	2011026	03/11/20	03/12/20	EPA 6010C	G1
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Chloride	**10.8**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 18:52	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 18:52	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 18:52	EPA 300.0/9056A	
Sulfate	**1190**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Terminal

P003052-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	ND	0.200	ug/L	1	2011037	03/12/20	03/12/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of Source
P003052-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**1950**	10.0	mg/L	1	2011018	03/11/20	03/13/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	250	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	**1150**	20.0	ug/L	20	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	**31.1**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	**5.40**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	**2780**	20.0	ug/L	20	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of Source
P003052-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromochloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	12.5	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	**100**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	**924**	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	**176**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	**1100**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	**5.95**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	**5.65**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	12.5	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	**18.4**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	**31.5**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of Source
P003052-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*104 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**301**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Magnesium	**27.9**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Potassium	**3.79**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Sodium	**327**	10.0	mg/L	5	2011026	03/11/20	03/12/20	EPA 6010C	G1
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Chloride	**14.7**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:16	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:16	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:16	EPA 300.0/9056A	
Sulfate	**1070**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

West of Source
P003052-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	**0.203**	0.200	ug/L	1	2011037	03/12/20	03/12/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Source
P003052-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2140**	10.0	mg/L	1	2011018	03/11/20	03/13/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	250	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	**662**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	**14.8**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	**3240**	20.0	ug/L	20	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Source
P003052-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	100	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromochloromethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	12.5	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	**192**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	**1800**	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	**335**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	**2140**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	10.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	**16.2**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	**16.0**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	12.5	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	**52.8**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	**13.2**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	**91.4**	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	5.00	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	25.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	50.0	ug/L	5	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Source
P003052-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*104 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**310**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Magnesium	**28.9**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Potassium	**4.09**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Sodium	**403**	10.0	mg/L	5	2011026	03/11/20	03/12/20	EPA 6010C	G1
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Chloride	**11.2**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:39	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:39	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 19:39	EPA 300.0/9056A	
Sulfate	**1150**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Source
P003052-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	**0.858**	0.200	ug/L	1	2011037	03/12/20	03/12/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Wet Chem/Gravimetric - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011018 - Wet Chemistry Preparation										
Blank (2011018-BLK1)				Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	ND	10.0	mg/L							
LCS (2011018-BS1)				Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	112	10.0	mg/L	100		112	55-134			
Duplicate (2011018-DUP1)		**Source: P003043-01**		Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	2400	25.0	mg/L		2400			0.00	5	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011030 - Purge and Trap EPA 5030A										
Blank (2011030-BLK1)				Prepared & Analyzed: 03/12/20 0						
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:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011030 - Purge and Trap EPA 5030A										
Blank (2011030-BLK1)				Prepared & Analyzed: 03/12/20 0						
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	*10.1*		"	*10.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*9.96*		"	*10.0*		*99.6*	*70-130*			
Surrogate: Bromofluorobenzene	*10.3*		"	*10.0*		*103*	*70-130*			
LCS (2011030-BS1)				Prepared & Analyzed: 03/11/20 1						
Vinyl chloride	54.4	1.00	ug/L	50.0		109	80-120			
1,1-Dichloroethene	56.1	1.00	"	50.0		112	80-120			
Methylene Chloride	53.5	5.00	"	50.0		107	70-130			
Methyl tert-Butyl Ether (MTBE)	52.4	1.00	"	50.0		105	70-130			
Diisopropyl Ether (DIPE)	50.4	1.00	"	50.0		101	65-135			
Bromochloromethane	49.0	1.00	"	50.0		97.9	70-130			
1,1,1-Trichloroethane	52.1	1.00	"	50.0		104	70-130			
Benzene	49.3	1.00	"	50.0		98.6	70-130			
Trichloroethene	47.3	1.00	"	50.0		94.6	70-130			
1,2-Dichloropropane	51.2	1.00	"	50.0		102	80-120			
4-Methyl-2-pentanone (MIBK)	117	20.0	"	100		117	50-160			
Toluene	50.3	1.00	"	50.0		101	80-120			
1,1,2-Trichloroethane	53.2	1.00	"	50.0		106	70-130			
Tetrachloroethene	51.2	1.00	"	50.0		102	70-130			
Chlorobenzene	50.7	1.00	"	50.0		101	70-130			
Ethylbenzene	51.1	1.00	"	50.0		102	80-120			
1,1,1,2-Tetrachloroethane	49.5	1.00	"	50.0		99.0	70-130			
p,m-Xylene	102	2.00	"	100		102	70-130			
o-Xylene	50.9	1.00	"	50.0		102	70-130			
Total Xylenes	153	1.00	"	150		102	0-200			
n-Propyl Benzene	50.0	1.00	"	50.0		100	70-130			
tert-Butylbenzene	52.3	1.00	"	50.0		104	70-130			
1,4-Dichlorobenzene	50.5	1.00	"	50.0		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	58.0	5.00	"	50.0		116	65-135			
1,2,3-Trichlorobenzene	46.9	5.00	"	50.0		93.8	70-140			

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011030 - Purge and Trap EPA 5030A										
LCS (2011030-BS1)				Prepared & Analyzed: 03/11/20 1						
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*ug/L*	*10.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*			
Matrix Spike (2011030-MS1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Vinyl chloride	273	5.00	ug/L	250	ND	109	44-143			
1,1-Dichloroethene	285	5.00	"	250	ND	114	49-144			
Methylene Chloride	274	25.0	"	250	ND	109	60-140			
Methyl tert-Butyl Ether (MTBE)	273	5.00	"	250	ND	109	61-136			
Diisopropyl Ether (DIPE)	259	5.00	"	250	ND	104	60-140			
Bromochloromethane	255	5.00	"	250	ND	102	65-135			
1,1,1-Trichloroethane	269	5.00	"	250	ND	108	58-134			
Benzene	254	5.00	"	250	ND	101	59-133			
Trichloroethene	235	5.00	"	250	ND	94.2	49-148			
1,2-Dichloropropane	267	5.00	"	250	ND	107	35-135			
4-Methyl-2-pentanone (MIBK)	601	100	"	500	ND	120	40-170			
Toluene	258	5.00	"	250	ND	103	67-130			
1,1,2-Trichloroethane	276	5.00	"	250	ND	110	65-135			
Tetrachloroethene	253	5.00	"	250	ND	101	57-141			
Chlorobenzene	259	5.00	"	250	ND	103	70-130			
Ethylbenzene	260	5.00	"	250	ND	104	62-136			
1,1,1,2-Tetrachloroethane	252	5.00	"	250	ND	101	70-132			
p,m-Xylene	519	10.0	"	500	ND	104	65-135			
o-Xylene	261	5.00	"	250	ND	104	70-130			
Total Xylenes	780	5.00	"	750	ND	104	0-200			
n-Propyl Benzene	255	5.00	"	250	ND	102	63-139			
tert-Butylbenzene	268	5.00	"	250	ND	107	67-138			
1,4-Dichlorobenzene	261	5.00	"	250	ND	104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	304	25.0	"	250	ND	122	60-160			
1,2,3-Trichlorobenzene	239	25.0	"	250	ND	95.5	60-160			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*70-130*			
Surrogate: Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*70-130*			
Matrix Spike Dup (2011030-MSD1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Vinyl chloride	264	5.00	ug/L	250	ND	105	44-143	3.46	30	
1,1-Dichloroethene	277	5.00	"	250	ND	111	49-144	2.63	20	
Methylene Chloride	267	25.0	"	250	ND	107	60-140	2.46	20	
Methyl tert-Butyl Ether (MTBE)	263	5.00	"	250	ND	105	61-136	3.60	20	
Diisopropyl Ether (DIPE)	249	5.00	"	250	ND	99.7	60-140	3.95	20	
Bromochloromethane	249	5.00	"	250	ND	99.4	65-135	2.68	20	
1,1,1-Trichloroethane	260	5.00	"	250	ND	104	58-134	3.63	20	
Benzene	246	5.00	"	250	ND	98.5	59-133	3.04	20	
Trichloroethene	222	5.00	"	250	ND	88.7	49-148	5.95	20	
1,2-Dichloropropane	253	5.00	"	250	ND	101	35-135	5.39	20	
4-Methyl-2-pentanone (MIBK)	569	100	"	500	ND	114	40-170	5.53	30	
Toluene	247	5.00	"	250	ND	98.7	67-130	4.61	20	
1,1,2-Trichloroethane	261	5.00	"	250	ND	104	65-135	5.45	20	
Tetrachloroethene	239	5.00	"	250	ND	95.8	57-141	5.56	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011030 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2011030-MSD1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Chlorobenzene	248	5.00	ug/L	250	ND	99.0	70-130	4.31	20	
Ethylbenzene	248	5.00	"	250	ND	99.2	62-136	4.86	20	
1,1,1,2-Tetrachloroethane	241	5.00	"	250	ND	96.5	70-132	4.48	20	
p,m-Xylene	492	10.0	"	500	ND	98.4	65-135	5.26	20	
o-Xylene	249	5.00	"	250	ND	99.7	70-130	4.68	20	
Total Xylenes	741	5.00	"	750	ND	98.8	0-200	5.07	200	
n-Propyl Benzene	243	5.00	"	250	ND	97.2	63-139	4.72	20	
tert-Butylbenzene	257	5.00	"	250	ND	103	67-138	4.25	20	
1,4-Dichlorobenzene	244	5.00	"	250	ND	97.5	70-130	6.80	20	
1,2-Dibromo-3-chloropropane (DBCP)	283	25.0	"	250	ND	113	60-160	6.98	30	
1,2,3-Trichlorobenzene	228	25.0	"	250	ND	91.2	60-160	4.65	20	
Surrogate: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*70-130*			
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*70-130*			
Surrogate: Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*70-130*			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011026 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011026-BLK1)				Prepared & Analyzed: 03/11/20 1						
Arsenic	ND	0.0200	mg/L							
Barium	ND	0.250	"							
Cadmium	ND	0.0100	"							
Chromium	ND	0.0200	"							
Lead	ND	0.0100	"							
Selenium	ND	0.0500	"							
Silver	ND	0.0100	"							
LCS (2011026-BS1)				Prepared & Analyzed: 03/11/20 1						
Arsenic	0.449	0.0200	mg/L	0.500		89.7	80-120			
Barium	12.1	0.250	"	12.5		96.7	80-120			
Cadmium	0.231	0.0100	"	0.250		92.2	80-120			
Chromium	0.918	0.0200	"	1.00		91.8	80-120			
Lead	0.232	0.0100	"	0.250		92.9	80-120			
Selenium	1.11	0.0500	"	1.25		88.5	80-120			
Silver	0.0907	0.0100	"	0.100		90.7	80-120			
Matrix Spike (2011026-MS1)		**Source: P003052-01**		Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Arsenic	0.462	0.0200	mg/L	0.500	ND	92.5	75-125			
Barium	12.1	0.250	"	12.5	ND	96.9	75-125			
Cadmium	0.228	0.0100	"	0.250	ND	91.3	75-125			
Chromium	0.910	0.0200	"	1.00	ND	91.0	75-125			
Lead	0.218	0.0100	"	0.250	ND	87.1	75-125			
Selenium	1.12	0.0500	"	1.25	ND	89.8	75-125			
Silver	0.0915	0.0100	"	0.100	ND	91.5	75-125			
Matrix Spike Dup (2011026-MSD1)		**Source: P003052-01**		Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Arsenic	0.484	0.0200	mg/L	0.500	ND	96.8	75-125	4.59	20	
Barium	13.0	0.250	"	12.5	ND	104	75-125	6.86	20	
Cadmium	0.238	0.0100	"	0.250	ND	95.1	75-125	4.12	20	
Chromium	0.943	0.0200	"	1.00	ND	94.3	75-125	3.55	20	
Lead	0.229	0.0100	"	0.250	ND	91.6	75-125	5.02	20	
Selenium	1.18	0.0500	"	1.25	ND	94.2	75-125	4.78	20	
Silver	0.0956	0.0100	"	0.100	ND	95.6	75-125	4.38	20	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011026 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011026-BLK1)				Prepared & Analyzed: 03/11/20 1						
Calcium	ND	1.00	mg/L							
Iron	ND	2.00	"							
Magnesium	ND	1.00	"							
Potassium	ND	1.00	"							
Sodium	ND	2.00	"							
LCS (2011026-BS1)				Prepared & Analyzed: 03/11/20 1						
Calcium	48.1	1.00	mg/L	50.0		96.2	80-120			
Iron	95.9	2.00	"	100		95.9	80-120			
Magnesium	46.3	1.00	"	50.0		92.6	80-120			
Potassium	4.67	1.00	"	5.00		93.4	80-120			
Sodium	16.9	2.00	"	20.0		84.5	80-120			
Matrix Spike (2011026-MS1)	**Source: P003052-01**			Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Calcium	345	1.00	mg/L	50.0	292	105	75-125			
Iron	95.1	2.00	"	100	ND	95.1	75-125			
Magnesium	74.2	1.00	"	50.0	28.1	92.2	75-125			
Potassium	9.23	1.00	"	5.00	4.01	105	75-125			
Sodium	438	10.0	"	20.0	399	198	75-125			G1, M4
Matrix Spike Dup (2011026-MSD1)	**Source: P003052-01**			Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Calcium	350	1.00	mg/L	50.0	292	116	75-125	1.64	20	
Iron	101	2.00	"	100	ND	101	75-125	6.41	20	
Magnesium	75.3	1.00	"	50.0	28.1	94.2	75-125	1.39	20	
Potassium	9.60	1.00	"	5.00	4.01	112	75-125	3.90	20	
Sodium	431	10.0	"	20.0	399	161	75-125	1.70	20	G1, M4

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011029 - Anion Extraction EPA 300.0/9056A										
Blank (2011029-BLK1)				Prepared & Analyzed: 03/11/20 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 (2011029-BS1)				Prepared & Analyzed: 03/11/20 1						
Fluoride	2.51	0.250	mg/L	2.50		100	90-110			
Chloride	25.0	2.00	"	25.0		100	90-110			
Nitrite-N	2.52	0.250	"	2.50		101	90-110			
Nitrate-N	2.62	0.250	"	2.50		105	90-110			
o-Phosphate-P	12.5	0.250	"	12.5		99.9	90-110			
Sulfate	25.3	2.00	"	25.0		101	90-110			
Matrix Spike (2011029-MS1)	**Source: P003052-01**			Prepared & Analyzed: 03/11/20 1						
Fluoride	2.08	1.25	mg/L	2.50	ND	83.0	80-120			
Chloride	34.6	10.0	"	25.0	10.9	94.6	80-120			
Nitrite-N	2.24	1.25	"	2.50	ND	89.6	80-120			
Nitrate-N	2.55	1.25	"	2.50	ND	102	80-120			
o-Phosphate-P	8.55	1.25	"	12.5	ND	68.4	80-120			M2
Sulfate	1170	10.0	"	25.0	1200	NR	80-120			M2
Matrix Spike Dup (2011029-MSD1)	**Source: P003052-01**			Prepared & Analyzed: 03/11/20 1						
Fluoride	2.78	1.25	mg/L	2.50	ND	111	80-120	29.0	20	R3
Chloride	34.8	10.0	"	25.0	10.9	95.6	80-120	0.663	20	
Nitrite-N	2.23	1.25	"	2.50	ND	89.0	80-120	0.672	20	
Nitrate-N	2.58	1.25	"	2.50	ND	103	80-120	1.17	20	
o-Phosphate-P	12.1	1.25	"	12.5	ND	97.0	80-120	34.6	20	R3
Sulfate	1180	10.0	"	25.0	1200	NR	80-120	0.531	20	M2

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

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
Batch 2011037 - Mercury Water Digestion KMNO4										
Blank (2011037-BLK1)				Prepared & Analyzed: 03/12/20 1						
Mercury	ND	0.200	ug/L							
LCS (2011037-BS1)				Prepared & Analyzed: 03/12/20 1						
Mercury	1.98	0.200	ug/L	2.00		99.0	80-120			
Matrix Spike (2011037-MS1)		**Source: P003052-01**		Prepared & Analyzed: 03/12/20 1						
Mercury	1.99	0.200	ug/L	2.00	ND	99.3	75-125			
Matrix Spike Dup (2011037-MSD1)		**Source: P003052-01**		Prepared & Analyzed: 03/12/20 1						
Mercury	1.96	0.200	ug/L	2.00	ND	98.2	75-125	1.12	20	

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:57

Notes and Definitions

R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
G1	Second source ICV failed at 89.7% on second run. First run, ICV passed, but samples were greater than the LDR.
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.

Project Information | Chain of Custody | P003052 | Page 1 of 1

Client: Enterprise	**Report Attention**	**Lab Use Only**
Project: Lateral nb 31 Spill	Report due by:	Lab WO# P003054 RL 3/11/20
Project Manager: F Aragon	Email:	Job Number 97057-1097
Address:	Address:	
City, State, Zip	City, State, Zip	
Phone:	Phone:	
Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen Igarcia Dcarter		

TAT		EPA Program		
1D	3D	RCRA	CWA	SDW
X				

State			
NM	CO	UT	
x			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	Analysis and Method: 8260	8270	RCRA 8 Total Metals	Chloride	TDS	Cations	Anions	Remarks
1713	3/10/2020	A		West of terminal	1	X	X	X	X	X	X	X	
1723	3/10/2020	A		Terminal	2	X	X	X	X	X	X	X	
1730	3/10/2020	A		West of Source	3	X	X	X	X	X	X	X	
1735	3/10/2020	A		Source	4	X	X	X	X	X	X	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
Damon Carter	3/11/20	8:49	Rain Lopez	3/11/20	8:49
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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 laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

ANALYTICAL REPORT

March 13, 2020

EnviroTech- NM

Sample Delivery Group:	L1198174
Samples Received:	03/12/2020
Project Number:	97057-1097
Description:	Lateral 2b 31 Spill
Site:	P003052
Report To:	Irene Yazzie 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By:

Jared Starkey
Project Manager

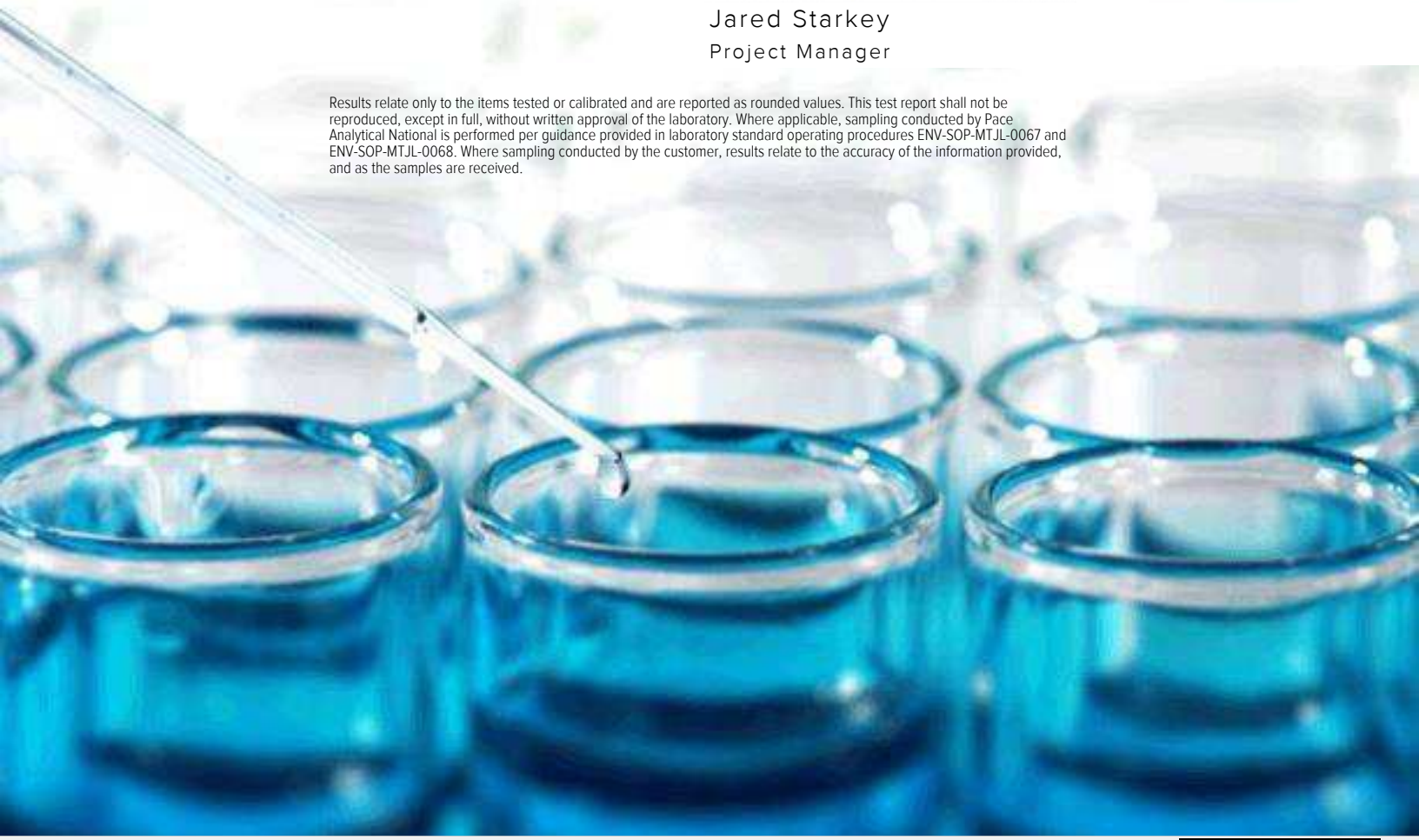

TABLE OF CONTENTS

WEST OF TERMINAL L1198174-01 GW

Collected by: B. Hall | Collected date/time: 03/10/20 17:18 | Received date/time: 03/12/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1442894	1	03/12/20 17:35	03/13/20 05:39	JNJ	Mt. Juliet, TN

TERMINAL L1198174-02 GW

Collected by: B. Hall | Collected date/time: 03/10/20 17:23 | Received date/time: 03/12/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1442894	1	03/12/20 17:35	03/13/20 01:37	JNJ	Mt. Juliet, TN

WEST OF SOURCE L1198174-03 GW

Collected by: B. Hall | Collected date/time: 03/10/20 17:30 | Received date/time: 03/12/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1442894	1	03/12/20 17:35	03/13/20 01:57	JNJ	Mt. Juliet, TN

SOURCE L1198174-04 GW

Collected by: B. Hall | Collected date/time: 03/10/20 17:35 | Received date/time: 03/12/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1442894	1	03/12/20 17:35	03/13/20 02:17	JNJ	Mt. Juliet, TN

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

Jared Starkey
Project Manager

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	03/13/2020 05:39	WG1442894
Acenaphthylene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Anthracene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzidine	ND		0.0100	1	03/13/2020 05:39	WG1442894
Benzo(a)anthracene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzo(b)fluoranthene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzo(k)fluoranthene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzo(g,h,i)perylene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzo(a)pyrene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/13/2020 05:39	WG1442894
Bis(2-chloroethyl)ether	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/13/2020 05:39	WG1442894
4-Bromophenyl-phenylether	ND		0.0100	1	03/13/2020 05:39	WG1442894
2-Chloronaphthalene	ND		0.00100	1	03/13/2020 05:39	WG1442894
4-Chlorophenyl-phenylether	ND		0.0100	1	03/13/2020 05:39	WG1442894
Chrysene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Dibenz(a,h)anthracene	ND		0.00100	1	03/13/2020 05:39	WG1442894
1,2-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:39	WG1442894
1,3-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:39	WG1442894
1,4-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:39	WG1442894
3,3-Dichlorobenzidine	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,4-Dinitrotoluene	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,6-Dinitrotoluene	ND		0.0100	1	03/13/2020 05:39	WG1442894
Fluoranthene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Fluorene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Hexachlorobenzene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Hexachloro-1,3-butadiene	ND		0.0100	1	03/13/2020 05:39	WG1442894
Hexachlorocyclopentadiene	ND		0.0100	1	03/13/2020 05:39	WG1442894
Hexachloroethane	ND		0.0100	1	03/13/2020 05:39	WG1442894
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Isophorone	ND		0.0100	1	03/13/2020 05:39	WG1442894
Naphthalene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Nitrobenzene	ND		0.0100	1	03/13/2020 05:39	WG1442894
n-Nitrosodimethylamine	ND		0.0100	1	03/13/2020 05:39	WG1442894
n-Nitrosodiphenylamine	ND		0.0100	1	03/13/2020 05:39	WG1442894
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/13/2020 05:39	WG1442894
Phenanthrene	ND		0.00100	1	03/13/2020 05:39	WG1442894
Benzylbutyl phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Di-n-butyl phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Diethyl phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Dimethyl phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Di-n-octyl phthalate	ND		0.00300	1	03/13/2020 05:39	WG1442894
Pyrene	ND		0.00100	1	03/13/2020 05:39	WG1442894
1,2,4-Trichlorobenzene	ND		0.0100	1	03/13/2020 05:39	WG1442894
4-Chloro-3-methylphenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2-Chlorophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,4-Dichlorophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,4-Dimethylphenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,4-Dinitrophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2-Nitrophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
4-Nitrophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
Pentachlorophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
Phenol	ND		0.0100	1	03/13/2020 05:39	WG1442894
2,4,6-Trichlorophenol	ND		0.0100	1	03/13/2020 05:39	WG1442894

Collected date/time: 03/10/20 17:18 L1198174

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	*33.4*		*10.0-120*		*03/13/2020 05:39*	WG1442894
(S) Phenol-d5	*22.1*		*10.0-120*		*03/13/2020 05:39*	WG1442894
(S) Nitrobenzene-d5	*52.3*		*10.0-127*		*03/13/2020 05:39*	WG1442894
(S) 2-Fluorobiphenyl	*62.6*		*10.0-130*		*03/13/2020 05:39*	WG1442894
(S) 2,4,6-Tribromophenol	*87.0*		*10.0-155*		*03/13/2020 05:39*	WG1442894
(S) p-Terphenyl-d14	*85.1*		*10.0-128*		*03/13/2020 05:39*	WG1442894

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	03/13/2020 01:37	WG1442894
Acenaphthylene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Anthracene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzidine	ND		0.0100	1	03/13/2020 01:37	WG1442894
Benzo(a)anthracene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzo(b)fluoranthene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzo(k)fluoranthene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzo(g,h,i)perylene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzo(a)pyrene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/13/2020 01:37	WG1442894
Bis(2-chloroethyl)ether	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/13/2020 01:37	WG1442894
4-Bromophenyl-phenylether	ND		0.0100	1	03/13/2020 01:37	WG1442894
2-Chloronaphthalene	ND		0.00100	1	03/13/2020 01:37	WG1442894
4-Chlorophenyl-phenylether	ND		0.0100	1	03/13/2020 01:37	WG1442894
Chrysene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Dibenz(a,h)anthracene	ND		0.00100	1	03/13/2020 01:37	WG1442894
1,2-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:37	WG1442894
1,3-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:37	WG1442894
1,4-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:37	WG1442894
3,3-Dichlorobenzidine	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,4-Dinitrotoluene	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,6-Dinitrotoluene	ND		0.0100	1	03/13/2020 01:37	WG1442894
Fluoranthene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Fluorene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Hexachlorobenzene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Hexachloro-1,3-butadiene	ND		0.0100	1	03/13/2020 01:37	WG1442894
Hexachlorocyclopentadiene	ND		0.0100	1	03/13/2020 01:37	WG1442894
Hexachloroethane	ND		0.0100	1	03/13/2020 01:37	WG1442894
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Isophorone	ND		0.0100	1	03/13/2020 01:37	WG1442894
Naphthalene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Nitrobenzene	ND		0.0100	1	03/13/2020 01:37	WG1442894
n-Nitrosodimethylamine	ND		0.0100	1	03/13/2020 01:37	WG1442894
n-Nitrosodiphenylamine	ND		0.0100	1	03/13/2020 01:37	WG1442894
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/13/2020 01:37	WG1442894
Phenanthrene	ND		0.00100	1	03/13/2020 01:37	WG1442894
Benzylbutyl phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Di-n-butyl phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Diethyl phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Dimethyl phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Di-n-octyl phthalate	ND		0.00300	1	03/13/2020 01:37	WG1442894
Pyrene	ND		0.00100	1	03/13/2020 01:37	WG1442894
1,2,4-Trichlorobenzene	ND		0.0100	1	03/13/2020 01:37	WG1442894
4-Chloro-3-methylphenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2-Chlorophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,4-Dichlorophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,4-Dimethylphenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,4-Dinitrophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2-Nitrophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
4-Nitrophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
Pentachlorophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
Phenol	ND		0.0100	1	03/13/2020 01:37	WG1442894
2,4,6-Trichlorophenol	ND		0.0100	1	03/13/2020 01:37	WG1442894

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	*42.6*		*10.0-120*		*03/13/2020 01:37*	WG1442894
(S) Phenol-d5	*29.0*		*10.0-120*		*03/13/2020 01:37*	WG1442894
(S) Nitrobenzene-d5	*60.1*		*10.0-127*		*03/13/2020 01:37*	WG1442894
(S) 2-Fluorobiphenyl	*76.5*		*10.0-130*		*03/13/2020 01:37*	WG1442894
(S) 2,4,6-Tribromophenol	*85.5*		*10.0-155*		*03/13/2020 01:37*	WG1442894
(S) p-Terphenyl-d14	*85.3*		*10.0-128*		*03/13/2020 01:37*	WG1442894

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	03/13/2020 01:57	WG1442894
Acenaphthylene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Anthracene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzidine	ND		0.0100	1	03/13/2020 01:57	WG1442894
Benzo(a)anthracene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzo(b)fluoranthene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzo(k)fluoranthene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzo(g,h,i)perylene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzo(a)pyrene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/13/2020 01:57	WG1442894
Bis(2-chloroethyl)ether	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/13/2020 01:57	WG1442894
4-Bromophenyl-phenylether	ND		0.0100	1	03/13/2020 01:57	WG1442894
2-Chloronaphthalene	ND		0.00100	1	03/13/2020 01:57	WG1442894
4-Chlorophenyl-phenylether	ND		0.0100	1	03/13/2020 01:57	WG1442894
Chrysene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Dibenz(a,h)anthracene	ND		0.00100	1	03/13/2020 01:57	WG1442894
1,2-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:57	WG1442894
1,3-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:57	WG1442894
1,4-Dichlorobenzene	ND		0.0100	1	03/13/2020 01:57	WG1442894
3,3-Dichlorobenzidine	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,4-Dinitrotoluene	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,6-Dinitrotoluene	ND		0.0100	1	03/13/2020 01:57	WG1442894
Fluoranthene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Fluorene	0.00131		0.00100	1	03/13/2020 01:57	WG1442894
Hexachlorobenzene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Hexachloro-1,3-butadiene	ND		0.0100	1	03/13/2020 01:57	WG1442894
Hexachlorocyclopentadiene	ND		0.0100	1	03/13/2020 01:57	WG1442894
Hexachloroethane	ND		0.0100	1	03/13/2020 01:57	WG1442894
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Isophorone	ND		0.0100	1	03/13/2020 01:57	WG1442894
Naphthalene	0.00203		0.00100	1	03/13/2020 01:57	WG1442894
Nitrobenzene	ND		0.0100	1	03/13/2020 01:57	WG1442894
n-Nitrosodimethylamine	ND		0.0100	1	03/13/2020 01:57	WG1442894
n-Nitrosodiphenylamine	ND		0.0100	1	03/13/2020 01:57	WG1442894
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/13/2020 01:57	WG1442894
Phenanthrene	ND		0.00100	1	03/13/2020 01:57	WG1442894
Benzylbutyl phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Di-n-butyl phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Diethyl phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Dimethyl phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Di-n-octyl phthalate	ND		0.00300	1	03/13/2020 01:57	WG1442894
Pyrene	ND		0.00100	1	03/13/2020 01:57	WG1442894
1,2,4-Trichlorobenzene	ND		0.0100	1	03/13/2020 01:57	WG1442894
4-Chloro-3-methylphenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2-Chlorophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,4-Dichlorophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,4-Dimethylphenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,4-Dinitrophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2-Nitrophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
4-Nitrophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
Pentachlorophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
Phenol	ND		0.0100	1	03/13/2020 01:57	WG1442894
2,4,6-Trichlorophenol	ND		0.0100	1	03/13/2020 01:57	WG1442894

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	*32.3*		*10.0-120*		*03/13/2020 01:57*	WG1442894
(S) Phenol-d5	*29.8*		*10.0-120*		*03/13/2020 01:57*	WG1442894
(S) Nitrobenzene-d5	*60.9*		*10.0-127*		*03/13/2020 01:57*	WG1442894
(S) 2-Fluorobiphenyl	*77.6*		*10.0-130*		*03/13/2020 01:57*	WG1442894
(S) 2,4,6-Tribromophenol	*86.0*		*10.0-155*		*03/13/2020 01:57*	WG1442894
(S) p-Terphenyl-d14	*84.6*		*10.0-128*		*03/13/2020 01:57*	WG1442894

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	03/13/2020 02:17	WG1442894
Acenaphthylene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Anthracene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzidine	ND		0.0100	1	03/13/2020 02:17	WG1442894
Benzo(a)anthracene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzo(b)fluoranthene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzo(k)fluoranthene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzo(g,h,i)perylene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzo(a)pyrene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/13/2020 02:17	WG1442894
Bis(2-chloroethyl)ether	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/13/2020 02:17	WG1442894
4-Bromophenyl-phenylether	ND		0.0100	1	03/13/2020 02:17	WG1442894
2-Chloronaphthalene	ND		0.00100	1	03/13/2020 02:17	WG1442894
4-Chlorophenyl-phenylether	ND		0.0100	1	03/13/2020 02:17	WG1442894
Chrysene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Dibenz(a,h)anthracene	ND		0.00100	1	03/13/2020 02:17	WG1442894
1,2-Dichlorobenzene	ND		0.0100	1	03/13/2020 02:17	WG1442894
1,3-Dichlorobenzene	ND		0.0100	1	03/13/2020 02:17	WG1442894
1,4-Dichlorobenzene	ND		0.0100	1	03/13/2020 02:17	WG1442894
3,3-Dichlorobenzidine	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,4-Dinitrotoluene	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,6-Dinitrotoluene	ND		0.0100	1	03/13/2020 02:17	WG1442894
Fluoranthene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Fluorene	0.00111		0.00100	1	03/13/2020 02:17	WG1442894
Hexachlorobenzene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Hexachloro-1,3-butadiene	ND		0.0100	1	03/13/2020 02:17	WG1442894
Hexachlorocyclopentadiene	ND		0.0100	1	03/13/2020 02:17	WG1442894
Hexachloroethane	ND		0.0100	1	03/13/2020 02:17	WG1442894
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Isophorone	ND		0.0100	1	03/13/2020 02:17	WG1442894
Naphthalene	0.00652		0.00100	1	03/13/2020 02:17	WG1442894
Nitrobenzene	ND		0.0100	1	03/13/2020 02:17	WG1442894
n-Nitrosodimethylamine	ND		0.0100	1	03/13/2020 02:17	WG1442894
n-Nitrosodiphenylamine	ND		0.0100	1	03/13/2020 02:17	WG1442894
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/13/2020 02:17	WG1442894
Phenanthrene	ND		0.00100	1	03/13/2020 02:17	WG1442894
Benzylbutyl phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Di-n-butyl phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Diethyl phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Dimethyl phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Di-n-octyl phthalate	ND		0.00300	1	03/13/2020 02:17	WG1442894
Pyrene	ND		0.00100	1	03/13/2020 02:17	WG1442894
1,2,4-Trichlorobenzene	ND		0.0100	1	03/13/2020 02:17	WG1442894
4-Chloro-3-methylphenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2-Chlorophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,4-Dichlorophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,4-Dimethylphenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,4-Dinitrophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2-Nitrophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
4-Nitrophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
Pentachlorophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
Phenol	ND		0.0100	1	03/13/2020 02:17	WG1442894
2,4,6-Trichlorophenol	ND		0.0100	1	03/13/2020 02:17	WG1442894

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	*28.8*		*10.0-120*		*03/13/2020 02:17*	WG1442894
(S) Phenol-d5	*27.2*		*10.0-120*		*03/13/2020 02:17*	WG1442894
(S) Nitrobenzene-d5	*56.4*		*10.0-127*		*03/13/2020 02:17*	WG1442894
(S) 2-Fluorobiphenyl	*66.9*		*10.0-130*		*03/13/2020 02:17*	WG1442894
(S) 2,4,6-Tribromophenol	*89.5*		*10.0-155*		*03/13/2020 02:17*	WG1442894
(S) p-Terphenyl-d14	*84.5*		*10.0-128*		*03/13/2020 02:17*	WG1442894

Method Blank (MB)

(MB) R3508190-2 03/13/20 01:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300

Method Blank (MB)

(MB) R3508190-2 03/13/20 01:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*54.1*			*10.0-127*
(S) 2-Fluorobiphenyl	*69.1*			*10.0-130*
(S) p-Terphenyl-d14	*79.0*			*10.0-128*
(S) Phenol-d5	*28.2*			*10.0-120*
(S) 2-Fluorophenol	*43.7*			*10.0-120*
(S) 2,4,6-Tribromophenol	*74.0*			*10.0-155*

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*0.000*	J2		*10.0-127*
(S) 2-Fluorobiphenyl	*0.000*	J2		*10.0-130*
(S) p-Terphenyl-d14	*0.000*	J2		*10.0-128*
(S) Phenol-d5	*0.000*	J2		*10.0-120*
(S) 2-Fluorophenol	*0.000*	J2		*10.0-120*
(S) 2,4,6-Tribromophenol	*0.000*	J2		*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3508190-1 03/13/20 00:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0338	67.6	41.0-120	
Acenaphthylene	0.0500	0.0364	72.8	43.0-120	
Anthracene	0.0500	0.0358	71.6	45.0-120	
Benzidine	0.0500	0.0362	72.4	10.0-120	
Benzo(a)anthracene	0.0500	0.0368	73.6	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0396	79.2	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0377	75.4	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0366	73.2	48.0-121	
Benzo(a)pyrene	0.0500	0.0395	79.0	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0338	67.6	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0326	65.2	23.0-120	
2,2-Oxybis(1-Chloropropane)	0.0500	0.0324	64.8	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0405	81.0	45.0-120	
2-Chloronaphthalene	0.0500	0.0321	64.2	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0392	78.4	44.0-120	
Chrysene	0.0500	0.0362	72.4	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0382	76.4	47.0-120	
1,2-Dichlorobenzene	0.0500	0.0305	61.0	20.0-120	
1,3-Dichlorobenzene	0.0500	0.0298	59.6	17.0-120	
1,4-Dichlorobenzene	0.0500	0.0292	58.4	18.0-120	
3,3-Dichlorobenzidine	0.100	0.0689	68.9	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0423	84.6	49.0-124	

Laboratory Control Sample (LCS)

(LCS) R3508190-1 03/13/20 00:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,6-Dinitrotoluene	0.0500	0.0392	78.4	46.0-120	
Fluoranthene	0.0500	0.0393	78.6	51.0-120	
Fluorene	0.0500	0.0359	71.8	47.0-120	
Hexachlorobenzene	0.0500	0.0407	81.4	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0348	69.6	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0274	54.8	15.0-120	
Hexachloroethane	0.0500	0.0301	60.2	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0359	71.8	49.0-122	
Isophorone	0.0500	0.0349	69.8	36.0-120	
Naphthalene	0.0500	0.0303	60.6	27.0-120	
Nitrobenzene	0.0500	0.0321	64.2	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0168	33.6	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0366	73.2	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0359	71.8	31.0-120	
Phenanthrene	0.0500	0.0358	71.6	46.0-120	
Benzylbutyl phthalate	0.0500	0.0341	68.2	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0337	67.4	43.0-122	
Di-n-butyl phthalate	0.0500	0.0381	76.2	49.0-121	
Diethyl phthalate	0.0500	0.0399	79.8	48.0-122	
Dimethyl phthalate	0.0500	0.0401	80.2	48.0-120	
Di-n-octyl phthalate	0.0500	0.0320	64.0	42.0-125	
Pyrene	0.0500	0.0372	74.4	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0305	61.0	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0366	73.2	40.0-120	
2-Chlorophenol	0.0500	0.0296	59.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0343	68.6	36.0-120	
2,4-Dimethylphenol	0.0500	0.0367	73.4	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0417	83.4	38.0-138	
2,4-Dinitrophenol	0.0500	0.0414	82.8	10.0-120	
2-Nitrophenol	0.0500	0.0349	69.8	31.0-120	
4-Nitrophenol	0.0500	0.0178	35.6	10.0-120	
Pentachlorophenol	0.0500	0.0525	105	23.0-120	
Phenol	0.0500	0.0168	33.6	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0340	68.0	42.0-120	
(S) Nitrobenzene-d5			*51.9*	*10.0-127*	
(S) 2-Fluorobiphenyl			*72.9*	*10.0-130*	
(S) p-Terphenyl-d14			*82.2*	*10.0-128*	
(S) Phenol-d5			*25.9*	*10.0-120*	
(S) 2-Fluorophenol			*41.5*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*93.0*	*10.0-155*	

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
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

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

State Accreditations

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

Third Party Federal Accreditations

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

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

Our Locations

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

Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Billing Information:
Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Pres Chk

Report to: **Raina, Irene, Jessica & Alanna**

Email To: **rlopez, iyazzie, achee, labadmin@envirotech-inc.com**

Project Description: **Lateral 2b 31 Spill**

City/State Collected: **NM**

Phone: **505-632-1881**
Fax:

Client Project # **97057-1097**

Lab Project #

Collected by (print): **B. Hall**

Site/Facility ID # **P003052**

P.O. # **145794**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed: ASAP

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 Full List/ 125 ml amber glass/ NONE
West of Terminal		GW		3/10/20	17:18	2	X
Terminal		GW		3/10/20	17:23	2	X
West of Source		GW		3/10/20	17:30	2	X
Source		GW		3/10/20	17:35	2	X

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

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

L# 1178174
G249

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Remarks	Sample # (lab only)
	-01
	02
	03
	04

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

Remarks:
Please Complete enclosed ScSRC and return to rlopez@envirotech-inc.com

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1382 4804 4392

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Raina Lopez	3/11/20	13:30	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Carol Kemp

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

Temp: 0.6 °C Bottles Received: 8

Date: 3/12/20 Time: 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Envirotech, Inc.

Phone: (505) 632-1881 Fax: (505) 632-1865

Subcontract Sample Receipt Checklist (ScSRC)

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalities/nonconformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: P003052 RL — Date shipped: 3/11/20

Envirotech SCO Initials: — Shipping Carrier: FedEx — Envirotech email: labadmin@envirotech-inc.com

Subcontract Lab Name: Pace Analytical — State of origin: (NM) CO / UT / TX / AZ /Other

				Comments/Resolution
State Certification Information				
Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	Yes □	□ No	□ NA	
Note: There are no RCRA/CWA state certification programs for the states of NM / CO				
Does the laboratory hold the certification for the requested method(s) of analysis?	Yes □	□ No	□ NA	
Chain of Custody (COC) Information				
Does the sample ID match the COC?	Yes □	□ No		
Does the number of samples per sampling site location match the COC?	Yes □	□ No		
Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes □	□ No		
Were samples received within the method specified holding time or is there sufficient holding time left to conduct analysis as standard TAT?	Yes □	□ No		
Sample Turn Around Time (TAT) Information				
Did the COC indicate standard TAT, or expidited TAT? Standard 6-day TAT □; 24-hr rush □; 48-hr rush □; 72-hr rush □; other rush □ _____	Yes □	□ No		
Sample Cooler Information				
Was the sample cooler received in good condition?	Yes □	□ No		
Was the sample(s) received in tact, i.e., not broken?	Yes □	□ No		
Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	Yes □	□ No		
If no visible ice, record the temperature. Actual sample temperature.		Temperature:		
Sample Container Information				
Is the appropriate volume/weight or number of sample containers collected:	Yes □	□ No		
Sample Preservation Information				
Does the COC or field labels indicate the samples were correctly preserved?	Yes □	□ No	□ NA	
Multiphase Sample Matrix Information				
Does the sample have more than one phase, i.e., multiphase?	Yes □	□ No		
If so, does the COC specify which phase(s) is to be analyzed?	Yes □	□ No		

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

Signature of subcontract laboratory sample custodian — Date Received:

6796 US Highway 64, Farmington, NM 87401 Ph (505) 632-1881 Fx (505) 632-1865
24 Hour Emergency Response (800) 362-1879
envirotech-inc.com
labadmin@envirotech-inc.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/11/2020
Job Number: 97057-1097
Work Order: P003057
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Date: 3/13/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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.

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TRC truck TK 26	P003057-01A	Aqueous	03/11/20	03/11/20	Poly 500mL
	P003057-01B	Aqueous	03/11/20	03/11/20	Poly 250mL; HNO3
	P003057-01C	Aqueous	03/11/20	03/11/20	Amber Glass, 125mL
	P003057-01D	Aqueous	03/11/20	03/11/20	Amber Glass, 125mL
	P003057-01E	Aqueous	03/11/20	03/11/20	VOA Vial, 40mL; HCl
	P003057-01F	Aqueous	03/11/20	03/11/20	VOA Vial, 40mL; HCl
	P003057-01G	Aqueous	03/11/20	03/11/20	VOA Vial, 40mL; HCl
Trip Blank	P003057-02A	Aqueous	03/11/20	03/11/20	VOA Vial, 40mL

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

TRC truck TK 26
P003057-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**215**	10.0	mg/L	1	2011018	03/11/20	03/13/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	**39.5**	20.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	**58.6**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	**5.14**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	**149**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

TRC truck TK 26
P003057-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromochloromethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	**9.14**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	**59.0**	4.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	**15.2**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	**74.3**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	**2.28**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	**6.88**	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

TRC truck TK 26
P003057-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*105 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**32.7**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Magnesium	**5.37**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Potassium	**2.01**	1.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Sodium	**25.4**	2.00	mg/L	1	2011026	03/11/20	03/11/20	EPA 6010C	
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Chloride	**20.0**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 20:50	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 20:50	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011029	03/11/20 15:58	03/11/20 20:50	EPA 300.0/9056A	
Sulfate	**45.8**	10.0	mg/L	5	2011029	03/11/20	03/11/20	EPA 300.0/9056A	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

TRC truck TK 26

P003057-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	**36.4**	2.00	ug/L	10	2011037	03/12/20	03/12/20	EPA 7470A	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Trip Blank
P003057-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Trip Blank
P003057-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2011030	03/12/20	03/12/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*98.2 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2011030*	*03/12/20*	*03/12/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Wet Chem/Gravimetric - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011018 - Wet Chemistry Preparation										
Blank (2011018-BLK1)				Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	ND	10.0	mg/L							
LCS (2011018-BS1)				Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	112	10.0	mg/L	100		112	55-134			
Duplicate (2011018-DUP1)		**Source: P003043-01**		Prepared: 03/11/20 0 Analyzed: 03/13/20 1						
Total Dissolved Solids	2400	25.0	mg/L		2400			0.00	5	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011030 - Purge and Trap EPA 5030A										
Blank (2011030-BLK1)				Prepared & Analyzed: 03/12/20 0						
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	"							

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011030 - Purge and Trap EPA 5030A										
Blank (2011030-BLK1)				Prepared & Analyzed: 03/12/20 0						
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	*10.1*		"	*10.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*9.96*		"	*10.0*		*99.6*	*70-130*			
Surrogate: Bromofluorobenzene	*10.3*		"	*10.0*		*103*	*70-130*			
LCS (2011030-BS1)				Prepared & Analyzed: 03/11/20 1						
Vinyl chloride	54.4	1.00	ug/L	50.0		109	80-120			
1,1-Dichloroethene	56.1	1.00	"	50.0		112	80-120			
Methylene Chloride	53.5	5.00	"	50.0		107	70-130			
Methyl tert-Butyl Ether (MTBE)	52.4	1.00	"	50.0		105	70-130			
Diisopropyl Ether (DIPE)	50.4	1.00	"	50.0		101	65-135			
Bromochloromethane	49.0	1.00	"	50.0		97.9	70-130			
1,1,1-Trichloroethane	52.1	1.00	"	50.0		104	70-130			
Benzene	49.3	1.00	"	50.0		98.6	70-130			
Trichloroethene	47.3	1.00	"	50.0		94.6	70-130			
1,2-Dichloropropane	51.2	1.00	"	50.0		102	80-120			
4-Methyl-2-pentanone (MIBK)	117	20.0	"	100		117	50-160			
Toluene	50.3	1.00	"	50.0		101	80-120			
1,1,2-Trichloroethane	53.2	1.00	"	50.0		106	70-130			
Tetrachloroethene	51.2	1.00	"	50.0		102	70-130			
Chlorobenzene	50.7	1.00	"	50.0		101	70-130			
Ethylbenzene	51.1	1.00	"	50.0		102	80-120			
1,1,1,2-Tetrachloroethane	49.5	1.00	"	50.0		99.0	70-130			
p,m-Xylene	102	2.00	"	100		102	70-130			
o-Xylene	50.9	1.00	"	50.0		102	70-130			
Total Xylenes	153	1.00	"	150		102	0-200			
n-Propyl Benzene	50.0	1.00	"	50.0		100	70-130			
tert-Butylbenzene	52.3	1.00	"	50.0		104	70-130			
1,4-Dichlorobenzene	50.5	1.00	"	50.0		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	58.0	5.00	"	50.0		116	65-135			
1,2,3-Trichlorobenzene	46.9	5.00	"	50.0		93.8	70-140			

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011030 - Purge and Trap EPA 5030A										
LCS (2011030-BS1)				Prepared & Analyzed: 03/11/20 1						
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*ug/L*	*10.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*			
Matrix Spike (2011030-MS1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Vinyl chloride	273	5.00	ug/L	250	ND	109	44-143			
1,1-Dichloroethene	285	5.00	"	250	ND	114	49-144			
Methylene Chloride	274	25.0	"	250	ND	109	60-140			
Methyl tert-Butyl Ether (MTBE)	273	5.00	"	250	ND	109	61-136			
Diisopropyl Ether (DIPE)	259	5.00	"	250	ND	104	60-140			
Bromochloromethane	255	5.00	"	250	ND	102	65-135			
1,1,1-Trichloroethane	269	5.00	"	250	ND	108	58-134			
Benzene	254	5.00	"	250	ND	101	59-133			
Trichloroethene	235	5.00	"	250	ND	94.2	49-148			
1,2-Dichloropropane	267	5.00	"	250	ND	107	35-135			
4-Methyl-2-pentanone (MIBK)	601	100	"	500	ND	120	40-170			
Toluene	258	5.00	"	250	ND	103	67-130			
1,1,2-Trichloroethane	276	5.00	"	250	ND	110	65-135			
Tetrachloroethene	253	5.00	"	250	ND	101	57-141			
Chlorobenzene	259	5.00	"	250	ND	103	70-130			
Ethylbenzene	260	5.00	"	250	ND	104	62-136			
1,1,1,2-Tetrachloroethane	252	5.00	"	250	ND	101	70-132			
p,m-Xylene	519	10.0	"	500	ND	104	65-135			
o-Xylene	261	5.00	"	250	ND	104	70-130			
Total Xylenes	780	5.00	"	750	ND	104	0-200			
n-Propyl Benzene	255	5.00	"	250	ND	102	63-139			
tert-Butylbenzene	268	5.00	"	250	ND	107	67-138			
1,4-Dichlorobenzene	261	5.00	"	250	ND	104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	304	25.0	"	250	ND	122	60-160			
1,2,3-Trichlorobenzene	239	25.0	"	250	ND	95.5	60-160			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*70-130*			
Surrogate: Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*70-130*			
Matrix Spike Dup (2011030-MSD1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Vinyl chloride	264	5.00	ug/L	250	ND	105	44-143	3.46	30	
1,1-Dichloroethene	277	5.00	"	250	ND	111	49-144	2.63	20	
Methylene Chloride	267	25.0	"	250	ND	107	60-140	2.46	20	
Methyl tert-Butyl Ether (MTBE)	263	5.00	"	250	ND	105	61-136	3.60	20	
Diisopropyl Ether (DIPE)	249	5.00	"	250	ND	99.7	60-140	3.95	20	
Bromochloromethane	249	5.00	"	250	ND	99.4	65-135	2.68	20	
1,1,1-Trichloroethane	260	5.00	"	250	ND	104	58-134	3.63	20	
Benzene	246	5.00	"	250	ND	98.5	59-133	3.04	20	
Trichloroethene	222	5.00	"	250	ND	88.7	49-148	5.95	20	
1,2-Dichloropropane	253	5.00	"	250	ND	101	35-135	5.39	20	
4-Methyl-2-pentanone (MIBK)	569	100	"	500	ND	114	40-170	5.53	30	
Toluene	247	5.00	"	250	ND	98.7	67-130	4.61	20	
1,1,2-Trichloroethane	261	5.00	"	250	ND	104	65-135	5.45	20	
Tetrachloroethene	239	5.00	"	250	ND	95.8	57-141	5.56	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011030 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2011030-MSD1)		**Source: P003044-01**		Prepared & Analyzed: 03/12/20 0						
Chlorobenzene	248	5.00	ug/L	250	ND	99.0	70-130	4.31	20	
Ethylbenzene	248	5.00	"	250	ND	99.2	62-136	4.86	20	
1,1,1,2-Tetrachloroethane	241	5.00	"	250	ND	96.5	70-132	4.48	20	
p,m-Xylene	492	10.0	"	500	ND	98.4	65-135	5.26	20	
o-Xylene	249	5.00	"	250	ND	99.7	70-130	4.68	20	
Total Xylenes	741	5.00	"	750	ND	98.8	0-200	5.07	200	
n-Propyl Benzene	243	5.00	"	250	ND	97.2	63-139	4.72	20	
tert-Butylbenzene	257	5.00	"	250	ND	103	67-138	4.25	20	
1,4-Dichlorobenzene	244	5.00	"	250	ND	97.5	70-130	6.80	20	
1,2-Dibromo-3-chloropropane (DBCP)	283	25.0	"	250	ND	113	60-160	6.98	30	
1,2,3-Trichlorobenzene	228	25.0	"	250	ND	91.2	60-160	4.65	20	
Surrogate: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*70-130*			
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*70-130*			
Surrogate: Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*70-130*			

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011026 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011026-BLK1)				Prepared & Analyzed: 03/11/20 1						
Arsenic	ND	0.0200	mg/L							
Barium	ND	0.250	"							
Cadmium	ND	0.0100	"							
Chromium	ND	0.0200	"							
Lead	ND	0.0100	"							
Selenium	ND	0.0500	"							
Silver	ND	0.0100	"							
LCS (2011026-BS1)				Prepared & Analyzed: 03/11/20 1						
Arsenic	0.449	0.0200	mg/L	0.500		89.7	80-120			
Barium	12.1	0.250	"	12.5		96.7	80-120			
Cadmium	0.231	0.0100	"	0.250		92.2	80-120			
Chromium	0.918	0.0200	"	1.00		91.8	80-120			
Lead	0.232	0.0100	"	0.250		92.9	80-120			
Selenium	1.11	0.0500	"	1.25		88.5	80-120			
Silver	0.0907	0.0100	"	0.100		90.7	80-120			
Matrix Spike (2011026-MS1)		**Source: P003052-01**		Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Arsenic	0.462	0.0200	mg/L	0.500	ND	92.5	75-125			
Barium	12.1	0.250	"	12.5	ND	96.9	75-125			
Cadmium	0.228	0.0100	"	0.250	ND	91.3	75-125			
Chromium	0.910	0.0200	"	1.00	ND	91.0	75-125			
Lead	0.218	0.0100	"	0.250	ND	87.1	75-125			
Selenium	1.12	0.0500	"	1.25	ND	89.8	75-125			
Silver	0.0915	0.0100	"	0.100	ND	91.5	75-125			
Matrix Spike Dup (2011026-MSD1)		**Source: P003052-01**		Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Arsenic	0.484	0.0200	mg/L	0.500	ND	96.8	75-125	4.59	20	
Barium	13.0	0.250	"	12.5	ND	104	75-125	6.86	20	
Cadmium	0.238	0.0100	"	0.250	ND	95.1	75-125	4.12	20	
Chromium	0.943	0.0200	"	1.00	ND	94.3	75-125	3.55	20	
Lead	0.229	0.0100	"	0.250	ND	91.6	75-125	5.02	20	
Selenium	1.18	0.0500	"	1.25	ND	94.2	75-125	4.78	20	
Silver	0.0956	0.0100	"	0.100	ND	95.6	75-125	4.38	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011026 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011026-BLK1)				Prepared & Analyzed: 03/11/20 1						
Calcium	ND	1.00	mg/L							
Iron	ND	2.00	"							
Magnesium	ND	1.00	"							
Potassium	ND	1.00	"							
Sodium	ND	2.00	"							
LCS (2011026-BS1)				Prepared & Analyzed: 03/11/20 1						
Calcium	48.1	1.00	mg/L	50.0		96.2	80-120			
Iron	95.9	2.00	"	100		95.9	80-120			
Magnesium	46.3	1.00	"	50.0		92.6	80-120			
Potassium	4.67	1.00	"	5.00		93.4	80-120			
Sodium	16.9	2.00	"	20.0		84.5	80-120			
Matrix Spike (2011026-MS1)	**Source: P003052-01**			Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Calcium	345	1.00	mg/L	50.0	292	105	75-125			
Iron	95.1	2.00	"	100	ND	95.1	75-125			
Magnesium	74.2	1.00	"	50.0	28.1	92.2	75-125			
Potassium	9.23	1.00	"	5.00	4.01	105	75-125			
Sodium	438	10.0	"	20.0	399	198	75-125			G1, M4
Matrix Spike Dup (2011026-MSD1)	**Source: P003052-01**			Prepared: 03/11/20 1 Analyzed: 03/11/20 2						
Calcium	350	1.00	mg/L	50.0	292	116	75-125	1.64	20	
Iron	101	2.00	"	100	ND	101	75-125	6.41	20	
Magnesium	75.3	1.00	"	50.0	28.1	94.2	75-125	1.39	20	
Potassium	9.60	1.00	"	5.00	4.01	112	75-125	3.90	20	
Sodium	431	10.0	"	20.0	399	161	75-125	1.70	20	G1, M4

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011029 - Anion Extraction EPA 300.0/9056A										
Blank (2011029-BLK1)				Prepared & Analyzed: 03/11/20 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 (2011029-BS1)				Prepared & Analyzed: 03/11/20 1						
Fluoride	2.51	0.250	mg/L	2.50		100	90-110			
Chloride	25.0	2.00	"	25.0		100	90-110			
Nitrite-N	2.52	0.250	"	2.50		101	90-110			
Nitrate-N	2.62	0.250	"	2.50		105	90-110			
o-Phosphate-P	12.5	0.250	"	12.5		99.9	90-110			
Sulfate	25.3	2.00	"	25.0		101	90-110			
Matrix Spike (2011029-MS1)	**Source: P003052-01**			Prepared & Analyzed: 03/11/20 1						
Fluoride	2.08	1.25	mg/L	2.50	ND	83.0	80-120			
Chloride	34.6	10.0	"	25.0	10.9	94.6	80-120			
Nitrite-N	2.24	1.25	"	2.50	ND	89.6	80-120			
Nitrate-N	2.55	1.25	"	2.50	ND	102	80-120			
o-Phosphate-P	8.55	1.25	"	12.5	ND	68.4	80-120			M2
Sulfate	1170	10.0	"	25.0	1200	NR	80-120			M2
Matrix Spike Dup (2011029-MSD1)	**Source: P003052-01**			Prepared & Analyzed: 03/11/20 1						
Fluoride	2.78	1.25	mg/L	2.50	ND	111	80-120	29.0	20	R3
Chloride	34.8	10.0	"	25.0	10.9	95.6	80-120	0.663	20	
Nitrite-N	2.23	1.25	"	2.50	ND	89.0	80-120	0.672	20	
Nitrate-N	2.58	1.25	"	2.50	ND	103	80-120	1.17	20	
o-Phosphate-P	12.1	1.25	"	12.5	ND	97.0	80-120	34.6	20	R3
Sulfate	1180	10.0	"	25.0	1200	NR	80-120	0.531	20	M2

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

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
Batch 2011037 - Mercury Water Digestion KMNO4										
Blank (2011037-BLK1)				Prepared & Analyzed: 03/12/20 1						
Mercury	ND	0.200	ug/L							
LCS (2011037-BS1)				Prepared & Analyzed: 03/12/20 1						
Mercury	1.98	0.200	ug/L	2.00		99.0	80-120			
Matrix Spike (2011037-MS1)		**Source: P003052-01**		Prepared & Analyzed: 03/12/20 1						
Mercury	1.99	0.200	ug/L	2.00	ND	99.3	75-125			
Matrix Spike Dup (2011037-MSD1)		**Source: P003052-01**		Prepared & Analyzed: 03/12/20 1						
Mercury	1.96	0.200	ug/L	2.00	ND	98.2	75-125	1.12	20	

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/13/20 15:59

Notes and Definitions

R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
G1	Second source ICV failed at 89.7% on second run. First run, ICV passed, but samples were greater than the LDR.
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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise	**Report Attention**
Project: Vaterai nB 21 Spill	Report due by:
Project Manager: F Aragon	Email:
Address:	Address:
City, State, Zip	City, State, Zip
Phone:	Phone:
Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen Igarcia Dcarter	

Lab Use Only

Lab WO#	Job Number
P003057	97057-1097

TAT

1D	3D
X	

EPA Program

RCRA	CWA	SDW

State

NM	CO	UT	A
X			

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	8270	Total RCRA Metals	Chlorides	TDS	Cations	Anions					Remarks
1000	3/11/2020	A	7	TRE truck TK216	1	X	X	X	X	X	X	X					
		A	1	trip blank		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: Daman Carter

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
Daman Carter	3/11/20	10:49	Raina Lopez	3/11/20	10:49
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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 laboratry is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

ANALYTICAL REPORT

March 13, 2020

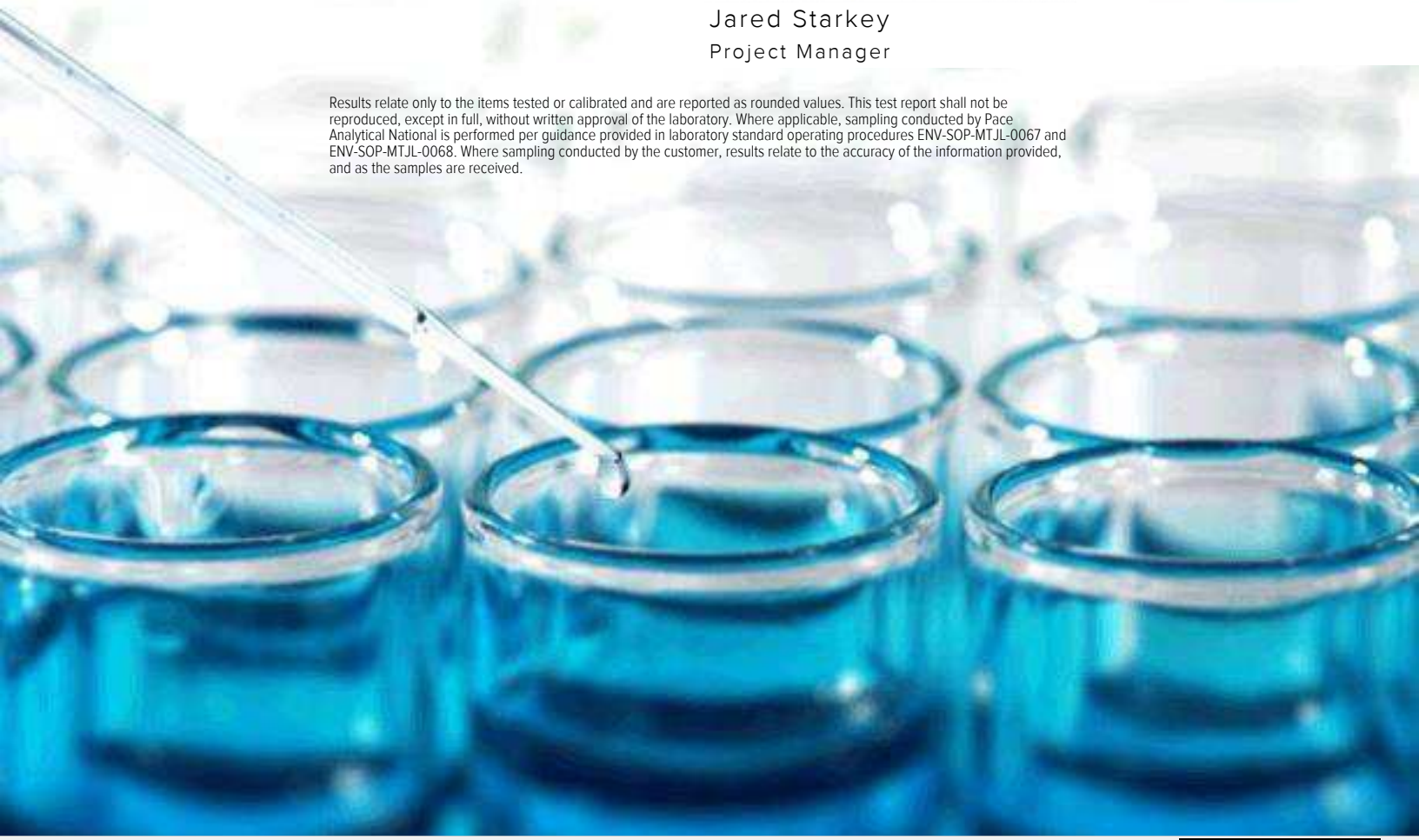
EnviroTech- NM

Sample Delivery Group:	L1198170
Samples Received:	03/12/2020
Project Number:	97057-1097
Description:	Lateral 2b 31 Spill
Site:	P003057
Report To:	Irene Yazzie 5796 US. Highway 64 Farmington, NM 87401

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.



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TRC TRUCK TK 26 L1198170-01 GW

			Collected by	Collected date/time	Received date/time	
			B. Hall	03/11/20 10:00	03/12/20 08:30	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1442894	1	03/12/20 17:35	03/13/20 05:19	JNJ	Mt. Juliet, TN

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

Jared Starkey
Project Manager

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	03/13/2020 05:19	WG1442894
Acenaphthylene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Anthracene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzidine	ND		0.0100	1	03/13/2020 05:19	WG1442894
Benzo(a)anthracene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzo(b)fluoranthene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzo(k)fluoranthene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzo(g,h,i)perylene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzo(a)pyrene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/13/2020 05:19	WG1442894
Bis(2-chloroethyl)ether	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/13/2020 05:19	WG1442894
4-Bromophenyl-phenylether	ND		0.0100	1	03/13/2020 05:19	WG1442894
2-Chloronaphthalene	ND		0.00100	1	03/13/2020 05:19	WG1442894
4-Chlorophenyl-phenylether	ND		0.0100	1	03/13/2020 05:19	WG1442894
Chrysene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Dibenz(a,h)anthracene	ND		0.00100	1	03/13/2020 05:19	WG1442894
1,2-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:19	WG1442894
1,3-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:19	WG1442894
1,4-Dichlorobenzene	ND		0.0100	1	03/13/2020 05:19	WG1442894
3,3-Dichlorobenzidine	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,4-Dinitrotoluene	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,6-Dinitrotoluene	ND		0.0100	1	03/13/2020 05:19	WG1442894
Fluoranthene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Fluorene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Hexachlorobenzene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Hexachloro-1,3-butadiene	ND		0.0100	1	03/13/2020 05:19	WG1442894
Hexachlorocyclopentadiene	ND		0.0100	1	03/13/2020 05:19	WG1442894
Hexachloroethane	ND		0.0100	1	03/13/2020 05:19	WG1442894
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Isophorone	ND		0.0100	1	03/13/2020 05:19	WG1442894
Naphthalene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Nitrobenzene	ND		0.0100	1	03/13/2020 05:19	WG1442894
n-Nitrosodimethylamine	ND		0.0100	1	03/13/2020 05:19	WG1442894
n-Nitrosodiphenylamine	ND		0.0100	1	03/13/2020 05:19	WG1442894
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/13/2020 05:19	WG1442894
Phenanthrene	ND		0.00100	1	03/13/2020 05:19	WG1442894
Benzylbutyl phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Di-n-butyl phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Diethyl phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Dimethyl phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Di-n-octyl phthalate	ND		0.00300	1	03/13/2020 05:19	WG1442894
Pyrene	ND		0.00100	1	03/13/2020 05:19	WG1442894
1,2,4-Trichlorobenzene	ND		0.0100	1	03/13/2020 05:19	WG1442894
4-Chloro-3-methylphenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2-Chlorophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,4-Dichlorophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,4-Dimethylphenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,4-Dinitrophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2-Nitrophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
4-Nitrophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
Pentachlorophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
Phenol	ND		0.0100	1	03/13/2020 05:19	WG1442894
2,4,6-Trichlorophenol	ND		0.0100	1	03/13/2020 05:19	WG1442894

Collected date/time: 03/11/20 10:00 L1198170

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	*38.0*		*10.0-120*		*03/13/2020 05:19*	WG1442894
(S) Phenol-d5	*24.9*		*10.0-120*		*03/13/2020 05:19*	WG1442894
(S) Nitrobenzene-d5	*58.0*		*10.0-127*		*03/13/2020 05:19*	WG1442894
(S) 2-Fluorobiphenyl	*70.6*		*10.0-130*		*03/13/2020 05:19*	WG1442894
(S) 2,4,6-Tribromophenol	*92.0*		*10.0-155*		*03/13/2020 05:19*	WG1442894
(S) p-Terphenyl-d14	*92.4*		*10.0-128*		*03/13/2020 05:19*	WG1442894

Method Blank (MB)

(MB) R3508190-2 03/13/20 01:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300

Method Blank (MB)

(MB) R3508190-2 03/13/20 01:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*54.1*			*10.0-127*
(S) 2-Fluorobiphenyl	*69.1*			*10.0-130*
(S) p-Terphenyl-d14	*79.0*			*10.0-128*
(S) Phenol-d5	*28.2*			*10.0-120*
(S) 2-Fluorophenol	*43.7*			*10.0-120*
(S) 2,4,6-Tribromophenol	*74.0*			*10.0-155*

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100

Method Blank (MB)

(MB) R3508246-1 03/12/20 23:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*0.000*	J2		*10.0-127*
(S) 2-Fluorobiphenyl	*0.000*	J2		*10.0-130*
(S) p-Terphenyl-d14	*0.000*	J2		*10.0-128*
(S) Phenol-d5	*0.000*	J2		*10.0-120*
(S) 2-Fluorophenol	*0.000*	J2		*10.0-120*
(S) 2,4,6-Tribromophenol	*0.000*	J2		*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3508190-1 03/13/20 00:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0338	67.6	41.0-120	
Acenaphthylene	0.0500	0.0364	72.8	43.0-120	
Anthracene	0.0500	0.0358	71.6	45.0-120	
Benzidine	0.0500	0.0362	72.4	10.0-120	
Benzo(a)anthracene	0.0500	0.0368	73.6	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0396	79.2	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0377	75.4	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0366	73.2	48.0-121	
Benzo(a)pyrene	0.0500	0.0395	79.0	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0338	67.6	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0326	65.2	23.0-120	
2,2-Oxybis(1-Chloropropane)	0.0500	0.0324	64.8	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0405	81.0	45.0-120	
2-Chloronaphthalene	0.0500	0.0321	64.2	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0392	78.4	44.0-120	
Chrysene	0.0500	0.0362	72.4	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0382	76.4	47.0-120	
1,2-Dichlorobenzene	0.0500	0.0305	61.0	20.0-120	
1,3-Dichlorobenzene	0.0500	0.0298	59.6	17.0-120	
1,4-Dichlorobenzene	0.0500	0.0292	58.4	18.0-120	
3,3-Dichlorobenzidine	0.100	0.0689	68.9	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0423	84.6	49.0-124	

Laboratory Control Sample (LCS)

(LCS) R3508190-1 03/13/20 00:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,6-Dinitrotoluene	0.0500	0.0392	78.4	46.0-120	
Fluoranthene	0.0500	0.0393	78.6	51.0-120	
Fluorene	0.0500	0.0359	71.8	47.0-120	
Hexachlorobenzene	0.0500	0.0407	81.4	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0348	69.6	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0274	54.8	15.0-120	
Hexachloroethane	0.0500	0.0301	60.2	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0359	71.8	49.0-122	
Isophorone	0.0500	0.0349	69.8	36.0-120	
Naphthalene	0.0500	0.0303	60.6	27.0-120	
Nitrobenzene	0.0500	0.0321	64.2	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0168	33.6	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0366	73.2	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0359	71.8	31.0-120	
Phenanthrene	0.0500	0.0358	71.6	46.0-120	
Benzylbutyl phthalate	0.0500	0.0341	68.2	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0337	67.4	43.0-122	
Di-n-butyl phthalate	0.0500	0.0381	76.2	49.0-121	
Diethyl phthalate	0.0500	0.0399	79.8	48.0-122	
Dimethyl phthalate	0.0500	0.0401	80.2	48.0-120	
Di-n-octyl phthalate	0.0500	0.0320	64.0	42.0-125	
Pyrene	0.0500	0.0372	74.4	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0305	61.0	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0366	73.2	40.0-120	
2-Chlorophenol	0.0500	0.0296	59.2	25.0-120	
2,4-Dichlorophenol	0.0500	0.0343	68.6	36.0-120	
2,4-Dimethylphenol	0.0500	0.0367	73.4	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0417	83.4	38.0-138	
2,4-Dinitrophenol	0.0500	0.0414	82.8	10.0-120	
2-Nitrophenol	0.0500	0.0349	69.8	31.0-120	
4-Nitrophenol	0.0500	0.0178	35.6	10.0-120	
Pentachlorophenol	0.0500	0.0525	105	23.0-120	
Phenol	0.0500	0.0168	33.6	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0340	68.0	42.0-120	
(S) Nitrobenzene-d5			*51.9*	*10.0-127*	
(S) 2-Fluorobiphenyl			*72.9*	*10.0-130*	
(S) p-Terphenyl-d14			*82.2*	*10.0-128*	
(S) Phenol-d5			*25.9*	*10.0-120*	
(S) 2-Fluorophenol			*41.5*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*93.0*	*10.0-155*	

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
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

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

State Accreditations

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

Third Party Federal Accreditations

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

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

Our Locations

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

Envirotech Inc. **5796 US HWY 64** **Farmington, NM 87401**	Billing Information: **Envirotech Inc.** **5796 US HWY 64** **Farmington, NM 87401**	Pres Chk	Chain of Custody Page 1 of 1 Pace Analytical® National Center for Testing & Innovation 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: **Raina, Irene, Jessica & Alanna**	Email To: **rlopez, iyazzie, achee, labadmin@envirotech-inc.com**		
Project Description: **Lateral 2b 31 Spill**	City/State Collected: **NM**		L# 1198170 G250
Phone: **505-632-1881** Fax:	Client Project # **97057-1097**	Lab Project #	
Collected by (print): **B. Hall**	Site/Facility ID # **P003057**	P.O. # **145794**	Acctnum:
Collected by (signature): Immediately Packed on Ice N ___ Y X	*Rush?* (Lab MUST Be Notified) X Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed ASAP	Template: Prelogin: TSR: PB: Shipped Via:

Analysis / Container / Preservative: 8270 Full List/ 125 ml amber glass/ NONE

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 Full List/ 125 ml amber glass/ NONE	Remarks	Sample # (lab only)
TRC truck TK 26		GW		3/11/20	10:00	2	X		-01

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

Remarks:
Please Complete enclosed ScSRC and return to rlopez@envirotech-inc.com

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier __ ______

Tracking # 1382 4804 4392

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)		
Rain Lopez	3/11/20	13:30		Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.2 °C Bottles Received: 2 G6T3=0.1	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Carol Kemp	Date: 3/12/20 Time: 8:30	Hold: Condition: NCF / OK

119076

Envirotech, Inc.

Phone: (505) 632-1881 Fax: (505) 632-1865

Subcontract Sample Receipt Checklist (ScSRC)

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalities/nonconformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: P003057 Date shipped 3/11/20

Envirotech SCO Initials: RL Shipping Carrier: FedEx Envirotech email: labadmin@envirotech-inc.com

Subcontract Lab Name: Pace Analytical State of origin: (NM) / CO / UT / TX / AZ /Other

				Comments/Resolution
State Certification Information				
Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	Yes ☐	☐ No	☐ NA	
Note: There are no RCRA/CWA state certification programs for the states of NM / CO				
Does the laboratory hold the certification for the requested method(s) of analysis?	Yes ☐	☐ No	☐ NA	
Chain of Custody (COC) Information				
Does the sample ID match the COC?	Yes ☐	☐ No		
Does the number of samples per sampling site location match the COC?	Yes ☐	☐ No		
Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes ☐	☐ No		
Were samples received within the method specified holding time or is there sufficient holding time left to conduct analysis as standard TAT?	Yes ☐	☐ No		
Sample Turn Around Time (TAT) Information				
Did the COC indicate standard TAT, or expidited TAT? Standard 6-day TAT ☐; 24-hr rush ☐; 48-hr rush ☐; 72-hr rush ☐; other rush ☐ _____	Yes ☐	☐ No		
Sample Cooler Information				
Was the sample cooler received in good condition?	Yes ☐	☐ No		
Was the sample(s) received in tact, i.e., not broken?	Yes ☐	☐ No		
Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	Yes ☐	☐ No		
If no visible ice, record the temperature. Actual sample temperature.		Temperature:		
Sample Container Information				
Is the appropriate volume/weight or number of sample containers collected:	Yes ☐	☐ No		
Sample Preservation Information				
Does the COC or field labels indicate the samples were correctly preserved?	Yes ☐	☐ No	☐ NA	
Multiphase Sample Matrix Information				
Does the sample have more than one phase, i.e., multiphase?	Yes ☐	☐ No		
If so, does the COC specify which phase(s) is to be analyzed?	Yes ☐	☐ No		

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

_____ Date Received: _____

Signature of subcontract laboratory sample custodian

6796 US Highway 64, Farmington, NM 87401 Ph (505) 632-1881 Fx (505) 632-1865
24 Hour Emergency Response (800) 362-1879
envirotech-inc.com
labadmin@envirotech-inc.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/13/2020
Job Number: 97057-1097
Work Order: P003077
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Date: 3/17/20

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.

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Upstream	P003077-01A	Aqueous	03/13/20	03/13/20	Poly 500mL
	P003077-01B	Aqueous	03/13/20	03/13/20	Poly 250mL; HNO3
	P003077-01C	Aqueous	03/13/20	03/13/20	Poly 250mL
	P003077-01D	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003077-01E	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003077-01F	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003077-01G	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003077-01H	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Trip Blank	P003077-02A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Upstream
P003077-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2060**	10.0	mg/L	1	2011055	03/14/20	03/17/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Chloroform	ND	20.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Benzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Bromodichloromethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Toluene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Upstream
P003077-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Dibromochloromethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Ethylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
p,m-Xylene	ND	4.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
o-Xylene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Total Xylenes	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2011048	03/13/20	03/13/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Upstream
P003077-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*100 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Barium	**0.271**	0.250	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**822**	1.00	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Iron	**4.29**	2.00	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Magnesium	**36.7**	1.00	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Potassium	**6.91**	1.00	mg/L	1	2011046	03/13/20	03/16/20	EPA 6010C	
Sodium	**353**	10.0	mg/L	5	2011046	03/13/20	03/16/20	EPA 6010C	
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011050	03/13/20	03/13/20	EPA 300.0/9056A	
Chloride	**13.1**	10.0	mg/L	5	2011050	03/13/20	03/13/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011050	03/13/20 15:49	03/13/20 23:13	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011050	03/13/20 15:49	03/13/20 23:13	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011050	03/13/20 15:49	03/13/20 23:13	EPA 300.0/9056A	
Sulfate	**1180**	10.0	mg/L	5	2011050	03/13/20	03/13/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Upstream

P003077-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	ND	0.200	ug/L	1	2011052	03/14/20	03/16/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Trip Blank
P003077-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Trip Blank
P003077-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2011048	03/13/20	03/13/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.6 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2011048*	*03/13/20*	*03/13/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Wet Chem/Gravimetric - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011055 - Wet Chemistry Preparation										
Blank (2011055-BLK1)				Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	ND	10.0	mg/L							
LCS (2011055-BS1)				Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	107	10.0	mg/L	100		107	55-134			
Duplicate (2011055-DUP1)		**Source: P003077-01**		Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	2160	10.0	mg/L		2060			4.74	5	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011048 - Purge and Trap EPA 5030A										
Blank (2011048-BLK1)				Prepared & Analyzed: 03/13/20 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:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011048 - Purge and Trap EPA 5030A										
Blank (2011048-BLK1)				Prepared & Analyzed: 03/13/20 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	*9.53*		"	*10.0*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*9.86*		"	*10.0*		*98.6*	*70-130*			
Surrogate: Bromofluorobenzene	*9.84*		"	*10.0*		*98.4*	*70-130*			
LCS (2011048-BS1)				Prepared & Analyzed: 03/13/20 1						
Vinyl chloride	51.1	1.00	ug/L	50.0		102	80-120			
1,1-Dichloroethene	54.1	1.00	"	50.0		108	80-120			
Methylene Chloride	52.2	5.00	"	50.0		104	70-130			
Methyl tert-Butyl Ether (MTBE)	51.5	1.00	"	50.0		103	70-130			
Diisopropyl Ether (DIPE)	49.1	1.00	"	50.0		98.2	65-135			
Bromochloromethane	48.1	1.00	"	50.0		96.3	70-130			
1,1,1-Trichloroethane	51.2	1.00	"	50.0		102	70-130			
Benzene	48.2	1.00	"	50.0		96.4	70-130			
Trichloroethene	45.9	1.00	"	50.0		91.7	70-130			
1,2-Dichloropropane	50.9	1.00	"	50.0		102	80-120			
4-Methyl-2-pentanone (MIBK)	116	20.0	"	100		116	50-160			
Toluene	50.1	1.00	"	50.0		100	80-120			
1,1,2-Trichloroethane	52.5	1.00	"	50.0		105	70-130			
Tetrachloroethene	49.6	1.00	"	50.0		99.2	70-130			
Chlorobenzene	49.5	1.00	"	50.0		98.9	70-130			
Ethylbenzene	50.2	1.00	"	50.0		100	80-120			
1,1,1,2-Tetrachloroethane	48.1	1.00	"	50.0		96.2	70-130			
p,m-Xylene	100	2.00	"	100		100	70-130			
o-Xylene	50.0	1.00	"	50.0		100	70-130			
Total Xylenes	150	1.00	"	150		100	0-200			
n-Propyl Benzene	49.7	1.00	"	50.0		99.4	70-130			
tert-Butylbenzene	51.8	1.00	"	50.0		103	70-130			
1,4-Dichlorobenzene	49.6	1.00	"	50.0		99.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	58.4	5.00	"	50.0		117	65-135			
1,2,3-Trichlorobenzene	45.6	5.00	"	50.0		91.3	70-140			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011048 - Purge and Trap EPA 5030A										
LCS (2011048-BS1)				Prepared & Analyzed: 03/13/20 1						
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*ug/L*	*10.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*70-130*			
LCS Dup (2011048-BSD1)				Prepared & Analyzed: 03/13/20 1						
Vinyl chloride	51.1	1.00	ug/L	50.0		102	80-120	0.0196	30	
1,1-Dichloroethene	54.1	1.00	"	50.0		108	80-120	0.0370	20	
Methylene Chloride	52.4	5.00	"	50.0		105	70-130	0.287	20	
Methyl tert-Butyl Ether (MTBE)	51.5	1.00	"	50.0		103	70-130	0.0582	20	
Diisopropyl Ether (DIPE)	49.4	1.00	"	50.0		98.7	65-135	0.487	20	
Bromochloromethane	46.9	1.00	"	50.0		93.7	70-130	2.72	20	
1,1,1-Trichloroethane	50.9	1.00	"	50.0		102	70-130	0.549	20	
Benzene	48.6	1.00	"	50.0		97.3	70-130	0.847	20	
Trichloroethene	45.8	1.00	"	50.0		91.5	70-130	0.218	20	
1,2-Dichloropropane	50.3	1.00	"	50.0		101	80-120	1.27	20	
4-Methyl-2-pentanone (MIBK)	115	20.0	"	100		115	50-160	0.700	30	
Toluene	49.4	1.00	"	50.0		98.9	80-120	1.41	20	
1,1,2-Trichloroethane	51.2	1.00	"	50.0		102	70-130	2.45	20	
Tetrachloroethene	49.6	1.00	"	50.0		99.2	70-130	0.0403	20	
Chlorobenzene	49.4	1.00	"	50.0		98.8	70-130	0.101	20	
Ethylbenzene	49.7	1.00	"	50.0		99.3	80-120	1.02	20	
1,1,1,2-Tetrachloroethane	48.4	1.00	"	50.0		96.8	70-130	0.539	20	
p,m-Xylene	99.6	2.00	"	100		99.5	70-130	0.761	20	
o-Xylene	49.8	1.00	"	50.0		99.5	70-130	0.521	20	
Total Xylenes	149	1.00	"	150		99.5	0-200	0.681	200	
n-Propyl Benzene	49.2	1.00	"	50.0		98.4	70-130	0.991	20	
tert-Butylbenzene	51.0	1.00	"	50.0		102	70-130	1.38	20	
1,4-Dichlorobenzene	48.2	1.00	"	50.0		96.3	70-130	2.99	20	
1,2-Dibromo-3-chloropropane (DBCP)	56.6	5.00	"	50.0		113	65-135	3.16	30	
1,2,3-Trichlorobenzene	44.2	5.00	"	50.0		88.4	70-140	3.16	20	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*			
Surrogate: Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-130*			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011046 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011046-BLK1)				Prepared & Analyzed: 03/13/20 1						
Arsenic	ND	0.0200	mg/L							
Barium	ND	0.250	"							
Cadmium	ND	0.0100	"							
Chromium	ND	0.0200	"							
Lead	ND	0.0100	"							
Selenium	ND	0.0500	"							
Silver	ND	0.0100	"							
LCS (2011046-BS1)				Prepared & Analyzed: 03/13/20 1						
Arsenic	0.457	0.0200	mg/L	0.500		91.3	80-120			
Barium	12.4	0.250	"	12.5		99.2	80-120			
Cadmium	0.236	0.0100	"	0.250		94.2	80-120			
Chromium	0.945	0.0200	"	1.00		94.5	80-120			
Lead	0.240	0.0100	"	0.250		96.2	80-120			
Selenium	1.18	0.0500	"	1.25		94.4	80-120			
Silver	0.0951	0.0100	"	0.100		95.1	80-120			
Matrix Spike (2011046-MS1)		**Source: P003041-03**		Prepared & Analyzed: 03/13/20 1						
Arsenic	0.456	0.0200	mg/L	0.500	ND	91.2	75-125			
Barium	12.6	0.250	"	12.5	ND	101	75-125			
Cadmium	0.234	0.0100	"	0.250	ND	93.5	75-125			
Chromium	0.908	0.0200	"	1.00	ND	90.8	75-125			
Lead	0.245	0.0100	"	0.250	ND	97.8	75-125			
Selenium	1.19	0.0500	"	1.25	ND	95.5	75-125			
Silver	0.0958	0.0100	"	0.100	ND	95.8	75-125			
Matrix Spike Dup (2011046-MSD1)		**Source: P003041-03**		Prepared & Analyzed: 03/13/20 1						
Arsenic	0.485	0.0200	mg/L	0.500	ND	97.1	75-125	6.29	20	
Barium	13.5	0.250	"	12.5	ND	108	75-125	7.19	20	
Cadmium	0.247	0.0100	"	0.250	ND	99.0	75-125	5.65	20	
Chromium	0.961	0.0200	"	1.00	ND	96.1	75-125	5.62	20	
Lead	0.261	0.0100	"	0.250	ND	104	75-125	6.41	20	
Selenium	1.27	0.0500	"	1.25	ND	102	75-125	6.33	20	
Silver	0.103	0.0100	"	0.100	ND	103	75-125	6.85	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011046 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011046-BLK1)				Prepared & Analyzed: 03/13/20 1						
Calcium	ND	1.00	mg/L							
Iron	ND	2.00	"							
Magnesium	ND	1.00	"							
Potassium	ND	1.00	"							
Sodium	ND	2.00	"							
LCS (2011046-BS1)				Prepared & Analyzed: 03/13/20 1						
Calcium	48.2	1.00	mg/L	50.0		96.4	80-120			
Iron	99.9	2.00	"	100		99.9	80-120			
Magnesium	48.3	1.00	"	50.0		96.5	80-120			
Potassium	4.66	1.00	"	5.00		93.2	80-120			
Sodium	16.8	2.00	"	20.0		83.9	80-120			
Matrix Spike (2011046-MS1)	**Source: P003041-03**			Prepared & Analyzed: 03/13/20 1						
Calcium	50.4	1.00	mg/L	50.0	3.71	93.4	75-125			
Iron	100	2.00	"	100	ND	100	75-125			
Magnesium	48.3	1.00	"	50.0	ND	96.6	75-125			
Potassium	5.43	1.00	"	5.00	ND	109	75-125			
Sodium	17.0	2.00	"	20.0	ND	85.2	75-125			
Matrix Spike Dup (2011046-MSD1)	**Source: P003041-03**			Prepared & Analyzed: 03/13/20 1						
Calcium	53.6	1.00	mg/L	50.0	3.71	99.8	75-125	6.15	20	
Iron	107	2.00	"	100	ND	107	75-125	6.38	20	
Magnesium	51.4	1.00	"	50.0	ND	103	75-125	6.28	20	
Potassium	5.66	1.00	"	5.00	ND	113	75-125	4.15	20	
Sodium	17.8	2.00	"	20.0	ND	88.8	75-125	4.20	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011050 - Anion Extraction EPA 300.0/9056A										
Blank (2011050-BLK1)				Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
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 (2011050-BS1)				Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
Fluoride	2.54	0.250	mg/L	2.50		102	90-110			
Chloride	25.0	2.00	"	25.0		99.9	90-110			
Nitrite-N	2.49	0.250	"	2.50		99.6	90-110			
Nitrate-N	2.61	0.250	"	2.50		104	90-110			
o-Phosphate-P	12.7	0.250	"	12.5		101	90-110			
Sulfate	25.3	2.00	"	25.0		101	90-110			
Matrix Spike (2011050-MS1)	**Source: P003077-01**			Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
Fluoride	2.62	1.25	mg/L	2.50	ND	105	80-120			
Chloride	36.8	10.0	"	25.0	13.1	94.7	80-120			
Nitrite-N	2.20	1.25	"	2.50	ND	87.8	80-120			
Nitrate-N	2.32	1.25	"	2.50	ND	92.8	80-120			
o-Phosphate-P	7.11	1.25	"	12.5	ND	56.9	80-120			M2
Sulfate	1150	10.0	"	25.0	1180	NR	80-120			M2
Matrix Spike Dup (2011050-MSD1)	**Source: P003077-01**			Prepared: 03/13/20 1 Analyzed: 03/14/20 0						
Fluoride	2.63	1.25	mg/L	2.50	ND	105	80-120	0.382	20	
Chloride	37.0	10.0	"	25.0	13.1	95.4	80-120	0.474	20	
Nitrite-N	2.22	1.25	"	2.50	ND	88.6	80-120	0.907	20	
Nitrate-N	2.34	1.25	"	2.50	ND	93.6	80-120	0.858	20	
o-Phosphate-P	6.09	1.25	"	12.5	ND	48.7	80-120	15.5	20	M2
Sulfate	1150	10.0	"	25.0	1180	NR	80-120	0.166	20	M2

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

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
Batch 2011052 - Mercury Water Digestion KMNO4										
Blank (2011052-BLK1)				Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	ND	0.200	ug/L							
LCS (2011052-BS1)				Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.04	0.200	ug/L	2.00		102	80-120			
Matrix Spike (2011052-MS1)		**Source: P003077-01**		Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.19	0.200	ug/L	2.00	ND	110	75-125			
Matrix Spike Dup (2011052-MSD1)		**Source: P003077-01**		Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.19	0.200	ug/L	2.00	ND	110	75-125	0.0782	20	

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 my differ slightly.

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/17/20 16:19

Notes and Definitions

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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise Products	**Report Attention**	Lab Use Only	**TAT**
Project: Lateral 2B 31 Spill	Report due by:	Lab WO# P003077	Job Number 97057-1097
Project Manager: F.Aragon	Email:		1D: X, 3D:
Address:	Address:		
City, State, Zip	City, State, Zip		
Phone:	Phone:		
Email: Gcrabtree Dcarter Faragon Tknight Bhall			

EPA Program: RCRA | CWA | SDW

State: NM: X | CO | UT | A

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	8270	Total RCRA 8 Metals	Chlorides	TDS	Cations	Anions					Remarks
						Analysis and Method											
10:12	3/13/2020	A	7	Upstream	1	X	X	X	X	X	X	X					
		A	1	Trip Blank	2	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:Damon Carter

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
Damon Carter	3/13/20	11:45	Raia Lopez	3/13/20	11:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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.

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National Center for Testing & Innovation

ANALYTICAL REPORT

March 17, 2020

EnviroTech- NM

Sample Delivery Group:	L1199210
Samples Received:	03/14/2020
Project Number:	97057-1097
Description:	Lateral 2B 31 Spill
Site:	P003077
Report To:	Jessica & Raina & Alanna
	5796 US. Highway 64
	Farmington, NM 87401

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.

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UPSTREAM L1199210-01 GW

			Collected by	Collected date/time	Received date/time
			D. Carter	03/12/20 10:20	03/14/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1444476	1	03/16/20 07:24	03/16/20 22:26	SHG	Mt. Juliet, TN

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

Jared Starkey
Project Manager

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	03/16/2020 22:26	WG1444476
Acenaphthylene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Anthracene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzidine	ND	J4	0.0100	1	03/16/2020 22:26	WG1444476
Benzo(a)anthracene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzo(b)fluoranthene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzo(k)fluoranthene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzo(g,h,i)perylene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzo(a)pyrene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/16/2020 22:26	WG1444476
Bis(2-chloroethyl)ether	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/16/2020 22:26	WG1444476
4-Bromophenyl-phenylether	ND		0.0100	1	03/16/2020 22:26	WG1444476
2-Chloronaphthalene	ND		0.00100	1	03/16/2020 22:26	WG1444476
4-Chlorophenyl-phenylether	ND		0.0100	1	03/16/2020 22:26	WG1444476
Chrysene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Dibenz(a,h)anthracene	ND		0.00100	1	03/16/2020 22:26	WG1444476
1,2-Dichlorobenzene	ND		0.0100	1	03/16/2020 22:26	WG1444476
1,3-Dichlorobenzene	ND		0.0100	1	03/16/2020 22:26	WG1444476
1,4-Dichlorobenzene	ND		0.0100	1	03/16/2020 22:26	WG1444476
3,3-Dichlorobenzidine	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,4-Dinitrotoluene	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,6-Dinitrotoluene	ND		0.0100	1	03/16/2020 22:26	WG1444476
Fluoranthene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Fluorene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Hexachlorobenzene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Hexachloro-1,3-butadiene	ND		0.0100	1	03/16/2020 22:26	WG1444476
Hexachlorocyclopentadiene	ND		0.0100	1	03/16/2020 22:26	WG1444476
Hexachloroethane	ND		0.0100	1	03/16/2020 22:26	WG1444476
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Isophorone	ND		0.0100	1	03/16/2020 22:26	WG1444476
Naphthalene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Nitrobenzene	ND		0.0100	1	03/16/2020 22:26	WG1444476
n-Nitrosodimethylamine	ND		0.0100	1	03/16/2020 22:26	WG1444476
n-Nitrosodiphenylamine	ND		0.0100	1	03/16/2020 22:26	WG1444476
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/16/2020 22:26	WG1444476
Phenanthrene	ND		0.00100	1	03/16/2020 22:26	WG1444476
Benzylbutyl phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Di-n-butyl phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Diethyl phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Dimethyl phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Di-n-octyl phthalate	ND		0.00300	1	03/16/2020 22:26	WG1444476
Pyrene	ND		0.00100	1	03/16/2020 22:26	WG1444476
1,2,4-Trichlorobenzene	ND		0.0100	1	03/16/2020 22:26	WG1444476
4-Chloro-3-methylphenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2-Chlorophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,4-Dichlorophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,4-Dimethylphenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,4-Dinitrophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2-Nitrophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
4-Nitrophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
Pentachlorophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
Phenol	ND		0.0100	1	03/16/2020 22:26	WG1444476
2,4,6-Trichlorophenol	ND		0.0100	1	03/16/2020 22:26	WG1444476

Collected date/time: 03/12/20 10:20

L1199210

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	*30.9*		*10.0-120*		*03/16/2020 22:26*	WG1444476
(S) Phenol-d5	*19.3*		*10.0-120*		*03/16/2020 22:26*	WG1444476
(S) Nitrobenzene-d5	*58.1*		*10.0-127*		*03/16/2020 22:26*	WG1444476
(S) 2-Fluorobiphenyl	*52.2*		*10.0-130*		*03/16/2020 22:26*	WG1444476
(S) 2,4,6-Tribromophenol	*69.5*		*10.0-155*		*03/16/2020 22:26*	WG1444476
(S) p-Terphenyl-d14	*70.8*		*10.0-128*		*03/16/2020 22:26*	WG1444476

Method Blank (MB)

(MB) R3509167-2 03/16/20 17:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300

Method Blank (MB)

(MB) R3509167-2 03/16/20 17:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*64.4*			*10.0-127*
(S) 2-Fluorobiphenyl	*68.3*			*10.0-130*
(S) p-Terphenyl-d14	*80.1*			*10.0-128*
(S) Phenol-d5	*21.9*			*10.0-120*
(S) 2-Fluorophenol	*37.4*			*10.0-120*
(S) 2,4,6-Tribromophenol	*80.0*			*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3509167-1 03/16/20 17:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0334	66.8	41.0-120	
Acenaphthylene	0.0500	0.0357	71.4	43.0-120	
Anthracene	0.0500	0.0349	69.8	45.0-120	
Benzidine	0.100	0.00662	6.62	10.0-120	J4
Benzo(a)anthracene	0.0500	0.0358	71.6	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0373	74.6	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0367	73.4	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0376	75.2	48.0-121	
Benzo(a)pyrene	0.0500	0.0392	78.4	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0309	61.8	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0326	65.2	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R3509167-1 03/16/20 17:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	0.0500	0.0340	68.0	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0392	78.4	45.0-120	
2-Chloronaphthalene	0.0500	0.0344	68.8	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0363	72.6	44.0-120	
Chrysene	0.0500	0.0354	70.8	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0400	80.0	47.0-120	
1,2-Dichlorobenzene	0.0500	0.0328	65.6	20.0-120	
1,3-Dichlorobenzene	0.0500	0.0322	64.4	17.0-120	
1,4-Dichlorobenzene	0.0500	0.0324	64.8	18.0-120	
3,3-Dichlorobenzidine	0.100	0.0739	73.9	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0362	72.4	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0360	72.0	46.0-120	
Fluoranthene	0.0500	0.0356	71.2	51.0-120	
Fluorene	0.0500	0.0357	71.4	47.0-120	
Hexachlorobenzene	0.0500	0.0414	82.8	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0317	63.4	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0287	57.4	15.0-120	
Hexachloroethane	0.0500	0.0321	64.2	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0330	66.0	49.0-122	
Isophorone	0.0500	0.0303	60.6	36.0-120	
Naphthalene	0.0500	0.0299	59.8	27.0-120	
Nitrobenzene	0.0500	0.0302	60.4	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0184	36.8	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0365	73.0	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0366	73.2	31.0-120	
Phenanthrene	0.0500	0.0343	68.6	46.0-120	
Benzylbutyl phthalate	0.0500	0.0363	72.6	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0318	63.6	43.0-122	
Di-n-butyl phthalate	0.0500	0.0362	72.4	49.0-121	
Diethyl phthalate	0.0500	0.0356	71.2	48.0-122	
Dimethyl phthalate	0.0500	0.0354	70.8	48.0-120	
Di-n-octyl phthalate	0.0500	0.0314	62.8	42.0-125	
Pyrene	0.0500	0.0369	73.8	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0304	60.8	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0309	61.8	40.0-120	
2-Chlorophenol	0.0500	0.0330	66.0	25.0-120	
2,4-Dichlorophenol	0.0500	0.0324	64.8	36.0-120	
2,4-Dimethylphenol	0.0500	0.0300	60.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0368	73.6	38.0-138	
2,4-Dinitrophenol	0.0500	0.0338	67.6	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R3509167-1 03/16/20 17:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.0500	0.0317	63.4	31.0-120	
4-Nitrophenol	0.0500	0.0120	24.0	10.0-120	
Pentachlorophenol	0.0500	0.0402	80.4	23.0-120	
Phenol	0.0500	0.0115	23.0	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0345	69.0	42.0-120	
(S) Nitrobenzene-d5			*54.6*	*10.0-127*	
(S) 2-Fluorobiphenyl			*67.2*	*10.0-130*	
(S) p-Terphenyl-d14			*72.9*	*10.0-128*	
(S) Phenol-d5			*21.2*	*10.0-120*	
(S) 2-Fluorophenol			*36.7*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*86.0*	*10.0-155*	

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
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

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

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

Our Locations

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

Envirotech Inc. **5796 US HWY 64** **Farmington, NM 87401**	Billing Information: **Envirotech Inc.** **5796 US HWY 64** **Farmington, NM 87401**	Pres Chk
Report to: **Raina, Irene, Jessica & Alanna**	Email To: **rlopez, iyazzie, achee, labadmin@envirotech-inc.com**	
Project Description: **Lateral 2B 31 Spill**	City/State Collected: **NM**	
Phone: **505-632-1881** Fax:	Client Project # **97057-1097**	Lab Project #
Collected by (print): **D. Carter**	Site/Facility ID # **P003077**	P.O. # **145794**
Collected by (signature): Immediately Packed on Ice N ___ Y _X_	*Rush?* (Lab MUST Be Notified) _X_ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed **ASAP**

Analysis / Container / Preservative: 8270 SVOC Full List/ 125ml Amer/ NONE

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 SVOC Full List/ 125ml Amer/ NONE	Remarks	Sample # (lab only)
Upstream		**GW**		**3/12/20**	**10:20**	**2**	X		-01

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

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

L# 1199210
J083
Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

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

Remarks:
Please Complete enclosed ScSRC and return to rlopez@envirotech-inc.com

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier __ ______

Tracking # 4510 1652 8800

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

Relinquished by : (Signature) Raina Lopez	Date: 3/13/20	Time: 13:00	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C 0.4=Seal Bottles Received: 2
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) W Taylor	Date: 3/14/20 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

L1199210

Envirotech, Inc.

Phone: (505) 632-1881 Fax: (505) 632-1865

Subcontract Sample Receipt Checklist (ScSRC)

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalities/nonconformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: P003077 Date shipped 3/13/20

Envirotech SCO Initials: RL Shipping Carrier: FedEx

Subcontract Lab Name: Pace Analytical State of origin: (NM) CO / UT / TX / AZ /Other

Envirotech email: labadmin@envirotech-inc.com

				Comments/Resolution
State Certification Information				
Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	Yes ☐	☐ No	☐ NA	
Note: There are no RCRA/CWA state certification programs for the states of NM / CO				
Does the laboratory hold the certification for the requested method(s) of analysis?	Yes ☐	☐ No	☐ NA	
Chain of Custody (COC) Information				
Does the sample ID match the COC?	Yes ☐	☐ No		
Does the number of samples per sampling site location match the COC?	Yes ☐	☐ No		
Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes ☐	☐ No		
Were samples received within the method specified holding time or is there sufficient holding time left to conduct analysis as standard TAT?	Yes ☐	☐ No		
Sample Turn Around Time (TAT) Information				
Did the COC indicate standard TAT, or expidited TAT? Standard 6-day TAT ☐; 24-hr rush ☐; 48-hr rush ☐; 72-hr rush ☐; other rush ☐ _____	Yes ☐	☐ No		
Sample Cooler Information				
Was the sample cooler received in good condition?	Yes ☐	☐ No		
Was the sample(s) received in tact, i.e., not broken?	Yes ☐	☐ No		
Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	Yes ☐	☐ No		
If no visible ice, record the temperature. Actual sample temperature.		Temperature:		
Sample Container Information				
Is the appropriate volume/weight or number of sample containers collected:	Yes ☐	☐ No		
Sample Preservation Information				
Does the COC or field labels indicate the samples were correctly preserved?	Yes ☐	☐ No	☐ NA	
Multiphase Sample Matrix Information				
Does the sample have more than one phase, i.e., multiphase?	Yes ☐	☐ No		
If so, does the COC specify which phase(s) is to be analyzed?	Yes ☐	☐ No		

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

Signature of subcontract laboratory sample custodian

Date Received:

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-1881 Fx (505) 632-1865
24 Hour Emergency Response (800) 362-1879
envirotech-inc.com
labadmin@envirotech-inc.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/13/2020
Job Number: 97057-1097
Work Order: P003082
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Date: 3/18/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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.

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
West Of Terminal (S2)	P003082-01A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-01B	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-01C	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Terminal (S2)	P003082-02A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-02B	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-02C	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
West Of Source (S2)	P003082-03A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-03B	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-03C	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Source (S2)	P003082-04A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-04B	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-04C	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Downgradiant 1	P003082-05A	Aqueous	03/13/20	03/13/20	Poly 500mL
	P003082-05B	Aqueous	03/13/20	03/13/20	Poly 250mL; HNO3
	P003082-05C	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003082-05D	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003082-05E	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-05F	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-05G	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Downgradiant 2	P003082-06A	Aqueous	03/13/20	03/13/20	Poly 500mL
	P003082-06B	Aqueous	03/13/20	03/13/20	Poly 250mL; HNO3
	P003082-06C	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003082-06D	Aqueous	03/13/20	03/13/20	Amber Glass, 125mL
	P003082-06E	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-06F	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
	P003082-06G	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL; HCl
Trip Blank	P003082-07A	Aqueous	03/13/20	03/13/20	VOA Vial, 40mL

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

West Of Terminal (S2)
P003082-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**10.5**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**54.2**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

West Of Terminal (S2)

P003082-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	**4.54**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**44.6**	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**7.98**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**52.5**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.73**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	**2.91**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*		*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*101 %*	*70-130*		*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*		*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Terminal (S2)
P003082-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	20.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**2.94**	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**8.72**	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Tetrachloroethene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Terminal (S2)

P003082-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**12.6**	4.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**2.28**	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**14.9**	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*83.3 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*87.2 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

West Of Source (S2)

P003082-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**37.8**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	**2.62**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**189**	10.0	ug/L	10	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

West Of Source (S2)
P003082-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	**15.8**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**148**	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**26.7**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**175**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	**1.73**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	**2.06**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	**6.36**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	**10.5**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*103 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*116 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Source (S2)

P003082-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**96.9**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	**9.18**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**400**	10.0	ug/L	10	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Source (S2)

P003082-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	**42.5**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**301**	20.0	ug/L	10	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**71.0**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**372**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	**5.18**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	**5.99**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	**19.0**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	**4.09**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	**29.5**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	**1.04**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	**1.13**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*110 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*114 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 1
P003082-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2110**	10.0	mg/L	1	2011055	03/14/20	03/17/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**3.33**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**6.44**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 1
P003082-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	**1.11**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**13.3**	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**2.68**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**16.0**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 1
P003082-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*79.9 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*94.4 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**267**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Magnesium	**27.9**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Potassium	**4.70**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Sodium	**481**	10.0	mg/L	5	2011046	03/13/20	03/13/20	EPA 6010C	
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	
Chloride	**10.9**	10.0	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 15:54	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 15:54	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 15:54	EPA 300.0/9056A	
Sulfate	**1130**	10.0	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 1

P003082-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	ND	0.200	ug/L	1	2011052	03/14/20	03/16/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 2
P003082-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Wet Chem/Gravimetric									
Total Dissolved Solids	**2140**	10.0	mg/L	1	2011055	03/14/20	03/17/20	SM2540C	
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	**3.54**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	**7.12**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 2
P003082-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	**1.69**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	**23.2**	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	**4.16**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	**27.4**	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 2
P003082-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Surrogate: Toluene-d8		*102 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.8 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Total Metals by 6010									
Arsenic	ND	0.0200	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Barium	ND	0.250	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Cadmium	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Chromium	ND	0.0200	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Lead	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Selenium	ND	0.0500	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Silver	ND	0.0100	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Dissolved Metals by 6010									
Calcium	**278**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Iron	ND	2.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Magnesium	**28.6**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Potassium	**4.61**	1.00	mg/L	1	2011046	03/13/20	03/13/20	EPA 6010C	
Sodium	**408**	10.0	mg/L	5	2011046	03/13/20	03/13/20	EPA 6010C	
Anions by 300.0/9056A									
Fluoride	ND	1.25	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	
Chloride	**10.9**	10.0	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	
Nitrite-N	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 16:18	EPA 300.0/9056A	
Nitrate-N	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 16:18	EPA 300.0/9056A	
o-Phosphate-P	ND	1.25	mg/L	5	2011050	03/14/20 13:14	03/14/20 16:18	EPA 300.0/9056A	
Sulfate	**1160**	10.0	mg/L	5	2011050	03/14/20	03/14/20	EPA 300.0/9056A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Downgradiant 2

P003082-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Mercury by EPA 7470A									
Mercury	ND	0.200	ug/L	1	2011052	03/14/20	03/16/20	EPA 7470A	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Trip Blank

P003082-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Trip Blank
P003082-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012002	03/16/20	03/16/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.0 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*95.8 %*		*70-130*	*2012002*	*03/16/20*	*03/16/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Wet Chem/Gravimetric - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011055 - Wet Chemistry Preparation										
Blank (2011055-BLK1)				Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	ND	10.0	mg/L							
LCS (2011055-BS1)				Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	107	10.0	mg/L	100		107	55-134			
Duplicate (2011055-DUP1)		**Source: P003077-01**		Prepared: 03/14/20 2 Analyzed: 03/17/20 1						
Total Dissolved Solids	2160	10.0	mg/L		2060			4.74	5	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2012002 - Purge and Trap EPA 5030A										
Blank (2012002-BLK1)				Prepared & Analyzed: 03/16/20 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	"							

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2012002 - Purge and Trap EPA 5030A										
Blank (2012002-BLK1)				Prepared & Analyzed: 03/16/20 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	*9.66*		"	*10.0*		*96.6*	*70-130*			
Surrogate: Toluene-d8	*11.4*		"	*10.0*		*114*	*70-130*			
Surrogate: Bromofluorobenzene	*9.65*		"	*10.0*		*96.5*	*70-130*			
LCS (2012002-BS1)				Prepared & Analyzed: 03/16/20 1						
Vinyl chloride	47.3	1.00	ug/L	50.0		94.5	80-120			
1,1-Dichloroethene	46.2	1.00	"	50.0		92.4	80-120			
Methylene Chloride	46.3	5.00	"	50.0		92.7	70-130			
Methyl tert-Butyl Ether (MTBE)	45.8	1.00	"	50.0		91.5	70-130			
Diisopropyl Ether (DIPE)	44.2	1.00	"	50.0		88.4	65-135			
Bromochloromethane	41.7	1.00	"	50.0		83.4	70-130			
1,1,1-Trichloroethane	45.9	1.00	"	50.0		91.8	70-130			
Benzene	43.3	1.00	"	50.0		86.5	70-130			
Trichloroethene	38.3	1.00	"	50.0		76.7	70-130			
1,2-Dichloropropane	42.9	1.00	"	50.0		85.9	80-120			
4-Methyl-2-pentanone (MIBK)	83.0	20.0	"	100		83.0	50-160			
Toluene	41.5	1.00	"	50.0		82.9	80-120			
1,1,2-Trichloroethane	41.2	1.00	"	50.0		82.4	70-130			
Tetrachloroethene	42.4	1.00	"	50.0		84.8	70-130			
Chlorobenzene	42.6	1.00	"	50.0		85.2	70-130			
Ethylbenzene	42.5	1.00	"	50.0		85.0	80-120			
1,1,1,2-Tetrachloroethane	42.0	1.00	"	50.0		84.0	70-130			
p,m-Xylene	83.5	2.00	"	100		83.5	70-130			
o-Xylene	41.2	1.00	"	50.0		82.3	70-130			
Total Xylenes	125	1.00	"	150		83.1	0-200			
n-Propyl Benzene	42.3	1.00	"	50.0		84.7	70-130			
tert-Butylbenzene	40.4	1.00	"	50.0		80.9	70-130			
1,4-Dichlorobenzene	42.1	1.00	"	50.0		84.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	42.8	5.00	"	50.0		85.5	65-135			
1,2,3-Trichlorobenzene	38.8	5.00	"	50.0		77.7	70-140			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2012002 - Purge and Trap EPA 5030A										
LCS (2012002-BS1)				Prepared & Analyzed: 03/16/20 1						
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*ug/L*	*10.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*70-130*			
Surrogate: Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*70-130*			
LCS Dup (2012002-BSD1)				Prepared & Analyzed: 03/16/20 1						
Vinyl chloride	42.7	1.00	ug/L	50.0		85.4	80-120	10.1	30	
1,1-Dichloroethene	42.3	1.00	"	50.0		84.7	80-120	8.70	20	
Methylene Chloride	42.6	5.00	"	50.0		85.2	70-130	8.39	20	
Methyl tert-Butyl Ether (MTBE)	42.0	1.00	"	50.0		84.0	70-130	8.57	20	
Diisopropyl Ether (DIPE)	41.0	1.00	"	50.0		82.0	65-135	7.49	20	
Bromochloromethane	38.5	1.00	"	50.0		76.9	70-130	8.04	20	
1,1,1-Trichloroethane	42.5	1.00	"	50.0		85.0	70-130	7.76	20	
Benzene	39.7	1.00	"	50.0		79.4	70-130	8.53	20	
Trichloroethene	36.4	1.00	"	50.0		72.7	70-130	5.27	20	
1,2-Dichloropropane	39.9	1.00	"	50.0		79.7	80-120	7.41	20	L4
4-Methyl-2-pentanone (MIBK)	78.7	20.0	"	100		78.7	50-160	5.36	30	
Toluene	39.0	1.00	"	50.0		78.0	80-120	6.09	20	L4
1,1,2-Trichloroethane	38.6	1.00	"	50.0		77.1	70-130	6.64	20	
Tetrachloroethene	40.0	1.00	"	50.0		80.1	70-130	5.70	20	
Chlorobenzene	40.1	1.00	"	50.0		80.2	70-130	6.09	20	
Ethylbenzene	40.0	1.00	"	50.0		79.9	80-120	6.14	20	L4
1,1,1,2-Tetrachloroethane	39.7	1.00	"	50.0		79.3	70-130	5.68	20	
p,m-Xylene	78.3	2.00	"	100		78.3	70-130	6.38	20	
o-Xylene	38.7	1.00	"	50.0		77.4	70-130	6.24	20	
Total Xylenes	117	1.00	"	150		78.0	0-200	6.33	200	
n-Propyl Benzene	39.7	1.00	"	50.0		79.5	70-130	6.31	20	
tert-Butylbenzene	42.2	1.00	"	50.0		84.4	70-130	4.24	20	
1,4-Dichlorobenzene	40.1	1.00	"	50.0		80.2	70-130	4.84	20	
1,2-Dibromo-3-chloropropane (DBCP)	38.9	5.00	"	50.0		77.8	65-135	9.40	30	
1,2,3-Trichlorobenzene	41.6	5.00	"	50.0		83.2	70-140	6.84	20	
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*70-130*			
Surrogate: Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*70-130*			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Total Metals by 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011046 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011046-BLK1)				Prepared & Analyzed: 03/13/20 1						
Arsenic	ND	0.0200	mg/L							
Barium	ND	0.250	"							
Cadmium	ND	0.0100	"							
Chromium	ND	0.0200	"							
Lead	ND	0.0100	"							
Selenium	ND	0.0500	"							
Silver	ND	0.0100	"							
LCS (2011046-BS1)				Prepared & Analyzed: 03/13/20 1						
Arsenic	0.457	0.0200	mg/L	0.500		91.3	80-120			
Barium	12.4	0.250	"	12.5		99.2	80-120			
Cadmium	0.236	0.0100	"	0.250		94.2	80-120			
Chromium	0.945	0.0200	"	1.00		94.5	80-120			
Lead	0.240	0.0100	"	0.250		96.2	80-120			
Selenium	1.18	0.0500	"	1.25		94.4	80-120			
Silver	0.0951	0.0100	"	0.100		95.1	80-120			
Matrix Spike (2011046-MS1)		**Source: P003041-03**		Prepared & Analyzed: 03/13/20 1						
Arsenic	0.456	0.0200	mg/L	0.500	ND	91.2	75-125			
Barium	12.6	0.250	"	12.5	ND	101	75-125			
Cadmium	0.234	0.0100	"	0.250	ND	93.5	75-125			
Chromium	0.908	0.0200	"	1.00	ND	90.8	75-125			
Lead	0.245	0.0100	"	0.250	ND	97.8	75-125			
Selenium	1.19	0.0500	"	1.25	ND	95.5	75-125			
Silver	0.0958	0.0100	"	0.100	ND	95.8	75-125			
Matrix Spike Dup (2011046-MSD1)		**Source: P003041-03**		Prepared & Analyzed: 03/13/20 1						
Arsenic	0.485	0.0200	mg/L	0.500	ND	97.1	75-125	6.29	20	
Barium	13.5	0.250	"	12.5	ND	108	75-125	7.19	20	
Cadmium	0.247	0.0100	"	0.250	ND	99.0	75-125	5.65	20	
Chromium	0.961	0.0200	"	1.00	ND	96.1	75-125	5.62	20	
Lead	0.261	0.0100	"	0.250	ND	104	75-125	6.41	20	
Selenium	1.27	0.0500	"	1.25	ND	102	75-125	6.33	20	
Silver	0.103	0.0100	"	0.100	ND	103	75-125	6.85	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2011046 - Metals Water Hotblock Digestion EPA 3010A/200.2										
Blank (2011046-BLK1)				Prepared & Analyzed: 03/13/20 1						
Calcium	ND	1.00	mg/L							
Iron	ND	2.00	"							
Magnesium	ND	1.00	"							
Potassium	ND	1.00	"							
Sodium	ND	2.00	"							
LCS (2011046-BS1)				Prepared & Analyzed: 03/13/20 1						
Calcium	48.2	1.00	mg/L	50.0		96.4	80-120			
Iron	99.9	2.00	"	100		99.9	80-120			
Magnesium	48.3	1.00	"	50.0		96.5	80-120			
Potassium	4.66	1.00	"	5.00		93.2	80-120			
Sodium	16.8	2.00	"	20.0		83.9	80-120			
Matrix Spike (2011046-MS1)	**Source: P003041-03**			Prepared & Analyzed: 03/13/20 1						
Calcium	50.4	1.00	mg/L	50.0	3.71	93.4	75-125			
Iron	100	2.00	"	100	ND	100	75-125			
Magnesium	48.3	1.00	"	50.0	ND	96.6	75-125			
Potassium	5.43	1.00	"	5.00	ND	109	75-125			
Sodium	17.0	2.00	"	20.0	ND	85.2	75-125			
Matrix Spike Dup (2011046-MSD1)	**Source: P003041-03**			Prepared & Analyzed: 03/13/20 1						
Calcium	53.6	1.00	mg/L	50.0	3.71	99.8	75-125	6.15	20	
Iron	107	2.00	"	100	ND	107	75-125	6.38	20	
Magnesium	51.4	1.00	"	50.0	ND	103	75-125	6.28	20	
Potassium	5.66	1.00	"	5.00	ND	113	75-125	4.15	20	
Sodium	17.8	2.00	"	20.0	ND	88.8	75-125	4.20	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2011050 - Anion Extraction EPA 300.0/9056A										
Blank (2011050-BLK1)				Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
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 (2011050-BS1)				Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
Fluoride	2.54	0.250	mg/L	2.50		102	90-110			
Chloride	25.0	2.00	"	25.0		99.9	90-110			
Nitrite-N	2.49	0.250	"	2.50		99.6	90-110			
Nitrate-N	2.61	0.250	"	2.50		104	90-110			
o-Phosphate-P	12.7	0.250	"	12.5		101	90-110			
Sulfate	25.3	2.00	"	25.0		101	90-110			
Matrix Spike (2011050-MS1)	**Source: P003077-01**			Prepared: 03/13/20 1 Analyzed: 03/13/20 2						
Fluoride	2.62	1.25	mg/L	2.50	ND	105	80-120			
Chloride	36.8	10.0	"	25.0	13.1	94.7	80-120			
Nitrite-N	2.20	1.25	"	2.50	ND	87.8	80-120			
Nitrate-N	2.32	1.25	"	2.50	ND	92.8	80-120			
o-Phosphate-P	7.11	1.25	"	12.5	ND	56.9	80-120			M2
Sulfate	1150	10.0	"	25.0	1180	NR	80-120			M2
Matrix Spike Dup (2011050-MSD1)	**Source: P003077-01**			Prepared: 03/13/20 1 Analyzed: 03/14/20 0						
Fluoride	2.63	1.25	mg/L	2.50	ND	105	80-120	0.382	20	
Chloride	37.0	10.0	"	25.0	13.1	95.4	80-120	0.474	20	
Nitrite-N	2.22	1.25	"	2.50	ND	88.6	80-120	0.907	20	
Nitrate-N	2.34	1.25	"	2.50	ND	93.6	80-120	0.858	20	
o-Phosphate-P	6.09	1.25	"	12.5	ND	48.7	80-120	15.5	20	M2
Sulfate	1150	10.0	"	25.0	1180	NR	80-120	0.166	20	M2

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

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
Batch 2011052 - Mercury Water Digestion KMNO4										
Blank (2011052-BLK1)				Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	ND	0.200	ug/L							
LCS (2011052-BS1)				Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.04	0.200	ug/L	2.00		102	80-120			
Matrix Spike (2011052-MS1)		**Source: P003077-01**		Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.19	0.200	ug/L	2.00	ND	110	75-125			
Matrix Spike Dup (2011052-MSD1)		**Source: P003077-01**		Prepared: 03/14/20 1 Analyzed: 03/16/20 0						
Mercury	2.19	0.200	ug/L	2.00	ND	110	75-125	0.0782	20	

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/18/20 09:50

Notes and Definitions

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
L4	The LCS spike recovery was below acceptance limits.
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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise	**Report Attention**
Project: Lateral 2B 31 Spill	Report due by:
Project Manager: F.Aragon	Email:
Address:	Address:
City, State, Zip	City, State, Zip
Phone:	Phone:
Email: Gcrabtree Dcarter Faragon Tknight Bhall	

Lab Use Only

Lab WO#	Job Number
P003082	97057-1097

TAT

1D	3D
X	

EPA Program

RCRA	CWA	SDW

State

NM	CO	UT	
X			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	8270	Total RCRA 8 Metals	TDS	Cations	Anions					Remarks
15:11	3/13/2020	A	3	West of Terminal (S2)	1	X										
~~15:08 14:54 DC~~		A	3	Terminal (S2)	2	X										
15:03		A	3	West of Source (S2)	3	X										
14:58		A	3	Source (S2)	4	X										
15:30		A	7	Downgradiant 1	5	X	X	X	X	X	X					
15:44		A	7	Downgradiant 2	6	X	X	X	X	X	X					
		A	1	Trip blank	7											

Analysis and Method

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:Damon Carter

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
Damon Carter	3/13/20	16:45	Raia Lopez	3/13/20	16:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

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.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Ft (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

National Center for Testing & Innovation

ANALYTICAL REPORT

March 18, 2020

EnviroTech- NM

Sample Delivery Group:	L1199628
Samples Received:	03/17/2020
Project Number:	97057-1097
Description:	Lateral 2B 31 Spill
Site:	P003082
Report To:	Irene Yazzie 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By:

Jared Starkey
Project Manager

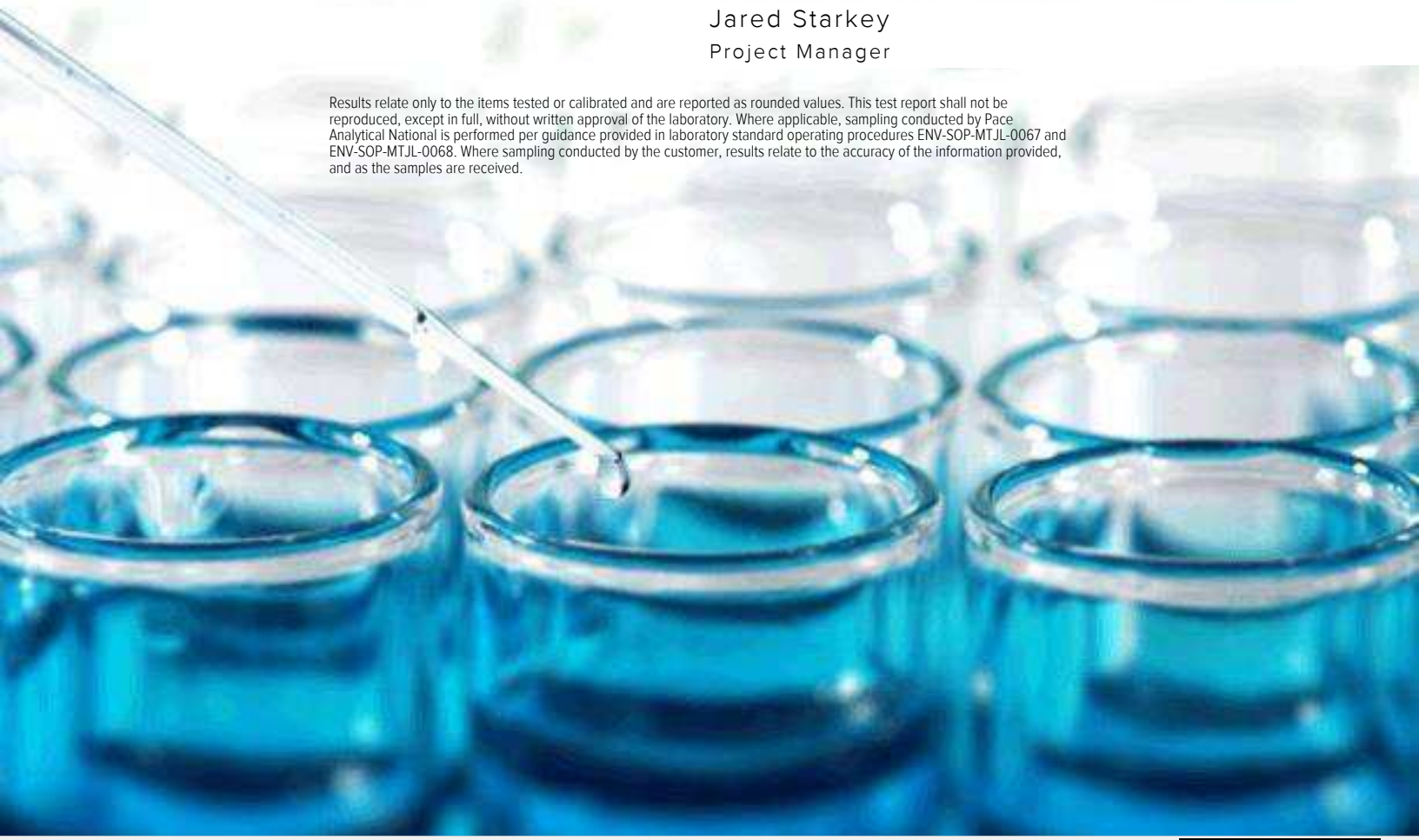

TABLE OF CONTENTS

DOWNGRADIENT 1 L1199628-01 GW

Collected by: D. Carter
Collected date/time: 03/13/20 15:30
Received date/time: 03/17/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1445571	1	03/17/20 19:10	03/18/20 06:33	JNJ	Mt. Juliet, TN

DOWNGRADIENT 2 L1199628-02 GW

Collected by: D. Carter
Collected date/time: 03/13/20 15:44
Received date/time: 03/17/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1445571	1	03/17/20 19:10	03/18/20 06:55	JNJ	Mt. Juliet, TN

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

Jared Starkey
Project Manager

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	03/18/2020 06:33	WG1445571
Acenaphthylene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Anthracene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzidine	ND		0.0100	1	03/18/2020 06:33	WG1445571
Benzo(a)anthracene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzo(b)fluoranthene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzo(k)fluoranthene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzo(g,h,i)perylene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzo(a)pyrene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/18/2020 06:33	WG1445571
Bis(2-chloroethyl)ether	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/18/2020 06:33	WG1445571
4-Bromophenyl-phenylether	ND		0.0100	1	03/18/2020 06:33	WG1445571
2-Chloronaphthalene	ND		0.00100	1	03/18/2020 06:33	WG1445571
4-Chlorophenyl-phenylether	ND		0.0100	1	03/18/2020 06:33	WG1445571
Chrysene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Dibenz(a,h)anthracene	ND		0.00100	1	03/18/2020 06:33	WG1445571
1,2-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:33	WG1445571
1,3-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:33	WG1445571
1,4-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:33	WG1445571
3,3-Dichlorobenzidine	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,4-Dinitrotoluene	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,6-Dinitrotoluene	ND		0.0100	1	03/18/2020 06:33	WG1445571
Fluoranthene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Fluorene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Hexachlorobenzene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Hexachloro-1,3-butadiene	ND		0.0100	1	03/18/2020 06:33	WG1445571
Hexachlorocyclopentadiene	ND		0.0100	1	03/18/2020 06:33	WG1445571
Hexachloroethane	ND		0.0100	1	03/18/2020 06:33	WG1445571
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Isophorone	ND		0.0100	1	03/18/2020 06:33	WG1445571
Naphthalene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Nitrobenzene	ND		0.0100	1	03/18/2020 06:33	WG1445571
n-Nitrosodimethylamine	ND		0.0100	1	03/18/2020 06:33	WG1445571
n-Nitrosodiphenylamine	ND		0.0100	1	03/18/2020 06:33	WG1445571
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/18/2020 06:33	WG1445571
Phenanthrene	ND		0.00100	1	03/18/2020 06:33	WG1445571
Benzylbutyl phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Di-n-butyl phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Diethyl phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Dimethyl phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Di-n-octyl phthalate	ND		0.00300	1	03/18/2020 06:33	WG1445571
Pyrene	ND		0.00100	1	03/18/2020 06:33	WG1445571
1,2,4-Trichlorobenzene	ND		0.0100	1	03/18/2020 06:33	WG1445571
4-Chloro-3-methylphenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2-Chlorophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,4-Dichlorophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,4-Dimethylphenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,4-Dinitrophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2-Nitrophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
4-Nitrophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
Pentachlorophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
Phenol	ND		0.0100	1	03/18/2020 06:33	WG1445571
2,4,6-Trichlorophenol	ND		0.0100	1	03/18/2020 06:33	WG1445571

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

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	*60.5*		*10.0-120*		*03/18/2020 06:33*	WG1445571
(S) Phenol-d5	*40.9*		*10.0-120*		*03/18/2020 06:33*	WG1445571
(S) Nitrobenzene-d5	*71.5*		*10.0-127*		*03/18/2020 06:33*	WG1445571
(S) 2-Fluorobiphenyl	*82.2*		*10.0-130*		*03/18/2020 06:33*	WG1445571
(S) 2,4,6-Tribromophenol	*80.5*		*10.0-155*		*03/18/2020 06:33*	WG1445571
(S) p-Terphenyl-d14	*94.7*		*10.0-128*		*03/18/2020 06:33*	WG1445571

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	03/18/2020 06:55	WG1445571
Acenaphthylene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Anthracene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzidine	ND		0.0100	1	03/18/2020 06:55	WG1445571
Benzo(a)anthracene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzo(b)fluoranthene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzo(k)fluoranthene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzo(g,h,i)perylene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzo(a)pyrene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Bis(2-chlorethoxy)methane	ND		0.0100	1	03/18/2020 06:55	WG1445571
Bis(2-chloroethyl)ether	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	03/18/2020 06:55	WG1445571
4-Bromophenyl-phenylether	ND		0.0100	1	03/18/2020 06:55	WG1445571
2-Chloronaphthalene	ND		0.00100	1	03/18/2020 06:55	WG1445571
4-Chlorophenyl-phenylether	ND		0.0100	1	03/18/2020 06:55	WG1445571
Chrysene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Dibenz(a,h)anthracene	ND		0.00100	1	03/18/2020 06:55	WG1445571
1,2-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:55	WG1445571
1,3-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:55	WG1445571
1,4-Dichlorobenzene	ND		0.0100	1	03/18/2020 06:55	WG1445571
3,3-Dichlorobenzidine	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,4-Dinitrotoluene	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,6-Dinitrotoluene	ND		0.0100	1	03/18/2020 06:55	WG1445571
Fluoranthene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Fluorene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Hexachlorobenzene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Hexachloro-1,3-butadiene	ND		0.0100	1	03/18/2020 06:55	WG1445571
Hexachlorocyclopentadiene	ND		0.0100	1	03/18/2020 06:55	WG1445571
Hexachloroethane	ND		0.0100	1	03/18/2020 06:55	WG1445571
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Isophorone	ND		0.0100	1	03/18/2020 06:55	WG1445571
Naphthalene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Nitrobenzene	ND		0.0100	1	03/18/2020 06:55	WG1445571
n-Nitrosodimethylamine	ND		0.0100	1	03/18/2020 06:55	WG1445571
n-Nitrosodiphenylamine	ND		0.0100	1	03/18/2020 06:55	WG1445571
n-Nitrosodi-n-propylamine	ND		0.0100	1	03/18/2020 06:55	WG1445571
Phenanthrene	ND		0.00100	1	03/18/2020 06:55	WG1445571
Benzylbutyl phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Di-n-butyl phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Diethyl phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Dimethyl phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Di-n-octyl phthalate	ND		0.00300	1	03/18/2020 06:55	WG1445571
Pyrene	ND		0.00100	1	03/18/2020 06:55	WG1445571
1,2,4-Trichlorobenzene	ND		0.0100	1	03/18/2020 06:55	WG1445571
4-Chloro-3-methylphenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2-Chlorophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,4-Dichlorophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,4-Dimethylphenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
4,6-Dinitro-2-methylphenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,4-Dinitrophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2-Nitrophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
4-Nitrophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
Pentachlorophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
Phenol	ND		0.0100	1	03/18/2020 06:55	WG1445571
2,4,6-Trichlorophenol	ND		0.0100	1	03/18/2020 06:55	WG1445571

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

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	*51.0*		*10.0-120*		*03/18/2020 06:55*	WG1445571
(S) Phenol-d5	*32.3*		*10.0-120*		*03/18/2020 06:55*	WG1445571
(S) Nitrobenzene-d5	*65.5*		*10.0-127*		*03/18/2020 06:55*	WG1445571
(S) 2-Fluorobiphenyl	*78.9*		*10.0-130*		*03/18/2020 06:55*	WG1445571
(S) 2,4,6-Tribromophenol	*72.0*		*10.0-155*		*03/18/2020 06:55*	WG1445571
(S) p-Terphenyl-d14	*89.0*		*10.0-128*		*03/18/2020 06:55*	WG1445571

Method Blank (MB)

(MB) R3509671-2 03/18/20 02:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000316	0.00100
Acenaphthylene	U		0.000309	0.00100
Anthracene	U		0.000291	0.00100
Benzidine	U		0.00432	0.0100
Benzo(a)anthracene	U		0.0000975	0.00100
Benzo(b)fluoranthene	U		0.0000896	0.00100
Benzo(k)fluoranthene	U		0.000355	0.00100
Benzo(g,h,i)perylene	U		0.000161	0.00100
Benzo(a)pyrene	U		0.000340	0.00100
Bis(2-chlorethoxy)methane	U		0.000329	0.0100
Bis(2-chloroethyl)ether	U		0.00162	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000445	0.0100
4-Bromophenyl-phenylether	U		0.000335	0.0100
2-Chloronaphthalene	U		0.000330	0.00100
4-Chlorophenyl-phenylether	U		0.000303	0.0100
Chrysene	U		0.000332	0.00100
Dibenz(a,h)anthracene	U		0.000279	0.00100
1,2-Dichlorobenzene	U		0.00329	0.0100
1,3-Dichlorobenzene	U		0.00383	0.0100
1,4-Dichlorobenzene	U		0.00401	0.0100
3,3-Dichlorobenzidine	U		0.00202	0.0100
2,4-Dinitrotoluene	U		0.00165	0.0100
2,6-Dinitrotoluene	U		0.000279	0.0100
Fluoranthene	U		0.000310	0.00100
Fluorene	U		0.000323	0.00100
Hexachlorobenzene	U		0.000341	0.00100
Hexachloro-1,3-butadiene	U		0.000329	0.0100
Hexachlorocyclopentadiene	U		0.00233	0.0100
Hexachloroethane	U		0.000365	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000272	0.0100
Naphthalene	U		0.000372	0.00100
Nitrobenzene	U		0.000367	0.0100
n-Nitrosodimethylamine	U		0.00126	0.0100
n-Nitrosodiphenylamine	U		0.00119	0.0100
n-Nitrosodi-n-propylamine	U		0.000403	0.0100
Phenanthrene	U		0.000366	0.00100
Benzylbutyl phthalate	U		0.000275	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000709	0.00300
Di-n-butyl phthalate	U		0.000266	0.00300

Method Blank (MB)

(MB) R3509671-2 03/18/20 02:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000282	0.00300
Dimethyl phthalate	U		0.000283	0.00300
Di-n-octyl phthalate	U		0.000278	0.00300
Pyrene	U		0.000330	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.0100
4-Chloro-3-methylphenol	U		0.000263	0.0100
2-Chlorophenol	U		0.000283	0.0100
2,4-Dichlorophenol	U		0.000284	0.0100
2,4-Dimethylphenol	U		0.000624	0.0100
4,6-Dinitro-2-methylphenol	U		0.00262	0.0100
2,4-Dinitrophenol	U		0.00325	0.0100
2-Nitrophenol	U		0.000320	0.0100
4-Nitrophenol	U		0.00201	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.000334	0.0100
2,4,6-Trichlorophenol	U		0.000297	0.0100
(S) Nitrobenzene-d5	*64.0*			*10.0-127*
(S) 2-Fluorobiphenyl	*81.8*			*10.0-130*
(S) p-Terphenyl-d14	*88.2*			*10.0-128*
(S) Phenol-d5	*29.8*			*10.0-120*
(S) 2-Fluorophenol	*50.5*			*10.0-120*
(S) 2,4,6-Tribromophenol	*72.5*			*10.0-155*

Laboratory Control Sample (LCS)

(LCS) R3509671-1 03/18/20 01:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0500	0.0414	82.8	41.0-120	
Acenaphthylene	0.0500	0.0465	93.0	43.0-120	
Anthracene	0.0500	0.0458	91.6	45.0-120	
Benzidine	0.100	0.0229	22.9	10.0-120	
Benzo(a)anthracene	0.0500	0.0479	95.8	47.0-120	
Benzo(b)fluoranthene	0.0500	0.0501	100	46.0-120	
Benzo(k)fluoranthene	0.0500	0.0508	102	46.0-120	
Benzo(g,h,i)perylene	0.0500	0.0451	90.2	48.0-121	
Benzo(a)pyrene	0.0500	0.0517	103	47.0-120	
Bis(2-chlorethoxy)methane	0.0500	0.0365	73.0	33.0-120	
Bis(2-chloroethyl)ether	0.0500	0.0448	89.6	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R3509671-1 03/18/20 01:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,2-Oxybis(1-Chloropropane)	0.0500	0.0377	75.4	28.0-120	
4-Bromophenyl-phenylether	0.0500	0.0453	90.6	45.0-120	
2-Chloronaphthalene	0.0500	0.0412	82.4	37.0-120	
4-Chlorophenyl-phenylether	0.0500	0.0439	87.8	44.0-120	
Chrysene	0.0500	0.0453	90.6	48.0-120	
Dibenz(a,h)anthracene	0.0500	0.0453	90.6	47.0-120	
1,2-Dichlorobenzene	0.0500	0.0359	71.8	20.0-120	
1,3-Dichlorobenzene	0.0500	0.0347	69.4	17.0-120	
1,4-Dichlorobenzene	0.0500	0.0347	69.4	18.0-120	
3,3-Dichlorobenzidine	0.100	0.0902	90.2	44.0-120	
2,4-Dinitrotoluene	0.0500	0.0533	107	49.0-124	
2,6-Dinitrotoluene	0.0500	0.0483	96.6	46.0-120	
Fluoranthene	0.0500	0.0487	97.4	51.0-120	
Fluorene	0.0500	0.0452	90.4	47.0-120	
Hexachlorobenzene	0.0500	0.0434	86.8	44.0-120	
Hexachloro-1,3-butadiene	0.0500	0.0310	62.0	19.0-120	
Hexachlorocyclopentadiene	0.0500	0.0302	60.4	15.0-120	
Hexachloroethane	0.0500	0.0343	68.6	15.0-120	
Indeno(1,2,3-cd)pyrene	0.0500	0.0447	89.4	49.0-122	
Isophorone	0.0500	0.0365	73.0	36.0-120	
Naphthalene	0.0500	0.0323	64.6	27.0-120	
Nitrobenzene	0.0500	0.0350	70.0	27.0-120	
n-Nitrosodimethylamine	0.0500	0.0274	54.8	10.0-120	
n-Nitrosodiphenylamine	0.0500	0.0483	96.6	47.0-120	
n-Nitrosodi-n-propylamine	0.0500	0.0421	84.2	31.0-120	
Phenanthrene	0.0500	0.0460	92.0	46.0-120	
Benzylbutyl phthalate	0.0500	0.0520	104	43.0-121	
Bis(2-ethylhexyl)phthalate	0.0500	0.0516	103	43.0-122	
Di-n-butyl phthalate	0.0500	0.0544	109	49.0-121	
Diethyl phthalate	0.0500	0.0516	103	48.0-122	
Dimethyl phthalate	0.0500	0.0487	97.4	48.0-120	
Di-n-octyl phthalate	0.0500	0.0507	101	42.0-125	
Pyrene	0.0500	0.0493	98.6	47.0-120	
1,2,4-Trichlorobenzene	0.0500	0.0304	60.8	24.0-120	
4-Chloro-3-methylphenol	0.0500	0.0390	78.0	40.0-120	
2-Chlorophenol	0.0500	0.0403	80.6	25.0-120	
2,4-Dichlorophenol	0.0500	0.0378	75.6	36.0-120	
2,4-Dimethylphenol	0.0500	0.0390	78.0	33.0-120	
4,6-Dinitro-2-methylphenol	0.0500	0.0502	100	38.0-138	
2,4-Dinitrophenol	0.0500	0.0511	102	10.0-120	

Laboratory Control Sample (LCS)

(LCS) R3509671-1 03/18/20 01:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	0.0500	0.0408	81.6	31.0-120	
4-Nitrophenol	0.0500	0.0225	45.0	10.0-120	
Pentachlorophenol	0.0500	0.0501	100	23.0-120	
Phenol	0.0500	0.0185	37.0	10.0-120	
2,4,6-Trichlorophenol	0.0500	0.0470	94.0	42.0-120	
(S) Nitrobenzene-d5			*60.8*	*10.0-127*	
(S) 2-Fluorobiphenyl			*89.3*	*10.0-130*	
(S) p-Terphenyl-d14			*97.8*	*10.0-128*	
(S) Phenol-d5			*34.5*	*10.0-120*	
(S) 2-Fluorophenol			*54.0*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*91.5*	*10.0-155*	

L1199042-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1199042-01 03/18/20 04:02 • (MS) R3509671-3 03/18/20 04:24 • (MSD) R3509671-4 03/18/20 04:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	U	0.0245	0.0231	49.0	46.2	1	28.0-120			5.88	25
Acenaphthylene	0.0500	U	0.0273	0.0257	54.6	51.4	1	31.0-121			6.04	25
Anthracene	0.0500	U	0.0302	0.0297	60.4	59.4	1	36.0-120			1.67	23
Benzo(a)anthracene	0.0500	U	0.0325	0.0319	65.0	63.8	1	39.0-120			1.86	23
Benzo(b)fluoranthene	0.0500	0.0000593	0.0339	0.0349	67.7	69.7	1	37.0-120			2.91	23
Benzo(k)fluoranthene	0.0500	U	0.0343	0.0329	68.6	65.8	1	37.0-120			4.17	26
Benzo(g,h,i)perylene	0.0500	0.0000442	0.0292	0.0288	58.3	57.5	1	37.0-123			1.38	25
Benzo(a)pyrene	0.0500	0.0000445	0.0350	0.0346	69.9	69.1	1	37.0-120			1.15	24
Bis(2-chlorethoxy)methane	0.0500	U	0.0232	0.0209	46.4	41.8	1	17.0-120			10.4	31
Bis(2-chloroethyl)ether	0.0500	U	0.0259	0.0227	51.8	45.4	1	14.0-120			13.2	33
2,2-Oxybis(1-Chloropropane)	0.0500	U	0.0206	0.0181	41.2	36.2	1	18.0-120			12.9	34
4-Bromophenyl-phenylether	0.0500	U	0.0281	0.0281	56.2	56.2	1	37.0-120			0.000	24
2-Chloronaphthalene	0.0500	U	0.0236	0.0212	47.2	42.4	1	29.0-120			10.7	28
4-Chlorophenyl-phenylether	0.0500	U	0.0273	0.0260	54.6	52.0	1	36.0-120			4.88	23
Chrysene	0.0500	U	0.0311	0.0310	62.2	62.0	1	38.0-120			0.322	23
Dibenz(a,h)anthracene	0.0500	U	0.0296	0.0296	59.2	59.2	1	36.0-121			0.000	24
1,2-Dichlorobenzene	0.0500	U	0.0184	0.0168	36.8	33.6	1	18.0-120			9.09	40
1,3-Dichlorobenzene	0.0500	U	0.0178	0.0162	35.6	32.4	1	15.0-120			9.41	40
1,4-Dichlorobenzene	0.0500	U	0.0179	0.0163	35.8	32.6	1	17.0-120			9.36	40
3,3-Dichlorobenzidine	0.100	U	0.0341	0.0338	34.1	33.8	1	10.0-134			0.884	30
2,4-Dinitrotoluene	0.0500	U	0.0343	0.0338	68.6	67.6	1	39.0-125			1.47	25
2,6-Dinitrotoluene	0.0500	U	0.0319	0.0302	63.8	60.4	1	36.0-120			5.48	27

L1199042-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1199042-01 03/18/20 04:02 • (MS) R3509671-3 03/18/20 04:24 • (MSD) R3509671-4 03/18/20 04:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.0500	U	0.0325	0.0325	65.0	65.0	1	41.0-121			0.000	22
Fluorene	0.0500	U	0.0281	0.0274	56.2	54.8	1	37.0-120			2.52	24
Hexachlorobenzene	0.0500	U	0.0276	0.0268	55.2	53.6	1	35.0-122			2.94	24
Hexachloro-1,3-butadiene	0.0500	U	0.0161	0.0150	32.2	30.0	1	12.0-120			7.07	34
Hexachlorocyclopentadiene	0.0500	U	0.0172	0.0159	34.4	31.8	1	10.0-120			7.85	33
Hexachloroethane	0.0500	U	0.0171	0.0158	34.2	31.6	1	10.0-120			7.90	40
Indeno(1,2,3-cd)pyrene	0.0500	U	0.0301	0.0298	60.2	59.6	1	38.0-125			1.00	24
Isophorone	0.0500	U	0.0230	0.0210	46.0	42.0	1	21.0-120			9.09	27
Naphthalene	0.0500	U	0.0187	0.0170	37.4	34.0	1	10.0-120			9.52	31
Nitrobenzene	0.0500	U	0.0220	0.0193	44.0	38.6	1	12.0-120			13.1	30
n-Nitrosodimethylamine	0.0500	U	0.0254	0.0216	50.8	43.2	1	10.0-120			16.2	40
n-Nitrosodiphenylamine	0.0500	U	0.0318	0.0311	63.6	62.2	1	37.0-120			2.23	24
n-Nitrosodi-n-propylamine	0.0500	U	0.0245	0.0221	49.0	44.2	1	16.0-120			10.3	30
Phenanthrene	0.0500	U	0.0294	0.0290	58.8	58.0	1	33.0-120			1.37	22
Benzylbutyl phthalate	0.0500	U	0.0368	0.0368	73.6	73.6	1	34.0-126			0.000	24
Bis(2-ethylhexyl)phthalate	0.0500	U	0.0354	0.0344	70.8	68.8	1	33.0-126			2.87	25
Di-n-butyl phthalate	0.0500	0.00247	0.0375	0.0372	70.1	69.5	1	35.0-128			0.803	23
Diethyl phthalate	0.0500	0.000359	0.0348	0.0331	68.9	65.5	1	39.0-125			5.01	24
Dimethyl phthalate	0.0500	U	0.0320	0.0303	64.0	60.6	1	37.0-120			5.46	24
Di-n-octyl phthalate	0.0500	U	0.0351	0.0344	70.2	68.8	1	25.0-135			2.01	26
Pyrene	0.0500	U	0.0336	0.0333	67.2	66.6	1	39.0-120			0.897	22
1,2,4-Trichlorobenzene	0.0500	U	0.0166	0.0153	33.2	30.6	1	15.0-120			8.15	31
4-Chloro-3-methylphenol	0.0500	U	0.0291	0.0276	58.2	55.2	1	26.0-120			5.29	27
2-Chlorophenol	0.0500	U	0.0258	0.0222	51.6	44.4	1	18.0-120			15.0	34
2,4-Dichlorophenol	0.0500	U	0.0241	0.0227	48.2	45.4	1	19.0-120			5.98	27
2,4-Dimethylphenol	0.0500	U	0.0272	0.0250	54.4	50.0	1	15.0-120			8.43	28
4,6-Dinitro-2-methylphenol	0.0500	U	0.0361	0.0371	72.2	74.2	1	10.0-144			2.73	39
2,4-Dinitrophenol	0.0500	U	0.0382	0.0374	76.4	74.8	1	10.0-120			2.12	40
2-Nitrophenol	0.0500	U	0.0259	0.0227	51.8	45.4	1	20.0-120			13.2	30
4-Nitrophenol	0.0500	U	0.0244	0.0198	48.8	39.6	1	10.0-120			20.8	40
Pentachlorophenol	0.0500	U	0.0345	0.0339	69.0	67.8	1	10.0-128			1.75	37
Phenol	0.0500	0.000419	0.0202	0.0157	39.6	30.6	1	10.0-120			25.1	40
2,4,6-Trichlorophenol	0.0500	U	0.0295	0.0275	59.0	55.0	1	26.0-120			7.02	31
Benzidine	0.100	U	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	37
(S) Nitrobenzene-d5					*37.9*	*32.8*		*10.0-127*				
(S) 2-Fluorobiphenyl					*50.8*	*46.1*		*10.0-130*				
(S) p-Terphenyl-d14					*66.5*	*67.1*		*10.0-128*				
(S) Phenol-d5					*37.2*	*29.3*		*10.0-120*				
(S) 2-Fluorophenol					*47.9*	*36.9*		*10.0-120*				
(S) 2,4,6-Tribromophenol					*62.0*	*60.5*		*10.0-155*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

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

State Accreditations

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

Third Party Federal Accreditations

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

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

Our Locations

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

Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Billing Information:
Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

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

Report to: **Raina, Irene, Jessica & Alanna**

Email To: **rlopez, iyazzie, achee, labadmin@envirotech-inc.com**

Project Description: **Lateral 2B 31 Spill**

City/State Collected: **NM**

Phone: **505-632-1881**
Fax:

Client Project # **97057-1097**

Lab Project #

L # L1199628
A209

Collected by (print): **D. Carter**

Site/Facility ID # **P003082**

P.O. # **145794**

Acctnum:
Template:
Prelogin:
TSR:
PB:

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed **ASAP**

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 SVOC Full List/ 125ml Amer/ NONE	Remarks	Sample # (lab only)
Downgradiant 1		GW		3/13/20	15:30	2	X		-01
Downgradiant 2		GW		3/13/20	15:44	2	X		-02

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

Remarks:
Please Complete enclosed ScSRC and return to rlopez@envirotech-inc.com

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 138248044370

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Raina Lopez	3/16/20	13:30			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.4, 1.4 °C Bottles Received: 4	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Sandy Yost	Date: 3/17/20 Time: 830	Hold: Condition: NCF / OK

L1199628

Envirotech, Inc.

Phone: (505) 632-1881 Fax: (505) 632-1865

Subcontract Sample Receipt Checklist (ScSRC)

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalities/nonconformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: P003082 Date shipped 3/16/20

Envirotech SCO Initials: RL Shipping Carrier: FedEx Envirotech email: labadmin@envirotech-inc.com

Subcontract Lab Name: Pace Analytical State of origin: (NM) CO / UT / TX / AZ /Other

				Comments/Resolution
State Certification Information				
Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	Yes ☐	☐ No	☐ NA	
Note: There are no RCRA/CWA state certification programs for the states of NM / CO				
Does the laboratory hold the certification for the requested method(s) of analysis?	Yes ☐	☐ No	☐ NA	
Chain of Custody (COC) Information				
Does the sample ID match the COC?	Yes ☐	☐ No		
Does the number of samples per sampling site location match the COC?	Yes ☐	☐ No		
Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes ☐	☐ No		
Were samples received within the method specified holding time or is there sufficient holding time left to conduct analysis as standard TAT?	Yes ☐	☐ No		
Sample Turn Around Time (TAT) Information				
Did the COC indicate standard TAT, or expidited TAT? Standard 6-day TAT ☐; 24-hr rush ☐; 48-hr rush ☐; 72-hr rush ☐; other rush ☐ _____	Yes ☐	☐ No		
Sample Cooler Information				
Was the sample cooler received in good condition?	Yes ☐	☐ No		
Was the sample(s) received in tact, i.e., not broken?	Yes ☐	☐ No		
Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	Yes ☐	☐ No		
If no visible ice, record the temperature. Actual sample temperature.			Temperature:	
Sample Container Information				
Is the appropriate volume/weight or number of sample containers collected:	Yes ☐	☐ No		
Sample Preservation Information				
Does the COC or field labels indicate the samples were correctly preserved?	Yes ☐	☐ No	☐ NA	
Multiphase Sample Matrix Information				
Does the sample have more than one phase, i.e., multiphase?	Yes ☐	☐ No		
If so, does the COC specify which phase(s) is to be analyzed?	Yes ☐	☐ No		

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

_____ _____

Signature of subcontract laboratory sample custodian Date Received:

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/19/2020
Job Number: 97057-1097
Work Order: P003101
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Walter Hinchman Date: 3/23/20

Walter Hinchman, Laboratory Director

Supplement to analytical report generated on: 3/23/20 9:11 am

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.

envirotech
Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Source (S3)	P003101-01A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-01B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-01C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
West of Source (S3)	P003101-02A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-02B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-02C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
Terminal (S3)	P003101-03A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-03B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-03C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
West of Terminal (S3)	P003101-04A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-04B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-04C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
Down Gradient 1 (S2)	P003101-05A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-05B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-05C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
Down Gradient 2 (S2)	P003101-06A	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-06B	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
	P003101-06C	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL; HCl
Trip Blank	P003101-07D	Aqueous	03/19/20	03/19/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Source (S3)

P003101-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	**11.5**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	**1.08**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	**90.0**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Source (S3)
P003101-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	**6.83**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	**66.5**	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	**11.9**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	**78.4**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	**2.91**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	**4.42**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*112 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

West of Source (S3)
P003101-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	**5.15**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	**40.1**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

West of Source (S3)
P003101-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	**3.54**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	**35.3**	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	**5.96**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	**41.2**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.54**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	**2.26**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*109 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Terminal (S3)

P003101-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	**8.80**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	**64.7**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Terminal (S3)
P003101-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	**5.06**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	**50.9**	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	**8.89**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	**59.8**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	**2.08**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	**3.18**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*105 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

West of Terminal (S3)
P003101-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	**3.27**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	**21.6**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

West of Terminal (S3)
P003101-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	**2.13**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	**22.4**	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	**3.81**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	**26.2**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.00**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	**1.39**	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*104 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Down Gradient 1 (S2)
P003101-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Down Gradient 1 (S2)

P003101-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
p,m-Xylene	**2.61**	2.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Total Xylenes	**2.61**	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/20/20	03/20/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*		*2012031*	*03/20/20*	*03/20/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*101 %*	*70-130*		*2012031*	*03/20/20*	*03/20/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*		*2012031*	*03/20/20*	*03/20/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Down Gradient 2 (S2)
P003101-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Down Gradient 2 (S2)
P003101-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*102 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Trip Blank
P003101-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Trip Blank
P003101-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2012031	03/19/20	03/19/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*100 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*		*2012031*	*03/19/20*	*03/19/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

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
Batch 2012031 - Purge and Trap EPA 5030A										
Blank (2012031-BLK1)				Prepared & Analyzed: 03/19/20 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:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

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
Batch 2012031 - Purge and Trap EPA 5030A										
Blank (2012031-BLK1)				Prepared & Analyzed: 03/19/20 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	*10.0*		"	*10.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*9.92*		"	*10.0*		*99.2*	*70-130*			
Surrogate: Bromofluorobenzene	*10.1*		"	*10.0*		*101*	*70-130*			
LCS (2012031-BS1)				Prepared & Analyzed: 03/19/20 1						
Vinyl chloride	63.1	1.00	ug/L	50.0		126	80-120			L2
1,1-Dichloroethene	55.8	1.00	"	50.0		111	80-120			
Methylene Chloride	51.8	5.00	"	50.0		104	70-130			
Methyl tert-Butyl Ether (MTBE)	52.6	1.00	"	50.0		105	70-130			
Diisopropyl Ether (DIPE)	53.3	1.00	"	50.0		107	65-135			
Bromochloromethane	52.4	1.00	"	50.0		105	70-130			
1,1,1-Trichloroethane	51.2	1.00	"	50.0		102	70-130			
Benzene	52.4	1.00	"	50.0		105	70-130			
Trichloroethene	48.9	1.00	"	50.0		97.7	70-130			
1,2-Dichloropropane	53.3	1.00	"	50.0		107	80-120			
4-Methyl-2-pentanone (MIBK)	119	20.0	"	100		119	50-160			
Toluene	52.9	1.00	"	50.0		106	80-120			
1,1,2-Trichloroethane	53.9	1.00	"	50.0		108	70-130			
Tetrachloroethene	49.6	1.00	"	50.0		99.3	70-130			
Chlorobenzene	52.9	1.00	"	50.0		106	70-130			
Ethylbenzene	53.8	1.00	"	50.0		108	80-120			
1,1,1,2-Tetrachloroethane	51.6	1.00	"	50.0		103	70-130			
p,m-Xylene	108	2.00	"	100		108	70-130			
o-Xylene	53.4	1.00	"	50.0		107	70-130			
Total Xylenes	161	1.00	"	150		108	0-200			
n-Propyl Benzene	52.9	1.00	"	50.0		106	70-130			
tert-Butylbenzene	55.1	1.00	"	50.0		110	70-130			
1,4-Dichlorobenzene	53.8	1.00	"	50.0		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	53.0	5.00	"	50.0		106	65-135			
1,2,3-Trichlorobenzene	47.5	5.00	"	50.0		94.9	70-140			

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

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
Batch 2012031 - Purge and Trap EPA 5030A										
LCS (2012031-BS1)				Prepared & Analyzed: 03/19/20 1						
Surrogate: 1,2-Dichloroethane-d4	*9.55*		*ug/L*	*10.0*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*			
Surrogate: Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*70-130*			
Matrix Spike (2012031-MS1)		**Source: P003101-06**		Prepared & Analyzed: 03/19/20 1						
Vinyl chloride	323	5.00	ug/L	250	ND	129	44-143			
1,1-Dichloroethene	281	5.00	"	250	ND	112	49-144			
Methylene Chloride	268	25.0	"	250	ND	107	60-140			
Methyl tert-Butyl Ether (MTBE)	270	5.00	"	250	ND	108	61-136			
Diisopropyl Ether (DIPE)	272	5.00	"	250	ND	109	60-140			
Bromochloromethane	268	5.00	"	250	ND	107	65-135			
1,1,1-Trichloroethane	259	5.00	"	250	ND	103	58-134			
Benzene	265	5.00	"	250	ND	106	59-133			
Trichloroethene	248	5.00	"	250	ND	99.1	49-148			
1,2-Dichloropropane	275	5.00	"	250	ND	110	35-135			
4-Methyl-2-pentanone (MIBK)	549	100	"	500	ND	110	40-170			
Toluene	272	5.00	"	250	ND	109	67-130			
1,1,2-Trichloroethane	278	5.00	"	250	ND	111	65-135			
Tetrachloroethene	250	5.00	"	250	ND	100	57-141			
Chlorobenzene	273	5.00	"	250	ND	109	70-130			
Ethylbenzene	276	5.00	"	250	ND	110	62-136			
1,1,1,2-Tetrachloroethane	264	5.00	"	250	ND	106	70-132			
p,m-Xylene	551	10.0	"	500	ND	110	65-135			
o-Xylene	275	5.00	"	250	ND	110	70-130			
Total Xylenes	826	5.00	"	750	ND	110	0-200			
n-Propyl Benzene	272	5.00	"	250	ND	109	63-139			
tert-Butylbenzene	281	5.00	"	250	ND	113	67-138			
1,4-Dichlorobenzene	274	5.00	"	250	ND	110	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	276	25.0	"	250	ND	110	60-160			
1,2,3-Trichlorobenzene	249	25.0	"	250	ND	99.7	60-160			
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*70-130*			
Matrix Spike Dup (2012031-MSD1)		**Source: P003101-06**		Prepared & Analyzed: 03/19/20 1						
Vinyl chloride	327	5.00	ug/L	250	ND	131	44-143	1.31	30	
1,1-Dichloroethene	291	5.00	"	250	ND	116	49-144	3.48	20	
Methylene Chloride	273	25.0	"	250	ND	109	60-140	1.89	20	
Methyl tert-Butyl Ether (MTBE)	278	5.00	"	250	ND	111	61-136	3.05	20	
Diisopropyl Ether (DIPE)	281	5.00	"	250	ND	112	60-140	3.34	20	
Bromochloromethane	273	5.00	"	250	ND	109	65-135	1.89	20	
1,1,1-Trichloroethane	269	5.00	"	250	ND	108	58-134	3.98	20	
Benzene	276	5.00	"	250	ND	110	59-133	3.86	20	
Trichloroethene	251	5.00	"	250	ND	100	49-148	1.10	20	
1,2-Dichloropropane	282	5.00	"	250	ND	113	35-135	2.53	20	
4-Methyl-2-pentanone (MIBK)	553	100	"	500	ND	111	40-170	0.690	30	
Toluene	278	5.00	"	250	ND	111	67-130	2.23	20	
1,1,2-Trichloroethane	284	5.00	"	250	ND	113	65-135	1.98	20	
Tetrachloroethene	254	5.00	"	250	ND	102	57-141	1.74	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

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
Batch 2012031 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2012031-MSD1)		**Source: P003101-06**		Prepared & Analyzed: 03/19/20 1						
Chlorobenzene	278	5.00	ug/L	250	ND	111	70-130	1.82	20	
Ethylbenzene	280	5.00	"	250	ND	112	62-136	1.47	20	
1,1,1,2-Tetrachloroethane	272	5.00	"	250	ND	109	70-132	2.98	20	
p,m-Xylene	559	10.0	"	500	ND	112	65-135	1.35	20	
o-Xylene	280	5.00	"	250	ND	112	70-130	2.02	20	
Total Xylenes	839	5.00	"	750	ND	112	0-200	1.57	200	
n-Propyl Benzene	277	5.00	"	250	ND	111	63-139	1.60	20	
tert-Butylbenzene	286	5.00	"	250	ND	114	67-138	1.50	20	
1,4-Dichlorobenzene	281	5.00	"	250	ND	112	70-130	2.52	20	
1,2-Dibromo-3-chloropropane (DBCP)	281	25.0	"	250	ND	112	60-160	1.83	30	
1,2,3-Trichlorobenzene	252	25.0	"	250	ND	101	60-160	0.998	20	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*70-130*			

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/23/20 11:47

Notes and Definitions

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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise	**Report Attention**	**Lab Use Only**
Project: Lateral 2B-31 Spill	Report due by:	Lab WO# P003101 / Job Number 97057-1097
Project Manager: F.Aragon	Email:	**TAT** 1D X / 3D
Address:	Address:	**EPA Program** RCRA / CWA / SDW
City, State, Zip	City, State, Zip	**State** NM X / CO / UT
Phone:	Phone:	
Email: Gcrabtree Dcarter Faragon Tknight Bhall		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	Analysis and Method: 8260	Remarks
9:15	3/19/2020	A	3	Source (S3)	1	X	
9:18	3/19/2020	A	3	West of Source (S3)	2	X	
9:25	3/19/2020	A	3	Terminal (S3)	3	X	
9:27	3/19/2020	A	3	West of Terminal (S3)	4	X	
9:38	3/19/2020	A	3	Downgrade 1 (S2)	5	X	
9:42	3/19/2020	A	3	Downgrade 2 (S2)	6	X	
	3/19/2020	A	1	Trip Blank	7	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:Clay Green

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
[signature]	3-19-20	10 25	Rain Lopez	3/19/20	10:25
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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.

envirotech Analytical Laboratory
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laboratory@envirotech-inc

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 3/24/2020
Job Number: 97057-1097
Work Order: P003117
Project Name/Location: Lateral 2b 31 Spill

Report Reviewed By: Date: 3/26/20

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.
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.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Source (S4)	P003117-01A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-01B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-01C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
West of Source (S4)	P003117-02A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-02B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-02C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
Terminal (S4)	P003117-03A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-03B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-03C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
West of Terminal (S4)	P003117-04A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-04B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-04C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
Down Gradient 1 (S3)	P003117-05A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-05B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-05C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
Down Gradient 2 (S3)	P003117-06A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-06B	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
	P003117-06C	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL; HCl
Trip Blank	P003117-07A	Aqueous	03/24/20	03/24/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Source (S4)

P003117-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	**6.49**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	**54.2**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Source (S4)

P003117-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	**4.23**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	**42.9**	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	**7.54**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	**50.5**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.87**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	**2.73**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*103 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

West of Source (S4)
P003117-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	**3.80**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	**29.7**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

West of Source (S4)
P003117-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	**2.28**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	**25.1**	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	**4.24**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	**29.3**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.05**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	**1.46**	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*101 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.7 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Terminal (S4)

P003117-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	**6.00**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	**45.9**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Terminal (S4)
P003117-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	**3.60**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	**39.6**	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	**6.76**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	**46.4**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	**2.26**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*104 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

West of Terminal (S4)

P003117-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	100	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	**5.40**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	40.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

West of Terminal (S4)
P003117-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	**10.3**	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	**10.3**	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	4.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	5.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	2.00	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	10.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	20.0	ug/L	2	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.7 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Down Gradient 1 (S3)

P003117-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Down Gradient 1 (S3)
P003117-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*		*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Down Gradient 2 (S3)

P003117-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Down Gradient 2 (S3)

P003117-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/25/20	03/25/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*98.4 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2013012*	*03/25/20*	*03/25/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Trip Blank

P003117-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Trip Blank
P003117-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2013012	03/24/20	03/24/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*		*2013012*	*03/24/20*	*03/24/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*81.5 %*	*70-130*		*2013012*	*03/24/20*	*03/24/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*77.8 %*	*70-130*		*2013012*	*03/24/20*	*03/24/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

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
Batch 2013012 - Purge and Trap EPA 5030A										
Blank (2013012-BLK1)				Prepared & Analyzed: 03/25/20 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	"							

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

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
Batch 2013012 - Purge and Trap EPA 5030A										
Blank (2013012-BLK1)				Prepared & Analyzed: 03/25/20 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	*9.42*		*"*	*10.0*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*70-130*			
Surrogate: Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*			
LCS (2013012-BS1)				Prepared & Analyzed: 03/25/20 1						
Vinyl chloride	57.7	1.00	ug/L	50.0		115	80-120			
1,1-Dichloroethene	56.2	1.00	"	50.0		112	80-120			
Methylene Chloride	53.8	5.00	"	50.0		108	70-130			
Methyl tert-Butyl Ether (MTBE)	54.8	1.00	"	50.0		110	70-130			
Diisopropyl Ether (DIPE)	55.4	1.00	"	50.0		111	65-135			
Bromochloromethane	54.1	1.00	"	50.0		108	70-130			
1,1,1-Trichloroethane	52.8	1.00	"	50.0		106	70-130			
Benzene	54.3	1.00	"	50.0		109	70-130			
Trichloroethene	51.2	1.00	"	50.0		102	70-130			
1,2-Dichloropropane	55.9	1.00	"	50.0		112	80-120			
4-Methyl-2-pentanone (MIBK)	120	20.0	"	100		120	50-160			
Toluene	55.1	1.00	"	50.0		110	80-120			
1,1,2-Trichloroethane	55.8	1.00	"	50.0		112	70-130			
Tetrachloroethene	51.4	1.00	"	50.0		103	70-130			
Chlorobenzene	55.2	1.00	"	50.0		110	70-130			
Ethylbenzene	55.9	1.00	"	50.0		112	80-120			
1,1,1,2-Tetrachloroethane	54.1	1.00	"	50.0		108	70-130			
p,m-Xylene	111	2.00	"	100		111	70-130			
o-Xylene	55.6	1.00	"	50.0		111	70-130			
Total Xylenes	167	1.00	"	150		111	0-200			
n-Propyl Benzene	55.1	1.00	"	50.0		110	70-130			
tert-Butylbenzene	57.1	1.00	"	50.0		114	70-130			
1,4-Dichlorobenzene	56.2	1.00	"	50.0		112	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	55.0	5.00	"	50.0		110	65-135			
1,2,3-Trichlorobenzene	50.3	5.00	"	50.0		101	70-140			

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

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
Batch 2013012 - Purge and Trap EPA 5030A										
LCS (2013012-BS1)				Prepared & Analyzed: 03/25/20 1						
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*ug/L*	*10.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*			
Matrix Spike (2013012-MS1)		**Source: P003117-02**		Prepared & Analyzed: 03/25/20 1						
Vinyl chloride	272	5.00	ug/L	250	ND	109	44-143			
1,1-Dichloroethene	264	5.00	"	250	ND	105	49-144			
Methylene Chloride	252	25.0	"	250	ND	101	60-140			
Methyl tert-Butyl Ether (MTBE)	268	5.00	"	250	ND	107	61-136			
Diisopropyl Ether (DIPE)	263	5.00	"	250	ND	105	60-140			
Bromochloromethane	258	5.00	"	250	ND	103	65-135			
1,1,1-Trichloroethane	247	5.00	"	250	ND	98.7	58-134			
Benzene	258	5.00	"	250	ND	103	59-133			
Trichloroethene	230	5.00	"	250	ND	92.2	49-148			
1,2-Dichloropropane	259	5.00	"	250	ND	103	35-135			
4-Methyl-2-pentanone (MIBK)	552	100	"	500	ND	110	40-170			
Toluene	285	5.00	"	250	29.7	102	67-130			
1,1,2-Trichloroethane	270	5.00	"	250	ND	108	65-135			
Tetrachloroethene	234	5.00	"	250	ND	93.4	57-141			
Chlorobenzene	256	5.00	"	250	ND	102	70-130			
Ethylbenzene	262	5.00	"	250	ND	105	62-136			
1,1,1,2-Tetrachloroethane	250	5.00	"	250	ND	99.9	70-132			
p,m-Xylene	541	10.0	"	500	25.1	103	65-135			
o-Xylene	262	5.00	"	250	ND	105	70-130			
Total Xylenes	804	5.00	"	750	29.3	103	0-200			
n-Propyl Benzene	255	5.00	"	250	ND	102	63-139			
tert-Butylbenzene	267	5.00	"	250	ND	107	67-138			
1,4-Dichlorobenzene	267	5.00	"	250	ND	107	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	284	25.0	"	250	ND	114	60-160			
1,2,3-Trichlorobenzene	240	25.0	"	250	ND	95.9	60-160			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*70-130*			
Surrogate: Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*70-130*			
Matrix Spike Dup (2013012-MSD1)		**Source: P003117-02**		Prepared & Analyzed: 03/25/20 1						
Vinyl chloride	194	5.00	ug/L	250	ND	77.5	44-143	33.8	30	R3
1,1-Dichloroethene	202	5.00	"	250	ND	80.7	49-144	26.5	20	R3
Methylene Chloride	213	25.0	"	250	ND	85.4	60-140	16.4	20	
Methyl tert-Butyl Ether (MTBE)	249	5.00	"	250	ND	99.8	61-136	7.08	20	
Diisopropyl Ether (DIPE)	228	5.00	"	250	ND	91.1	60-140	14.3	20	
Bromochloromethane	232	5.00	"	250	ND	92.7	65-135	10.6	20	
1,1,1-Trichloroethane	186	5.00	"	250	ND	74.3	58-134	28.2	20	R3
Benzene	206	5.00	"	250	ND	82.4	59-133	22.3	20	R3
Trichloroethene	177	5.00	"	250	ND	71.0	49-148	26.0	20	R3
1,2-Dichloropropane	219	5.00	"	250	ND	87.7	35-135	16.5	20	
4-Methyl-2-pentanone (MIBK)	578	100	"	500	ND	116	40-170	4.72	30	
Toluene	233	5.00	"	250	29.7	81.2	67-130	20.0	20	
1,1,2-Trichloroethane	247	5.00	"	250	ND	98.6	65-135	8.95	20	
Tetrachloroethene	178	5.00	"	250	ND	71.2	57-141	26.9	20	R3

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

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
Batch 2013012 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2013012-MSD1)		**Source: P003117-02**		Prepared & Analyzed: 03/25/20 1						
Chlorobenzene	210	5.00	ug/L	250	ND	83.9	70-130	19.8	20	
Ethylbenzene	209	5.00	"	250	ND	83.7	62-136	22.5	20	R3
1,1,1,2-Tetrachloroethane	212	5.00	"	250	ND	84.8	70-132	16.3	20	
p,m-Xylene	434	10.0	"	500	25.1	81.9	65-135	21.9	20	R3
o-Xylene	215	5.00	"	250	ND	86.1	70-130	19.7	20	
Total Xylenes	650	5.00	"	750	29.3	82.7	0-200	21.2	200	
n-Propyl Benzene	210	5.00	"	250	ND	83.9	63-139	19.4	20	
tert-Butylbenzene	222	5.00	"	250	ND	88.8	67-138	18.5	20	
1,4-Dichlorobenzene	225	5.00	"	250	ND	90.0	70-130	17.0	20	
1,2-Dibromo-3-chloropropane (DBCP)	284	25.0	"	250	ND	114	60-160	0.0176	30	
1,2,3-Trichlorobenzene	220	25.0	"	250	ND	87.8	60-160	8.82	20	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*70-130*			

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2b 31 Spill	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	03/26/20 09:21

Notes and Definitions

R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
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.

Project Information

Chain of Custody

Client: Enterprise
Project: Lateral 2B-31 Spill
Project Manager: F.Aragon
Address:
City, State, Zip
Phone:
Email: Gcrabtree Dcarter Faragon Tknight Bhall

Report Attention
Report due by:
Email:
Address:
City, State, Zip
Phone:

Lab Use Only
Lab WO# P003117
Job Number 97057-1097

TAT: 1D X, 3D

EPA Program: RCRA, CWA, SDW

State: NM X, CO, UT, A

Analysis and Method: 8260

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	Remarks
11:32	3/24/2020	A	3	Source (S4)	1	X	
11:25		A	3	West of Source (S4)	2	X	
11:17		A	3	Terminal (S4)	3	X	
11:09		A	3	West of Terminal (S4)	4	X	
10:41		A	3	Downgradiant 1 (S3)	5	X	
10:33	"	A	3	Downgradiant 2 (S3)	6	X	
		A	1	Trip Blank	7	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:Damon Carter

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
Damon Carter	3/24/20	12:43	Rose Lopez	3/24/20	12:44
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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 laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
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envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 4/16/2020

Job Number: 97057-1097

Work Order: P004063

Project Name/Location: Lateral 2B-31 Hydrostatic Test Release

Report Reviewed By: Walter Hinchman Date: 4/23/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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.

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Source	P004063-01A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-01B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-01C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
West of Source	P004063-02A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-02B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-02C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
Terminal	P004063-03A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-03B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-03C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
West of Terminal	P004063-04A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-04B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-04C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
Down Gradient 1	P004063-05A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-05B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-05C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
Down Gradient 2	P004063-06A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-06B	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
	P004063-06C	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl
Trip Blank	P004063-07A	Aqueous	04/16/20	04/16/20	VOA Vial, 40mL; HCl

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Source
P004063-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	**4.54**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	**60.9**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Source
P004063-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	**7.74**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	**89.8**	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	**14.3**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	**104**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	**1.87**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	**2.20**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	**7.91**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	**11.0**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*119 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

West of Source
P004063-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	**4.17**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

West of Source
P004063-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	**9.18**	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	**1.26**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	**10.4**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*108 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Terminal

P004063-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	**8.24**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Terminal

P004063-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	**1.20**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	**14.4**	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	**2.16**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	**16.6**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*107 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

West of Terminal
P004063-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	**2.10**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

West of Terminal
P004063-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	**6.67**	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	**6.67**	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*106 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*98.4 %*		*70-130*	*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Down Gradient 1
P004063-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Down Gradient 1
P004063-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*103 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Down Gradient 2
P004063-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Down Gradient 2
P004063-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*105 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Trip Blank
P004063-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Trip Blank
P004063-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2017016	04/22/20	04/22/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*106 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*		*2017016*	*04/22/20*	*04/22/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

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
Batch 2017016 - Purge and Trap EPA 5030A										
Blank (2017016-BLK1)				Prepared & Analyzed: 04/22/20 0						
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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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

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
Batch 2017016 - Purge and Trap EPA 5030A										
Blank (2017016-BLK1)				Prepared & Analyzed: 04/22/20 0						
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	*10.2*		"	*10.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*10.4*		"	*10.0*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*9.89*		"	*10.0*		*98.9*	*70-130*			
LCS (2017016-BS1)				Prepared & Analyzed: 04/22/20 0						
Vinyl chloride	55.4	1.00	ug/L	50.0		111	80-120			
1,1-Dichloroethene	51.0	1.00	"	50.0		102	80-120			
Methylene Chloride	48.7	5.00	"	50.0		97.4	70-130			
Methyl tert-Butyl Ether (MTBE)	50.2	1.00	"	50.0		100	70-130			
Diisopropyl Ether (DIPE)	49.5	1.00	"	50.0		98.9	65-135			
Bromochloromethane	48.2	1.00	"	50.0		96.4	70-130			
1,1,1-Trichloroethane	47.4	1.00	"	50.0		94.8	70-130			
Benzene	48.8	1.00	"	50.0		97.6	70-130			
Trichloroethene	53.4	1.00	"	50.0		107	70-130			
1,2-Dichloropropane	52.9	1.00	"	50.0		106	80-120			
4-Methyl-2-pentanone (MIBK)	120	20.0	"	100		120	50-160			
Toluene	51.9	1.00	"	50.0		104	80-120			
1,1,2-Trichloroethane	54.0	1.00	"	50.0		108	70-130			
Tetrachloroethene	47.5	1.00	"	50.0		95.0	70-130			
Chlorobenzene	51.7	1.00	"	50.0		103	70-130			
Ethylbenzene	52.8	1.00	"	50.0		106	80-120			
1,1,1,2-Tetrachloroethane	48.8	1.00	"	50.0		97.5	70-130			
p,m-Xylene	105	2.00	"	100		105	70-130			
o-Xylene	52.3	1.00	"	50.0		105	70-130			
Total Xylenes	157	1.00	"	150		105	0-200			
n-Propyl Benzene	52.0	1.00	"	50.0		104	70-130			
tert-Butylbenzene	53.5	1.00	"	50.0		107	70-130			
1,4-Dichlorobenzene	50.7	1.00	"	50.0		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	51.2	5.00	"	50.0		102	65-135			
1,2,3-Trichlorobenzene	45.1	5.00	"	50.0		90.2	70-140			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

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
Batch 2017016 - Purge and Trap EPA 5030A										
LCS (2017016-BS1)				Prepared & Analyzed: 04/22/20 0						
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*ug/L*	*10.0*		*106*	*70-130*			
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*70-130*			
Surrogate: Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*			
Matrix Spike (2017016-MS1)		**Source: P004063-01**		Prepared & Analyzed: 04/22/20 0						
Vinyl chloride	266	5.00	ug/L	250	ND	106	44-143			
1,1-Dichloroethene	255	5.00	"	250	ND	102	49-144			
Methylene Chloride	244	25.0	"	250	ND	97.7	60-140			
Methyl tert-Butyl Ether (MTBE)	254	5.00	"	250	ND	102	61-136			
Diisopropyl Ether (DIPE)	251	5.00	"	250	ND	100	60-140			
Bromochloromethane	249	5.00	"	250	ND	99.6	65-135			
1,1,1-Trichloroethane	234	5.00	"	250	ND	93.6	58-134			
Benzene	248	5.00	"	250	ND	99.0	59-133			
Trichloroethene	243	5.00	"	250	ND	97.2	49-148			
1,2-Dichloropropane	280	5.00	"	250	ND	112	35-135			
4-Methyl-2-pentanone (MIBK)	858	100	"	500	ND	172	40-170			M1
Toluene	326	5.00	"	250	60.9	106	67-130			
1,1,2-Trichloroethane	284	5.00	"	250	ND	113	65-135			
Tetrachloroethene	236	5.00	"	250	ND	94.3	57-141			
Chlorobenzene	267	5.00	"	250	ND	107	70-130			
Ethylbenzene	277	5.00	"	250	7.74	108	62-136			
1,1,1,2-Tetrachloroethane	254	5.00	"	250	ND	101	70-132			
p,m-Xylene	609	10.0	"	500	89.8	104	65-135			
o-Xylene	277	5.00	"	250	14.3	105	70-130			
Total Xylenes	886	5.00	"	750	104	104	0-200			
n-Propyl Benzene	265	5.00	"	250	ND	106	63-139			
tert-Butylbenzene	274	5.00	"	250	ND	110	67-138			
1,4-Dichlorobenzene	263	5.00	"	250	ND	105	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	284	25.0	"	250	ND	114	60-160			
1,2,3-Trichlorobenzene	231	25.0	"	250	ND	92.4	60-160			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*57.8*		*"*	*50.0*		*116*	*70-130*			
Surrogate: Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*70-130*			
Matrix Spike Dup (2017016-MSD1)		**Source: P004063-01**		Prepared & Analyzed: 04/22/20 0						
Vinyl chloride	261	5.00	ug/L	250	ND	104	44-143	1.78	30	
1,1-Dichloroethene	248	5.00	"	250	ND	99.3	49-144	2.60	20	
Methylene Chloride	239	25.0	"	250	ND	95.7	60-140	2.01	20	
Methyl tert-Butyl Ether (MTBE)	248	5.00	"	250	ND	99.0	61-136	2.59	20	
Diisopropyl Ether (DIPE)	250	5.00	"	250	ND	100	60-140	0.140	20	
Bromochloromethane	241	5.00	"	250	ND	96.2	65-135	3.39	20	
1,1,1-Trichloroethane	233	5.00	"	250	ND	93.3	58-134	0.321	20	
Benzene	242	5.00	"	250	ND	96.9	59-133	2.14	20	
Trichloroethene	239	5.00	"	250	ND	95.6	49-148	1.66	20	
1,2-Dichloropropane	271	5.00	"	250	ND	108	35-135	3.12	20	
4-Methyl-2-pentanone (MIBK)	634	100	"	500	ND	127	40-170	30.0	30	
Toluene	321	5.00	"	250	60.9	104	67-130	1.65	20	
1,1,2-Trichloroethane	276	5.00	"	250	ND	110	65-135	2.66	20	
Tetrachloroethene	235	5.00	"	250	ND	94.0	57-141	0.361	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

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
Batch 2017016 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2017016-MSD1)		**Source: P004063-01**		Prepared & Analyzed: 04/22/20 0						
Chlorobenzene	260	5.00	ug/L	250	ND	104	70-130	2.72	20	
Ethylbenzene	272	5.00	"	250	7.74	106	62-136	1.71	20	
1,1,1,2-Tetrachloroethane	248	5.00	"	250	ND	99.2	70-132	2.25	20	
p,m-Xylene	597	10.0	"	500	89.8	101	65-135	2.04	20	
o-Xylene	275	5.00	"	250	14.3	104	70-130	0.742	20	
Total Xylenes	872	5.00	"	750	104	102	0-200	1.63	200	
n-Propyl Benzene	263	5.00	"	250	ND	105	63-139	1.04	20	
tert-Butylbenzene	268	5.00	"	250	ND	107	67-138	2.20	20	
1,4-Dichlorobenzene	262	5.00	"	250	ND	105	70-130	0.610	20	
1,2-Dibromo-3-chloropropane (DBCP)	270	25.0	"	250	ND	108	60-160	4.98	30	
1,2,3-Trichlorobenzene	231	25.0	"	250	ND	92.3	60-160	0.0650	20	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*58.1*		*"*	*50.0*		*116*	*70-130*			
Surrogate: Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*70-130*			

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 my differ slightly.

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Test Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	04/23/20 13:40

Notes and Definitions

M1	Matrix spike recovery was above acceptance 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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise
Project: Lateral 2B-31 Hydrostatic Test Release
Project Manager: F Aragon
Address:
City, State, Zip
Phone:
Email: Gcrabtree Admin Bhall Faragon Tknight Cgreen Igarcia Dcarter

Report Attention
Report due by:
Email:
Address:
City, State, Zip
Phone:

Lab Use Only
Lab WO# P004063
Job Number 97057-1097

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Analysis and Method: 8260

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	Remarks
1041	4/16/2020	A	3	Source	1	x	3-voa with HCl
1045	4/16/2020	A	3	West of Source	2	x	3-voa with HCl
1051	4/16/2020	A	3	Terminal	3	x	3-voa with HCl
1057	4/16/2020	A	3	West of Terminal	4	x	3-voa with HCl
1135	4/16/2020	A	3	Down Gradient 1	5	x	3-voa with HCl
1140	4/16/2020	A	3	Down Gradient 2	6	x	3-voa with HCl
				Trip blank	7	x	1-voa

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: Brett Mall

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
Brett Mall	4/16/2020	1221	Rain Lopez	4/16/20	12:21
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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.

envirotech Analytical Laboratory
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Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Samples Received: 5/21/2020
Job Number: 97057-1097
Work Order: P005072
Project Name/Location: Lateral 2B-31 Hydrostatic Water Release

Report Reviewed By: Walter Hinchman Date: 5/29/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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.

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Source	P005072-01A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-01B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-01C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
W. of Source	P005072-02A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-02B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-02C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
Terminal	P005072-03A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-03B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-03C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
W. of Terminal	P005072-04A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-04B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-04C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
Down Gradient #1	P005072-05A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-05B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-05C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
Down Gradient #2	P005072-06A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-06B	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
	P005072-06C	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL; HCl
Trip Blank	P005072-07A	Aqueous	05/21/20	05/21/20	VOA Vial, 40mL

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Source
P005072-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	**1.52**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	**15.7**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	**3.67**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Source
P005072-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	**2.16**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	**22.1**	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	**3.32**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	**25.4**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	**1.35**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	**1.79**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*120 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*106 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

W. of Source
P005072-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	**3.27**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

W. of Source
P005072-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	**1.17**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	**12.5**	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	**1.82**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	**14.3**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*107 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*101 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Terminal

P005072-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Terminal

P005072-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	**2.12**	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	**2.12**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*106 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.3 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

W. of Terminal
P005072-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

W. of Terminal
P005072-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	**2.26**	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	**2.26**	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*104 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*98.9 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Down Gradient #1
P005072-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Down Gradient #1
P005072-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*105 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.6 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Down Gradient #2
P005072-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Down Gradient #2
P005072-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*104 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*99.1 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Trip Blank
P005072-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dichlorodifluoromethane (Freon-12)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloromethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Vinyl chloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromomethane	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroethane	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichlorofluoromethane (Freon-11)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Acetone	ND	50.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methylene Chloride	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,2-Dichloroethene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Diisopropyl Ether (DIPE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Butanone (MEK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,2-Dichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chloroform	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Carbon Tetrachloride	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Amyl Methyl ether (TAME)	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Trichloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Dibromomethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromodichloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Toluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2-Trichloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Tetrachloroethene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Hexanone	ND	20.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichloropropane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Trip Blank
P005072-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Dibromochloromethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Chlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Ethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
p,m-Xylene	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
o-Xylene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Total Xylenes	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Styrene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromoform	ND	2.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Isopropylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Bromobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Propyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichloropropane	ND	2.50	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3,5-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Chlorotoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
tert-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
sec-Butylbenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
4-Isopropyltoluene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,3-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,4-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
n-Butyl Benzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dichlorobenzene	ND	1.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,4-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Hexachlorobutadiene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Naphthalene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.00	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
2-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
1-Methylnaphthalene	ND	10.0	ug/L	1	2022004	05/27/20	05/27/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Toluene-d8		*107 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*2022004*	*05/27/20*	*05/27/20*	*EPA 8260B*	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

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
Batch 2022004 - Purge and Trap EPA 5030A										
Blank (2022004-BLK1)				Prepared & Analyzed: 05/27/20 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	"							

envirotech Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

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
Batch 2022004 - Purge and Trap EPA 5030A										
Blank (2022004-BLK1)				Prepared & Analyzed: 05/27/20 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	*9.68*		*"*	*10.0*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*70-130*			
Surrogate: Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*			
LCS (2022004-BS1)				Prepared & Analyzed: 05/27/20 1						
Vinyl chloride	52.9	1.00	ug/L	50.0		106	80-120			
1,1-Dichloroethene	47.0	1.00	"	50.0		93.9	80-120			
Methylene Chloride	44.2	5.00	"	50.0		88.4	70-130			
Methyl tert-Butyl Ether (MTBE)	40.2	1.00	"	50.0		80.3	70-130			
Diisopropyl Ether (DIPE)	45.3	1.00	"	50.0		90.6	65-135			
Bromochloromethane	42.4	1.00	"	50.0		84.9	70-130			
1,1,1-Trichloroethane	43.8	1.00	"	50.0		87.6	70-130			
Benzene	44.9	1.00	"	50.0		89.8	70-130			
Trichloroethene	45.6	1.00	"	50.0		91.1	70-130			
1,2-Dichloropropane	49.4	1.00	"	50.0		98.8	80-120			
4-Methyl-2-pentanone (MIBK)	78.5	20.0	"	100		78.5	50-160			
Toluene	48.7	1.00	"	50.0		97.4	80-120			
1,1,2-Trichloroethane	46.6	1.00	"	50.0		93.1	70-130			
Tetrachloroethene	43.6	1.00	"	50.0		87.2	70-130			
Chlorobenzene	47.4	1.00	"	50.0		94.9	70-130			
Ethylbenzene	49.9	1.00	"	50.0		99.9	80-120			
1,1,1,2-Tetrachloroethane	43.4	1.00	"	50.0		86.8	70-130			
p,m-Xylene	96.8	2.00	"	100		96.8	70-130			
o-Xylene	47.7	1.00	"	50.0		95.4	70-130			
Total Xylenes	145	1.00	"	150		96.3	0-200			
n-Propyl Benzene	49.8	1.00	"	50.0		99.6	70-130			
tert-Butylbenzene	49.8	1.00	"	50.0		99.7	70-130			
1,4-Dichlorobenzene	46.5	1.00	"	50.0		93.0	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	39.5	5.00	"	50.0		79.0	65-135			
1,2,3-Trichlorobenzene	38.1	5.00	"	50.0		76.1	70-140			

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

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
Batch 2022004 - Purge and Trap EPA 5030A										
LCS (2022004-BS1)				Prepared & Analyzed: 05/27/20 1						
Surrogate: 1,2-Dichloroethane-d4	*9.89*		*ug/L*	*10.0*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*70-130*			
Surrogate: Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-130*			
Matrix Spike (2022004-MS1)		**Source: P005072-06**		Prepared & Analyzed: 05/27/20 1						
Vinyl chloride	253	5.00	ug/L	250	ND	101	44-143			
1,1-Dichloroethene	249	5.00	"	250	ND	99.5	49-144			
Methylene Chloride	237	25.0	"	250	ND	94.7	60-140			
Methyl tert-Butyl Ether (MTBE)	226	5.00	"	250	ND	90.4	61-136			
Diisopropyl Ether (DIPE)	246	5.00	"	250	ND	98.6	60-140			
Bromochloromethane	231	5.00	"	250	ND	92.4	65-135			
1,1,1-Trichloroethane	238	5.00	"	250	ND	95.1	58-134			
Benzene	240	5.00	"	250	ND	96.1	59-133			
Trichloroethene	230	5.00	"	250	ND	92.0	49-148			
1,2-Dichloropropane	259	5.00	"	250	ND	104	35-135			
4-Methyl-2-pentanone (MIBK)	445	100	"	500	ND	89.1	40-170			
Toluene	274	5.00	"	250	ND	110	67-130			
1,1,2-Trichloroethane	249	5.00	"	250	ND	99.6	65-135			
Tetrachloroethene	220	5.00	"	250	ND	87.9	57-141			
Chlorobenzene	247	5.00	"	250	ND	98.7	70-130			
Ethylbenzene	261	5.00	"	250	ND	104	62-136			
1,1,1,2-Tetrachloroethane	235	5.00	"	250	ND	93.8	70-132			
p,m-Xylene	530	10.0	"	500	ND	106	65-135			
o-Xylene	254	5.00	"	250	ND	101	70-130			
Total Xylenes	784	5.00	"	750	ND	105	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	264	5.00	"	250	ND	106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	255	25.0	"	250	ND	102	60-160			
1,2,3-Trichlorobenzene	221	25.0	"	250	ND	88.4	60-160			
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*53.8*		*"*	*50.0*		*108*	*70-130*			
Surrogate: Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*70-130*			
Matrix Spike Dup (2022004-MSD1)		**Source: P005072-06**		Prepared & Analyzed: 05/27/20 1						
Vinyl chloride	259	5.00	ug/L	250	ND	104	44-143	2.30	30	
1,1-Dichloroethene	251	5.00	"	250	ND	101	49-144	1.02	20	
Methylene Chloride	239	25.0	"	250	ND	95.4	60-140	0.736	20	
Methyl tert-Butyl Ether (MTBE)	232	5.00	"	250	ND	92.7	61-136	2.42	20	
Diisopropyl Ether (DIPE)	249	5.00	"	250	ND	99.8	60-140	1.21	20	
Bromochloromethane	232	5.00	"	250	ND	92.9	65-135	0.539	20	
1,1,1-Trichloroethane	241	5.00	"	250	ND	96.3	58-134	1.23	20	
Benzene	244	5.00	"	250	ND	97.5	59-133	1.43	20	
Trichloroethene	235	5.00	"	250	ND	93.9	49-148	2.02	20	
1,2-Dichloropropane	263	5.00	"	250	ND	105	35-135	1.26	20	
4-Methyl-2-pentanone (MIBK)	468	100	"	500	ND	93.6	40-170	4.92	30	
Toluene	279	5.00	"	250	ND	112	67-130	1.84	20	
1,1,2-Trichloroethane	257	5.00	"	250	ND	103	65-135	3.05	20	
Tetrachloroethene	227	5.00	"	250	ND	90.6	57-141	3.09	20	

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

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
Batch 2022004 - Purge and Trap EPA 5030A										
Matrix Spike Dup (2022004-MSD1)		**Source: P005072-06**		Prepared & Analyzed: 05/27/20 1						
Chlorobenzene	252	5.00	ug/L	250	ND	101	70-130	2.26	20	
Ethylbenzene	266	5.00	"	250	ND	106	62-136	2.16	20	
1,1,1,2-Tetrachloroethane	241	5.00	"	250	ND	96.3	70-132	2.65	20	
p,m-Xylene	540	10.0	"	500	ND	108	65-135	1.81	20	
o-Xylene	258	5.00	"	250	ND	103	70-130	1.54	20	
Total Xylenes	798	5.00	"	750	ND	106	0-200	1.73	200	
n-Propyl Benzene	264	5.00	"	250	ND	106	63-139	3.27	20	
tert-Butylbenzene	265	5.00	"	250	ND	106	67-138	3.18	20	
1,4-Dichlorobenzene	255	5.00	"	250	ND	102	70-130	3.52	20	
1,2-Dibromo-3-chloropropane (DBCP)	251	25.0	"	250	ND	101	60-160	1.36	30	
1,2,3-Trichlorobenzene	218	25.0	"	250	ND	87.3	60-160	1.25	20	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*56.8*		*"*	*50.0*		*114*	*70-130*			
Surrogate: Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*70-130*			

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 my differ slightly.

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Analytical Laboratory

Enterprise Products	Project Name:	Lateral 2B-31 Hydrostatic Water Release	
614 Reilly Ave	Project Number:	97057-1097	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	05/29/20 11:12

Notes and Definitions

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.

Project Information | Chain of Custody | Page 1 of 1

Client: Enterprise
Project: Lateral 26-31 Hydrostatic Water Release
Project Manager: F.Aragon
Address:
City, State, Zip
Phone:
Email: Gcrabtree Admin Bhall Faragon Tknight

Report Attention
Report due by:
Email:
Address:
City, State, Zip
Phone:

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P005072	97057-1097					

State: NM X | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8260	Remarks
1040	5/21/20	A	3	Source	1	X	3-VOA w/ HCl
1051				W. of Source	2	X	
1105				Terminal	3	X	
1115				W. of terminal	4	X	
1132				Down Gradient #1	5	X	
1143				Down Gradient #2	6	X	
				trip blank	7	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: Blake

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
Blake Hall	5/21/20	1221	Alexa Michaels	5.21.20	12:25
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
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.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

APPENDIX D

Waste Disposal Doucmentation

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

97057-1099

Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

Invoicing Information
PayKeyRB21200
AFE: Pending

2. Originating Site:
Lateral 2B-31 Pipeline

3. Location of Material (Street Address, City, State or ULSTR):
UL P Section 19 T29N R10W; 36.705022, -107.916731

March 2020

4. Source and Description of Waste:
Source: Water and condensate from a hydro-static testing of a natural gas pipeline.
Description: Water and condensate from a hydro-static testing of a natural gas pipeline.
Estimated Volume 80 yd³ / (bbls) Known Volume (to be entered by the operator at the end of the haul) 8240 yd³ / (bbls)

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long (Thomas Long), representative or authorized agent for Enterprise Products Operating do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. ***Operator Use Only: Waste Acceptance Frequency*** ☒ ***Monthly*** ☐ ***Weekly*** ☒ ***Per Load***

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long (Thomas Long) 3-10-2020, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, Greg Crabtree, representative for Envirotech, Inc. do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: Triple S Trucking

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech, Inc. Soil Remediation Facility * Permit #: NM01-0011**
Address of Facility: **Hill Top, NM**
Method of Treatment and/or Disposal:
☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 3/10/2020

SIGNATURE: _____ TELEPHONE NO.: 505-632-0615
Surface Waste Management Facility Authorized Agent

APPENDIX E

Regulatory Correspondence

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Cabinet Secretary

Adrienne E. Sandoval
Director, Oil Conservation Division

March 12, 2020

Tom J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401
Transmitted via email: tjlong@eprod.com

Gregory Miller
Environmental Supervisor
Enterprise Products Company
PO Box 4324
Houston, Texas 77210-4324
Transmitted via email: GEMiller@eprod.com

RE: Request for Confirmation of Compliance with OCD Rule 19.15.29 NMAC Associated with an Unauthorized Release of Hydrostatic Test Fluid and Condensate During Pipeline Testing in Section 19 of Township 29 North, Range 10 West, NMPM (Latitude 36.705022, Longitude -107.916731), San Juan County, New Mexico.

Mr. Long,

The Oil Conservation Division (OCD) received preliminary notification March 10th regarding a release of hydrostatic test fluid and condensate into surface water at the location described above. Because the release affects a surface watercourse, it is considered a "major release" pursuant to 19.15.29.8 NMAC. Enterprise must take the following actions immediately or verify they have already been taken:

1. Stop the source of the release and limit access to the affected areas as necessary to protect human health and the environment;

2. Contain the materials released and prevent any further threat to public health and the environment along with regular monitoring to ensure the materials remain effectively contained;

3. Recover any released materials that can be removed and dispose of them in a proper manner at an OCD-approved facility; and

4. Commence remediation as soon as possible.

Please provide confirmation to the OCD within 24 hours, in writing, that the first and second actions are currently in process. Please provide updates as necessary, in writing, regarding the completion of the first and second actions, and the progress on the remaining actions.

Please provide written release notification (OCD form C-141) by end of business on Friday, March 13th. That submission must be filed using the OCD online portal, however, please also provide the OCD with a notification that the release notification has been submitted.

Before the close of business on Wednesday, March 18th please provide the OCD with the following:

a. A detailed description of the hydrostatic test fluid and condensate and any applicable SDS sheets;

b. A detailed lab analysis of the hydrostatic test fluid and condensate;

c. Analytical results of the water samples taken immediately after the release;

d. Analytical results of water samples taken in a nearby location that is not affected by the release;

e. The lateral extent of the affected area including persons, animals, and property;

f. A remediation plan; and

g. A detailed description of any immediate or long-term threats to human health or the environment.

In addition, the Division is evaluating the release and the potential for surface water impacts in the affected area and is sending a copy of this letter to the New Mexico Environment Department because of the potential for surface water impacts. Be advised that the agencies may require addition characterization work as a result of their review.

Please provide all requested information to Jim Griswold at *Jim.Griswold@state.nm.us* and to Cory Smith at Cory.Smith@state.nm.us. If you have any questions about this letter, please call Cory Smith at (505) 419-2687.

Respectfully,

Adrienne Sandoval
Director

cc: OCD Northern District
Rebecca Roose, NMED Water Protection Division Director
Shelly Lemon, NMED Surface Water Quality Bureau

From:	Long, Thomas
To:	"Smith, Cory, EMNRD (Cory.Smith@state.nm.us)"; Brandon Powell (brandon.powell@state.nm.us); Griswold, Jim, EMNRD
Cc:	Beyale, Renae
Subject:	Lateral 2B-31 - UL P Section 19 T29N R10W; 36.705022, -107.916731
Date:	Tuesday, March 10, 2020 4:16:00 PM
Attachments:	IMG_1812.JPG IMG_1808.JPG IMG_1810.JPG FLT YG Liquid.pdf

Cory/Jim,

The email is to notify you that Enterprise had a release of hydro-static water (potable water) and condensate today, March 10, 2020 at approximately 12:30 P.M. The hydro-static test was initiated March 7, 2020 when a pressure loss was observed. The test was subsequently terminated and Enterprise initiated a search for the release point. The release point could not be identified until today, March 10, 2020, after addition of a nontoxic tracer dye. The release was identified to be located in a swamp/marsh. The release is located on land at UL P Section 19 T29N R10W; 36.705022, -107.916731. I arrived onsite at approximately 1:30 p.m. to evaluate the release site. I notified NRC at approximately 2:30 p.m. (Report #1273189) at which time you arrived on site. Calculations of release volumes are pending. There is an approximate area on the water surface of 30 feet in diameter with a visible oily sheen. The green non-toxic dye encompasses an area of approximately 50 feet wide and 100 feet long.

As discussed onsite, Envirotech is mobilizing to the site to install booms downstream of the plume and to collect water samples. Enterprise is mobilizing a vacuuming truck to capture the sheen floating on the water at the approximate release point. Enterprise will continue response actions as necessary. I have attached the SDS for the tracer dye and some photos. 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

Enterprise Products

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

March 13, 2020

7019 0140 0000 4305 1384
Return Receipt Requested

Mr. Cory Smith
New Mexico Energy, Minerals & Natural Resources
Department – Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Lateral 2B-31 Unauthorized Release of Hydrostatic Test Fluid and Condensate
Incident Date: March 10, 2020
UL P Section 19 T29N R10W, 36.705022, -107.916731, San Juan County, New Mexico

Mr. Smith,

Enterprise Field Services, LLC ("Enterprise") is submitting this letter in response to the New Mexico Conservation Division (NMOCD), Request for Confirmation of Compliance the OCD Rule 19.15.29 NMAC letter dated March 12, 2020. NMOCD requested confirmation of the following by close of business March 13, 2020:

1. Stop the source of the release and limit access to the affected area as necessary to protect human health and the environment.

The hydrostatic test was initiated on March 7, 2020, when a pressure loss was observed and the test was immediately terminated. On March 10, 2020, Enterprise added the Kingscote Bright Dye® FLT Yellow/Green Liquid to potable water and pumped it into the Lateral 2B-31 pipeline to identify the rupture location. The rupture was identified to be located at UL P Section 19 T29N R10W, 36.705022, -107.916731, San Juan County, New Mexico. Pumping of the potable water and dye mixture was immediately terminated and the release location was secured.

2. Contain the materials released and prevent any further threat to public health and the environmental along with regular monitoring to ensure the materials remain effectively contained.

On March 10, 2020, Enterprise mobilized Envirotech, Inc. to install oil absorbent booms approximately 180 feet down stream of the source area to prevent migration of any hydrocarbon sheen. In addition, Envirotech, Inc. collected water samples for laboratory analysis at the direction of Enterprise and the onsite NMOCD representative for volatile organic hydrocarbons, poly aromatic hydrocarbons, total metals, dissolved metals, cation/anion and total dissolved solids.
Enterprise also mobilized a vacuum truck to remove the hydrocarbon sheen from the water surface on March 10, 2020. Additional removal/recovery efforts of the Kingscote Bright Dye® FLT Yellow/Green Liquid utilizing vacuum trucks continues and as of close of business on March 12, 2020, a mixture of approximately 1,040 barrels of water and dye has been recovered and properly disposed at a NMOCD approved facility.

P.O. BOX 4324
HOUSTON, TEXAS 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TEXAS 77002-5227
www.enterpriseproducts.com

If you have any questions or concerns, please feel free to contact Thomas Long at 505-599-2286 or Brian Stone at 970-263-3020.

Thank you,

Jon E. Fields
Director-Field Environmental

for Rodney M. Sartor
Senior Director Environmental

/bmh
CC: Mr. Jim Griswold
New Mexico Energy, Mineral & Natural Resources
Department – Oil and Gas Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

March 20, 2020

7019 0140 0000 4305 3241
Return Receipt Requested

Mr. Cory Smith
New Mexico Energy, Minerals & Natural Resources
Department – Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Lateral 2B-31 Unauthorized Release of Hydrostatic Test Fluid and Condensate
Incident Date: March 10, 2020
UL P Section 19 T29N R10W, 36.705022, -107.916731, San Juan County, New Mexico

Mr. Smith,

Enterprise Field Services, LLC ("Enterprise") is submitting an update to the New Mexico Oil Conservation Division (NMOCD), Request for Confirmation of Compliance with OCD Rule 19.15.29 NMAC letter dated March 12, 2020. NMOCD requested confirmation of the following by close of business March 13, 2020. Enterprise replied on March 13, 2020.

1. Stop the source of the release and limit access to the affected area as necessary to protect human health and the environment.

The hydrostatic test began on March 7, 2020. During the test, a pressure drop was observed and the test was immediately terminated. On March 10, 2020, Enterprise added the Kingscote Bright Dye® FLT Yellow/Green Liquid to potable water and pumped it into the Lateral 2B-31 pipeline to identify the rupture location. The rupture was located at UL P Section 19 T29N R10W, 36.705022, -107.916731, San Juan County, New Mexico. Pumping of the potable water and dye mixture was immediately terminated and the release location was secured.

2. Contain the materials released and prevent any further threat to public health and the environmental along with regular monitoring to ensure the materials remain effectively contained.

On March 10, 2020, Enterprise mobilized Enviortech, Inc. to install oil absorbent booms approximately 180 feet down stream of the source area to prevent migration of any hydrocarbon sheen. In addition, Enviortech, Inc. collected water samples for laboratory analysis at the direction of Enterprise and the onsite NMOCD representative for volatile organic hydrocarbons, poly aromatic hydrocarbons, total metals, dissolved metals, cation/anion and total dissolved solids.

P.O. BOX 4324
HOUSTON, TEXAS 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TEXAS 77002-5227
www.enterpriseproducts.com

Enterprise also mobilized a vacuum truck to remove the hydrocarbon sheen from the water surface on March 10, 2020. Additional removal/recovery efforts of the Kingscote Bright Dye® FLT Yellow/Green Liquid utilizing vacuum trucks has continued through of close of business on March 18, 2020. A total of 6,480 barrels of impacted water has been removed and disposed of at a NMOCD approved facility.

3. Recover any released materials that can be removed and dispose of them in a proper manner at an NMOCD approved land farm facility.

Enterprise mobilized a vacuum truck to remove the hydrocarbon sheen from the water surface on March 10, 2020. Additional removal/recovery efforts of the Kingscote Bright Dye® FLT Yellow/Green Liquid utilizing vacuum trucks has continued through of close of business on March 18, 2020. A total of 6,480 barrels of impacted water has been removed and disposed of at a NMOCD approved facility.

4. Commence remediation as soon as possible.

Enterprise mobilized contractors to install oil absorbent booms, collect water samples for laboratory analysis and remove water from the swamp/mash for proper disposal. Additional remediation options will be evaluated upon receipt of all water analytical data.

In addition, NMOCD requested the following information by close of business March 20, 2020.

A. A detailed description of the hydrostatic test fluid and condensate and any applicable SDS sheets.

Enterprise supplied NMCOD with the analysis for the hydrostatic test fluid, condensate and Kingscote Bright Dye® FLT Yellow/Green Liquid on March 10, 2020 and March 13, 2020.

B. A detailed lab analysis of the hydrostatic test fluid and condensation.

Enterprise supplied NMCOD with the analysis for the hydrostatic test fluid, condensate and Kingscote Bright Dye® FLT Yellow/Green Liquid on March 10, 2020 and March 13, 2020.

C. Analytical results of water samples collected immediately after the release.

Enterprise supplied NMCOD with the analysis for the hydrostatic test fluid, condensate and on March 10, 2020 and March 13, 2020.

D. Analytical results of water collected in a nearby location that was not affected by the release.

Envirotech, Inc. collected a water sample from a location upstream of the release location on March 13, 2020.

E. The lateral extent of the affected area including, animals and property.

The nearby property owners have been contacted by Enterprise Operations and Land Department. The western property owner granted Enterprise access to his property, allowing water trucks to remove water from the swamp/marsh. The swamp/marsh that was affected by the release is utilized for irrigation. No other properties were affected. Currently, no property owners are irrigating. No animals were affected by this release.

F. A remediation plan.

Enterprise's current plan is to continue water removal for the swamp/marsh and evaluate the analytical results from the March 18, 2020 sampling event. Upon receipt and review of all analytical results, Enterprise will submit a formal remediation plan per NMAC 19.15.29, if required.

G. A detail description of the long term threats to human health or the environment.

Enterprise cannot evaluate the long term threats to human health and the environment, until additional water samples are collected, all analytical data is received, reviewed and an evaluation of the release site by a marine biologist or ecologist is completed. Enterprise requests a time extension of 120 days to execute these items.

If you have any questions or concerns, please feel free to contact Thomas Long at 505-599-2286 or Brian Stone at 970-263-3020.

Thank you,

Jon E. Fields
Director, Field Environmental

Rodney M. Sartor
Senior Director, Environmental

/bjm
Attachments

cc: Mr. Jim Griswold, New Mexico Energy, Mineral & Natural Resources Department – Oil and Gas Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505

Table 1, Sumamry of Water Analytical Results
Enterprise Products
Lateral 2B-31
Project #97057-1097
March 2020

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Pollutant Level	Sample Date: March 11, 2020				March 12, 2020	Sample Date: March 13, 2020						
		Sample Description											
		West of Terminal	Terminal	West of Source	Source	TRC truck TK26	West of Terminal (Sample #2)	Terminal (Sample #2)	West of Source (Sample #2)	Source (Sample #2)	Downgradiant 1	Downgradiant 2	Upstream
	mg/l												
Volatile Organic Compounds (VOC) EPA Method 8260B													
1,1,1-Trichloroethane	0.200	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002
1,1,2-Trichloroethane	0.005	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002
1,1,2,2-Tetrachloroethylene	0.005	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002
1,1-Dichloroethane	0.025	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002
1,1-Dichloroethylene (Dichloroethene)	0.007	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.005	<0.002	<0.002
1,2,4-Trichlorobenzene	0.070	<0.005	<0.005	<0.025	<0.025	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
1,2-Dibromoethane (EDB)	0.000	<0.0025	<0.0025	<0.0125	<0.0125	<0.0054	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.005
1,2-Dichlorobenzene	0.600	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
1,2-Dichloroethane	0.005	<0.001	<0.001	0.0311	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
1,2-Dichloropropane	0.005	0.00113	0.00138	0.0054	0.0148	<0.002	0.0011	0.0014	0.0026	0.0092	<0.001	<0.001	<0.002
1,4-Dichlorobenzene	0.075	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Benzene	0.005	0.0585	0.0911	1.15	0.662	0.0586	0.0105	0.0029	0.0378	0.0969	0.0033	0.0035	<0.002
Carbon tetrachloride	0.005	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Chloroform	0.100	<0.010	<0.010	<0.050	<0.050	0.0395	<0.010	<0.010	<0.050	<0.050	<0.010	<0.010	<0.02
cis-1,2-Dichloroethene	0.070	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Ethylbenzene	0.700	0.0121	0.0156	0.100	0.192	0.00914	0.0045	0.0156	0.0158	0.0425	0.0011	0.0017	<0.002
Methylene Chloride	0.005	<0.005	<0.005	<0.025	<0.025	<0.010	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.01
Tetrachloroethylene/ethene (PERC)	0.005	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	1.000	0.116	0.151	2.78	3.24	0.149	0.0542	0.0872	0.1890	0.4000	0.0064	0.0071	<0.002
trans-1,2,Dichloroethene	0.100	<0.002	<0.002	<0.010	<0.010	<0.004	<0.002	<0.002	<0.010	<0.010	<0.002	<0.002	<0.004
Trichloroethylene/ene (TCE)	0.005	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	0.002	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Methyl tert-Butyl Ether (MTBE)	0.100	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Styrene	0.100	<0.001	<0.001	<0.005	<0.005	<0.002	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.002
Xylenes (Total)	0.620	0.143	0.18	1.1	2.14	0.0743	0.5250	0.1490	0.1750	0.3720	0.0160	0.0274	<0.002
Semi-Volatile Organic Compounds (SVOCs) EPA Method 8270C													
Benzo-a-pyrene	0.0002	<0.001	<0.001	<0.001	<0.001	<0.001	NS	NS	NS	NS	<0.001	<0.001	<0.001
Pentachlorophenol	0.001	<0.01	<0.01	<0.01	<0.01	<0.01	NS	NS	NS	NS	<0.001	<0.001	<0.01
Phenol	0.005	<0.01	<0.01	<0.01	<0.01	<0.01	NS	NS	NS	NS	<0.001	<0.001	<0.01

Table 1, Sumamry of Water Analytical Results
Enterprise Products
Lateral 2B-31
Project #97057-1097
March 2020

NMWQCC (20.6.2.3103, NMAC) Contaminants of Concern	Pollutant Level	Sample Date: March 11, 2020				March 12, 2020	Sample Date: March 13, 2020						
		Sample Description											
		West of Terminal	Terminal	West of Source	Source	TRC truck TK26	West of Terminal (Sample #2)	Terminal (Sample #2)	West of Source (Sample #2)	Source (Sample #2)	Downgradiant 1	Downgradiant 2	Upstream
		mg/l											
Polynuclear Aromatic Hydrocarbons (PAH) EPA Method 8260 B and 8270C													
1-Methylnaphthalene	*0.030*	<0.010	<0.010	<0.050	<0.050	<0.020	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.020
2-Methylnaphthalene		<0.010	<0.010	<0.050	<0.050	<0.020	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.020
Naphthalene		<0.005	<0.005	**0.00203**	**0.00652**	<0.001	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.010
Pyrene	*1000 000*	NA	NA	NA	NA	NA	NA	NA	NA	NA			
RCRA 8 Metals (EPA Method 6010C/7471B)													
Arsenic	*0 010*	<0.02	<0.02	<0.02	<0.02	<0.02	NS	NS	NS	NS	<0.02	<0.02	<0.02
Barium	*2 000*	<0.250	<0.250	<0.250	<0.250	<0.250	NS	NS	NS	NS	<0.250	<0.250	**0.2710**
Cadmium	*0.005*	<0.01	<0.01	<0.01	<0.01	<0.01	NS	NS	NS	NS	<0.01	<0.01	<0.01
Chromium	*0.050*	<0.02	<0.02	<0.02	<0.02	<0.02	NS	NS	NS	NS	<0.02	<0.02	<0.02
Lead	*0.015*	<0.01	<0.01	<0.01	<0.01	<0.01	NS	NS	NS	NS	<0.01	<0.01	<0.01
Mercury	*0.002*	<0.0002	<0.002	**0.0002**	**0.00086**	0.0364	NS	NS	NS	NS	<0.0002	<0.002	<0.0002
Selenium	*0.050*	<0.05	<0.05	<0.05	<0.05	<0.05	NS	NS	NS	NS	<0.05	<0.05	<0.05
Silver	*0 050*	<0.01	<0.01	<0.01	<0.01	<0.01	NS	NS	NS	NS	<0.01	<0.01	<0.01
Iron*	*1 000*	<2.0	<2.0	<2.0	<2.0	<2.0	NS	NS	NS	NS	<2.0	<2.0	**4.2900**
TDS Anions (EPA Method 300.0/9056A)													
Chloride	*250 000*	**10.9**	**10.8**	**14.7**	**11.2**	**20**	NS	NS	NS	NS	**10.90**	**10.90**	**13.10**
TDS	*1000 000*	2,240	2,190	1,950	2,140	**215**	NS	NS	NS	NS	2110.00	2140.00	2060.00
Sulfate	*600.000*	1,200	1,190	1,070	1,150	**45.8**	NS	NS	NS	NS	1130.00	1160.00	1180.00
Nitrite	*1 000*	<1.25	<1.25	<1.25	<1.25	<1.25	NS	NS	NS	NS	<1.25	<1.25	<1.25
Flouride	*1.600*	<1.25	<1.25	<1.25	<1.25	<1.25	NS	NS	NS	NS	<1.25	<1.25	<1.25
Nitrate	*10.000*	<1.25	<1.25	<1.25	<1.25	<1.25	NS	NS	NS	NS	<1.25	<1.25	<1.25

BOLD- above laboratory detection limits RED - above applicable regulatory standard; * - Dissolved Iron

NS: Parameter Not Analyzed


Source
West of Source
West of Terminal
Terminal
Down gradient 1
Down gradient 2
Google Earth

From: Long, Thomas
To: "Smith, Cory, EMNRD (Cory.Smith@state.nm.us)"
Cc: Stone, Brian; Miller, Greg; Brandon Powell (brandon.powell@state.nm.us); Fields, Jon
Subject: FW: Unauthorized release of Hydrostatic Test Fluid and Concensate
Date: Thursday, March 26, 2020 12:59:00 PM
Attachments: Summary of Analytical Results.pdf

Cory,

This email is an update to the response actions at the Lateral 2B-31 release site. As discussed on the phone, below is the language I was referencing in the regulations. I have attached an updated table referencing the older standards. I can also send the laboratory reports if you need them. The benzene standard of 10 ppb should still be applicable for this release.

20.6.2.3103

D. For purposes of application of the amended numeric standards for arsenic, cadmium, lead, combined radium-226 & radium-228; benzene, PCBs, carbon tetrachloride, EDC, PCE, TCE, ethylbenzene, methylene chloride, EDB, 1,1,2-trichloroethane and benzo-a-pyrene, to past and current water discharges (as of July 1, 2017), the new standards will not become effective until July 1, 2020. With regard to sites for which the secretary has approved an abatement completion report as of the effective date of this rule pursuant to 20.6.2.4112 NMAC, the amended numeric standards for arsenic, cadmium, lead, combined radium-226 & radium-228; benzene, PCBs, carbon tetrachloride, EDC, PCE, TCE, ethylbenzene, methylene chloride, EDB, 1,1,2-trichloroethane and benzo-a-pyrene shall not apply unless the secretary notifies the responsible person that the site is a source of these contaminants in ground water that pose a hazard to public health.

As of March 24, 2020, all contaminants of concern are below NMWQCC standards. The ecological assessment was completed by SME out of Durango, CO on March 25, 2020. Enterprise is awaiting completion of the assessment report and will include it in the final corrective action report.

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: Friday, March 20, 2020 9:52 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

Coy,

Please find the attached response letter for the unauthorized release of hydrostatic test fluid and condensate. This will also be mailed via the U.S mail. 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: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, March 18, 2020 8:22 AM
To: Long, Thomas <tjlong@eprod.com>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

Tom,

OCD approves the Extension request till Friday March 20, 2020.

Please keep me informed if anything changes thank you for your continued effort.

Cory

From: Long, Thomas <tjlong@eprod.com>
Sent: Wednesday, March 18, 2020 8:20 AM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: [EXT] FW: Unauthorized release of Hydrostatic Test Fluid and Concensate

Cory,

We have not received all the analytical results from the contactors. Enterprise requests extension until Friday, March 20, 2020 to compile all the required data. Please acknowledge acceptance of this request. 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

Enterprise Products

From: Long, Thomas
Sent: Tuesday, March 17, 2020 12:18 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>; Brandon Powell (brandon.powell@state.nm.us) <brandon.powell@state.nm.us>
Subject: RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

Cory/Brandon,

This is a update to the response action at the Lateral 2B-31 release site. We continued pumping water from the marsh/swamp through the weekend, yesterday and will through today. Envirotech collected another round of samples and we are awaiting analysis. As per our phone conversation earlier, with the recent events, and the recommended federal social distancing practices, Enterprise requests a 30 day extension to Items E-G of the Request for Confirmation of Compliance Letter dated March 12, 2020. Enterprise has already completed Items A-D from previous emails. Please acknowledge if the request is acceptable. 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

Enterprise Products

From: Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Sent: Friday, March 13, 2020 10:39 AM
To: Long, Thomas <tjlong@eprod.com>
Cc: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Miller, Greg <GEMiller@eprod.com>; Fields, Jon <JEFIELDS@eprod.com>; Stone, Brian <bmstone@eprod.com>
Subject: RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

Thank you Tom. Please keep Cory as your main point of contact going forward.

Brandon Powell
Office: (505) 334-6178 ext. 111
"He who wishes to gain knowledge is wiser than he who thinks he has knowledge (unknown)"

From: Long, Thomas <tjlong@eprod.com>
Sent: Friday, March 13, 2020 10:36 AM
To: Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Cc: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Miller, Greg <GEMiller@eprod.com>; Fields, Jon <JEFIELDS@eprod.com>; Stone, Brian <bmstone@eprod.com>
Subject: [EXT] RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

Brandon,

Please find the attached response letter for you Request for Confirmation Compliance with OCD Rule 19.12.29 NMAC. A hard copy is also being sent via U.S mail. In addition, Enterprise submitted the initial C-141 today, March 13, 2020, as required. Please feel free to call me if you have any questions, concerns or need additional information.

Sincerely,

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

Enterprise Products

From: Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Sent: Thursday, March 12, 2020 2:29 PM
To: Long, Thomas <tjlong@eprod.com>; Miller, Greg <GEMiller@eprod.com>
Cc: Roose, Rebecca, NMENV <Rebecca.Roose@state.nm.us>; Lemon, Shelly, NMENV <Shelly.Lemon@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Sandoval, Adrienne, EMNRD <Adrienne.Sandoval@state.nm.us>; Ames, Eric, EMNRD <Eric.Ames@state.nm.us>
Subject: Unauthorized release of Hydrostatic Test Fluid and Concensate

Good afternoon Tom,

Please see the attached letter and comply accordingly. If you have any questions please contact Cory Smith.

Thank You

Brandon Powell
District III Supervisor
New Mexico Oil Conservation
Office: (505) 334-6178 ext. 111

"He who wishes to gain knowledge is wiser than he who thinks he has knowledge (unknown)"

From: Long, Thomas
To: Tami Knight
Subject: FW: Unauthorized release of Hydrostatic Test Fluid and Concensate
Date: Wednesday, May 20, 2020 3:30:22 PM

FYI

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

Enterprise Products

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, May 20, 2020 2:13 PM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: [EXTERNAL] RE: Unauthorized release of Hydrostatic Test Fluid and Concensate

[Use caution with links/attachments]
Tom,

Quickly looking over the report, I think another sampling event showing consecutive clean samples is needed.

I think it would also be a good idea to pull some more information from the Biologist report, the only thing mentioned was no signs of impacts etc? Did he make any determination if there is any potential for impacts based the elevated benzene limits etc? any aquatic life etc.

Thanks.

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: Wednesday, April 29, 2020 4:00 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: [EXT] FW: Unauthorized release of Hydrostatic Test Fluid and Concensate

Cory,

As per our conversation earlier, please find the attached report for the Lateral 2B-31 release site. Since this release is a little out of the ordinary, please let me know if you think there is anything else required to close this site.

Thomas J. Longf

APPENDIX F

SME Biological Assessment Report

ENVIRONMENTAL CONSULTANTS

March 26, 2020

Tami C. Knight, CHMM
Envirotech, Inc.
5796 US Highway 64
Farmington, NM 87401

RE: Enterprise Field Services, LLC, Lateral 2B 31 Pipeline Hydrostatic Test Release

Dear Ms. Knight,

On your request, SME conducted a site reconnaissance of a pipeline spill cleanup site to determine the degree of impacts to vegetation as a result of the spill and subsequent clean-up efforts. The field visit was conducted on March 25, 2020 by Mr. Nathan Kirker. It is SME's understanding that the pipeline carries natural gas, and the primary spill response was to clean-up dye infused potable water that was released when detecting the location of the leak. The site of the release is in a cattail marsh with 0.5-2 feet of stagnant/slow moving water and areas of open water. Mr. Kirker did not observe any dye or hydrocarbon slicks in the area of the site clean-up during the field visit. As no obvious remnants of the spill were observed, it is SME's opinion that impacts to vegetation within and adjacent to the cattail marsh as a direct result of the release are likely negligible. SME did not conduct water sampling to verify the degree of impacts to water quality within the marsh or the potential long-term impacts to vegetation. The results of water sampling conducted by other contractors may provide additional information that should be used to determine if additional remediation within the marsh is necessary. Clean-up efforts within the marsh resulted in the scouring of two small (<6 square feet each) depressions within the marsh. The locations appear to have been in mostly open water areas. This may have removed a few cattails or their roots, but again, the impact is relatively negligible.

The primary impacts to vegetation observed by Mr. Kirker were limited to vegetation trampling and rutting that resulted from personnel and heavy truck (presumably hydro-excavator/vacuum trucks) traffic. Personnel trampling along the fringe of the marsh was minor but did result in two small (<20 square feet total) patches of bare soils. Truck traffic resulted in the greatest degree of vegetation impacts. These impacts were confined to a grassy meadow north of the cattail marsh. Truck traffic impacts were primarily in areas with moist soils that resulted in rutting and exposure of bare soils. Elsewhere, on drier soils, truck traffic resulted in minor trampling of dormant grasses. The truck trafficked areas originated from the terminus of a previously graveled driveway area off of Road 4997. Beyond the graveled area, truck traffic impacted (trampled and rutted) approximately 4576 square feet (0.11 acre) of grassy meadow. The total area of bare soils resulting from rutting was estimated at approximately 1520 square feet (0.03 acre).

Figure 1. Rutted Area

Figure 2. Trampled Area

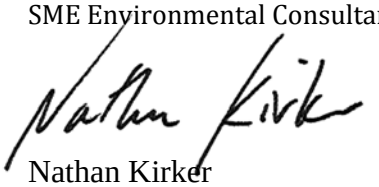
Vegetation within the grassy meadow was primarily composed of salt grass (*Distichlis spicata*) (80% of vegetation), rabbitbrush (*Ericameria nauseosa*) (15%), and kochia (*Bassia scoparia*) (5%). No impacts to rabbitbrush were observed. Overall vegetative cover in the meadow was estimated to be 75% and appeared to be uniform outside of areas impacted by truck traffic. Based on the extent of bare ground resulting from rutting in the trafficked areas, overall vegetative cover in the trafficked areas (rutted and trampled) is estimated to be approximately 50%. Therefore, current vegetative cover within the areas disturbed by the clean-up effort is approximately 67% of the pre-existing vegetative cover.

Reclamation of the disturbed areas could be completed by blading out the rutted areas and reseeding. This is likely to result in more surface disturbance than currently exists and would remove salt grass root structure. This could slow regeneration of the existing vegetation and would increase the area for invasive weeds to establish. As the disturbance occurred when the grasses were dormant, and as salt grass is a perennial species that generates from rhizomes, SME recommends that the site be allowed to regenerate on its own or with the help of seeding with a warm season, alkali tolerant grass this spring. Given that the overall vegetative cover in the disturbed area is relatively high, regeneration may be sufficient to achieve success criteria for vegetative cover.

These observations and recommendations are based on a cursory field visit and represent conditions observed at the time. Field conditions can change, and SME makes no guarantee to the information provided. Please feel free to contact me with any questions or comments.

Regards,

SME Environmental Consultants



Nathan Kirker
Biologist
(o) 970-403-0583, (c) 970-946-9899, (f) 970-259-0050, nkirker@sme-env.com

Enclosures

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ENVIRONMENTAL CONSULTANTS

May 26, 2020

Mr. Thomas J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401

RE: Enterprise Field Services, LLC, Lateral 2B 31 Pipeline Hydrostatic Test Release Water Quality Brief

Dear Mr. Long:

This memo is in follow-up to the March 26, 2020 memo provided to you summarizing the results of a field analysis conducted by SME to determine the degree of impacts to vegetation as a result of the March 10, 2020 Lateral 2B 31 Pipeline hydrostatic test release and subsequent clean-up efforts. At the time, SME only evaluated physical impacts to vegetation; no indications of chemical impacts to vegetation were observed and results of water quality testing were not available to SME. Subsequent to the March 26 memo, water quality sampling results have indicated higher than background concentrations of some hydrocarbon analytes, most notably benzene. Upon review of this information, the New Mexico Oil Conservation Division has requested additional information on potential spill impacts. Specifically, Mr. Cory Smith has asked if there is any potential for impacts to aquatic life as a result of elevated benzene limits. The purpose of this memo is to address this question by briefly contextualizing the benzene water quality data.

Benzene is a volatile aromatic hydrocarbon which is widespread in the ecosystem due to burning of fuels and leakage or spillage of petroleum fuels. Benzene concentrations in the environment rarely exceed 1 ppm (part per million, equivalent to 1 mg/L) unless in the immediate vicinity of industrial or petrogenic point sources.[1] If released into water, environmental fate processes result in rapid removal from the water column by evaporation (half-life of five hours) and volatilization (half-life of 2.7 hours).[2] Benzene can be degraded by aerobic biodegradation (half-life of 33 to 384 hours), anaerobic biodegradation (half-life of 28 to 720 days), and photolysis (half-life of 17 days to 36.6 years).[2] With a logarithmic octanol-water partition coefficient (Kow) of 2.1, benzene is not expected to concentrate in aquatic organisms or to significantly adsorb to sediments.[2]

Acute toxicity from benzene in aquatic species has been studied and can be expressed in various ways. Most commonly, toxicity can be expressed as the environmental concentration (or dose) at which 50% of individuals observed die in a given period of exposure (e.g. LC_{50}, LD_{50}). Acute toxicity in plankton and algae can be expressed as the concentration at which an effect (slowed growth rate, immobilization) is observed in 50% of individuals in a given period of exposure (e.g. EC_{50}). Toxicity can also be expressed at the lowest levels at which toxicity is observed (e.g.

Lowest Observed Adverse Effect Level (LOAEL)) and the highest levels at which no effects of toxicity are observed (e.g. No Observed Effect Concentration (NOEC), Predicted Non-effect Concentration (PNEC)).

The EPA[3] reports that benzene can be acutely toxic to fish at levels as low as 5.3 mg/L (rainbow trout, LC_{50}), to freshwater zooplankton at as low as 203 mg/L (water flea (*Daphnia magna*), EC_{50}), and to algae at as low as 525 mg/L (green algae (*Chlorella vulgaris*), 48-hour EC_{50}).

The Canadian Council of Ministers of Environment[2] reports that benzene can be acutely toxic to the northern leopard frog at 3.7 mg/L (fertilization of eggs to 4 days post hatch, 9-day LC_{50}) and that the LOAEL for the frog is 0.4 mg/L (7-day EC_{20}).

The European Chemicals Agency[4] reports that:

- The short-term (96-hour) LC_{50} is 5.3 mg/L for rainbow trout (*Oncorhynchus mykiss*).
- The long-term (32-day) NOEC is 0.8 mg/L for fathead minnow (*Pimephales promelas*).
- The short-term (48-hour) EC_{50} is 10 mg/L for water flea (*Daphnia magna*).
- The long-term (7-day) NOEC is 3 mg/L for water flea (*Ceriodaphnia dubia*).
- The 72-hour EC_{50} is 100 mg/L and the 72-hour NOEC is 34 mg/L based on growth rate of *Selenastrum capricornutum* (an algae).
- The 24-hour IC_{50} for the inhibition of nitrification by microorganisms is 13 mg/L.

The European Union recognizes 1.9 mg/L as the PNEC for benzene for freshwater aquatic organisms in the case of intermittent releases (non-chronic exposures)[4].

The highest observed concentrations of benzene in the release site and vicinity were 1.15 mg/L on March 10, 0.0969 mg/L on March 13, 0.0088 mg/L on March 19, and 0.00649 mg/L on March 24. As expected, concentrations of benzene declined likely in part due to environmental fate processes described above. Short term benzene levels (max 1.15 mg/L in the first three days) do not appear to have reached levels high enough to significantly impair aquatic life. Due to the 99% decrease in benzene levels over the first 9 days post release, it does not appear that there are any significant long-term toxicity risks to aquatic life.

Based on the referenced representative species data provided above, it appears that amphibians may be most sensitive to benzene toxicity, and toxicity is most detrimental to reproduction. Amphibians that may occur in the release site vicinity include northern leopard frog, bull frog, chorus frog, and Woodhouse's toad. These species begin breeding in April (or later) and no frogs or toads were heard calling during the March 25, 2020 SME field visit. Therefore, it is unlikely that the highest concentrations of benzene coincided with or would affect amphibian reproduction.

Loss of wildlife as a result of toxicity appears to be unlikely due to the low levels reported. Due to inherent limits in testing, timing, and other variables found outside of laboratory conditions, the chance that the pipeline release may have been lethal to a very small number of aquatic wildlife cannot be ruled out. Initial water quality data was collected the same day of the release; however, hours may have passed between the release and the collection of samples. The data would suggest that levels high enough to kill wildlife, if present, would have been very localized (the immediate

point of release) and very brief (at and just following the release). The chance that benzene levels were acutely lethal and that one or a few individuals of sensitive species such as frogs or toads happened to be in that area at that time is presumed to be low. By comparison, pumping of the released fluids may have provided as much of a threat to wildlife as the release itself as aquatic organisms may have been pumped out of the wetland, with the pumping and disposal activities leading to mortality.

The analysis and presumptions provided herein are based on a brief review of the water quality data provided to SME by Enterprise and a review of publicly available references. SME was not present during remediation of the release and did not conduct field observations with the intent to analyze toxic impacts to aquatic life. Based on these limitations, SME makes no guarantee to the information provided. Please feel free to contact me with any questions or comments.

Regards,

SME Environmental Consultants

Nathan Kirker
Biologist
(o) 970-403-0583, (c) 970-946-9899, (f) 970-259-0050, nkirker@sme-env.com

References:
1 - J.R. Kuykendall, Benzene, in Encyclopedia of Ecology, 2008.
2 - Nagpal, N. K., Ambient water quality guidelines for Benzene: overview Report, British Columbia Ministry of Environment, 2007.
3 - US Environmental Protection Agency, Ambient Water Quality Criteria for Benzene, 1980.
4 - EU European Chemicals Agency, Benzene Ecotoxicological Summary.

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

CONDITIONS

Action 10792

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 10792
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/17/2022