



REMEDIATION WORK PLAN

N LINE LEAK

API No. 30-025-35251

(Closest Well: TMBR/SHRP 21 FEDERAL COM #001)

TRACKING #: NRM2006235833

**U/L: F, SECTION 21, TOWNSHIP 18S, RANGE 32E
LEA COUNTY, NEW MEXICO**

April 9, 2020

Prepared by:





March 31, 2020

New Mexico Energy, Minerals & Natural Resources
NMOCD District I
C/O: Mike Bratcher, Robert Hamlet & Victoria Venegas
1625 N. French Drive
Hobbs, NM 88240

Bureau of Land Management
C/O Jim Amos & Art Arias
620 E. Green Street
Carlsbad, NM 88220

DCP Midstream
C/O Stephen Weathers & Jordan Britain
5301 Sierra Vista
Carlsbad, NM 88220

Subject: Remediation Work Plan – N Line Leak

To Whom it May Concern,

DCP Midstream has retained Hungry Horse to address the potential environmental impact for the site detailed herein.

Background

This site is located 35 miles northeast of Carlsbad New Mexico, just east of Highway 126 in Lea County. On February 28th of 2020, the release was located and called into the BLM and the NMOCD on same said date at approximately 5:31p.m. The cause of the release was due to the line being corroded. The line was immediately isolated and the leak was stopped. The C141 was submitted online and approved by the NMOCD on 3/3/20. The Permitting Number assigned was NQ39C-200303-C-1410 with a Release Tracking No. of NRM2006235833. Approximately 75bbls of oil was released with no recovery of fluids due to the sandy loom soils not being accessible by use of a vacuum truck. Two separate release areas were found during the original site inspection.

Hungry Horse mapped out the entire area of impact including the saturated area along with the spray area, measured 30,004.16 Sq. Ft. During the site visit it was approved by Art Arias with the BLM to use Micro-blaze on the affected spray area. The original impacted pooling area measured as indicated below:

Area #1 – 5817.60 Sq. Ft.

Area #2 – 1511.20 Sq. Ft.

Archaeological Survey

Due to a possible Archaeological Area, Aaron Whaley with the BLM was contacted. Jeffrey Pangburn with APAC was then retained to conduct an Arch Survey. At this time members of DCP, Hungry Horse, BLM (Art Arias) and APAC, met on site to discuss not only the survey but proper remediation concerns for this site. To allow access for the remediation, a temporary access road would be installed and a 75' x 75' work area will be placed within the survey area surrounding the western most release area. The temporary access road will be parallel to the existing DCP pipeline ROW and will be reclaimed upon completion of the current remediation activities. During the Arch Survey that was conducted by APAC, there was one isolated manifestation in the survey area. This artifact is a rhyolite core reduction flake. No additional materials were located and this isolated manifestation will not need to be avoided for the remediation actions needed to mitigate this accidental release. The discussed plan with the BLM will not impact this artifact in anyway. The proposed project area crosses through a coppice dune field. This area is relatively flat with some low hills. Impacts to the proposed project area include an existing buried pipeline and surface flowlines. The survey area of the proposed project is plotted and attached in the Archaeological Project Map and Report.

The additional narrative found in the APAC reports states the following:

The proposed ROW for the temporary access road ROW was surveyed with a 200' (+/-) wide corridor on the marked right-of-way. The impacted area for the proposed ROW is estimated to be 50' (+/-) wide corridor centered on the marked right-of-way. The proposed accidental release areas were surveyed with a series of parallel transects spaced 15-meter intervals covering the proposed survey area. The cultural investigation was conducted by means of a pedestrian survey, which one field person, walking at 15-meter intervals for 100% coverage of the survey area. This survey was designed to meet, but not limited to, the requirements detailed in the BLM Manual Supplement H-8100-1 New Mexico, Oklahoma and Texas, Procedures for Performing Cultural Resources Fieldwork on Public Lands in the area of New Mexico BLM Responsibilities 2002. The authority for these standards comes in part from Section 106 of the National Historic Preservation Act of 1966, the Antiquities Act of 1906 and the Historic Sites Act of 1935, along with the additional federal and state laws for preserving and protecting cultural resources.

Site Characterization

The Topography for this site suggests low hills within a coppice dune field. The site-specific natural vegetation is of mesquite, broom snake weed, yucca, drop grass seed and various other desert cacti, grasses and forbes. The soil is made up of gently undulating and rolling, deep and sandy soils.

Groundwater Information

Hungry Horse, LLC conducted a ground water study of the area in question. It has been determined that according to the New Mexico Office of the State Engineer, the average depth of ground water is 460' bgs (below ground surface). The wells found during the groundwater search are listed below:

CP 00677 – 3079' from site with no ground water data

CP 00672 – 3391' from site with DGW @ 430' bgs

CP 006723 CLW475398 – 3391' from site with DGW @ 460' bgs

CP 00566 POD1 – 4674' from site with DGW at 65' bgs

The CP 00672 water well shows to be 3391' from the N-Line Leak and is listed as the closest well to the site. With the data collected during the groundwater research, there is verifiable records of groundwater in the vicinity to the site mentioned herein. Specific water well data is shown in the groundwater section of this report. Therefore, no eminent danger of groundwater impact is found at this site.

The Closure Criteria for Soils Impacted by a Release is found in the below groundwater chart, based on groundwater depth of 430' bgs, this site falls under the >100 Ft. Closure Criteria for Soils NMAC 19.15.29.

Closure Criteria for Soil NMAC 19.15.29			
Depth	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0 OR SM4500 CL B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method	2,500 mg/kg
	GRO + DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Karst Criteria

The Karst Mapping data found for this site is located inside the low marked area. When the site was delineated, it was fully delineated to meet the BLM and NMOCD Standards for Karst Areas. Please see the Karst Map that is attached to this report.

Site Delineation

After the Arch Survey was cleared by the BLM, Hungry Horse began to construct and lay the access road into the leak area with also adding a "landing pad" for use of stockpiling impacted material on a 20mil polyurethane liner as well as having a turn around area for loading trucks. This area was completed on March 13th of 2020.

Area "1"

At this time, Hungry Horse began to remove the highly saturated soil from the surface to safely begin to delineate the impacted area of the release. Soil was field tested for chloride using the titration method and a PID meter was also used to indicated concentrations of BTEX.

Soil samples were first obtained on the main release point known as "Area 1", samples were taken from five sample points by use of a track-hoe in 2' intervals. Below you will find the surface field sample results once the saturated soil was removed and stockpiled.

SP ID	DEPTH	TITRATION	PID	SOIL
SP1	SURF	1840	5000+	SAND
SP2	SURF	560	5000+	SAND
SP3	SURF	1760	5000+	SAND
SP4	SURF	1280	5000+	SAND
SP5	SURF	240	5000+	SAND

At this time further delineation of "Area 1" began. As seen in the sample chart below, SP1 cleaned up at 16'bgs, SP2 was excavated to 28'bgs (final extended depth of track-hoe), which still showed to have volatiles in soil, SP3 cleaned up at 12'bgs, SP4 cleaned up at 16'bgs and SP5 cleaned up at 12'bgs. Below you will find the sample chart of the delineation depths. Each bottom hole sample (in yellow) was taken to Envirotech Analytical Laboratory for confirmation.

SP ID	Depth	Titr	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SP 1	SURF	1840	5000+						
	2'	3360	5000+						
	4'	320	5000+						
	6'	240	5000+						
	8'	240	3000+						
	10'	240	2000+						
	12'	240	1500+						
	14'	160	300						
	16'	160	0	ND	ND	ND	ND	ND	35.4

SP 2	SURF	560	5000+						
	2'	640	5000+						
	4'	4000+	5000+						
	6'	4000+	5000+						
	8'	4000+	5000+						
	10'	320	5000+						

	12'	320	5000+						
	14'	160	5000+						
	16'	320	5000+						
	18'	160	5000+						
	20'	160	5000+						
	22'	160	5000+						
	24'	160	5000+						
	26'	160	3000+						
	28'	160	3000+	0.952	1710	677	28.3	2415.3	ND
SP 3	SURF	1760	5000+						
	2'	2800	5000+						
	4'	2000	5000+						
	6'	4000+	5000+						
	8'	640	2000						
	10'	400	300						
	12'	400	0	ND	ND	ND	ND	ND	ND
SP 4	SURF	1280	5000+						
	2'	3040	5000+						
	4'	240	5000+						
	6'	320	5000+						
	8'	720	5000+						
	10'	320	5000+						
	12'	160	2500+						
	14'	160	600						
	16'	160	100	ND	ND	ND	ND	ND	31.9
SP 5	SURF	240	5000						
	2'	320	4500						
	4'	320	4000						
	6'	320	3000						
	8'	240	2000						
	10'	160	300						
	12'	160	0	ND	ND	ND	ND	ND	ND

Sidewall field samples were then obtained to show horizontal extent. The sidewall samples were taken in 1' intervals by use of track-hoe. Based on the original impacted area of "Area 1" which measured 5817.60 Sq. Ft., sidewall samples were obtained as indicated in the below sampling chart.

SP ID	Depth	Titr	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SW 1	1'	1040	5000+						
	2'	960	5000+						
	3'	880	5000+						
	4'	720	5000+						
	5'	560	5000+						
	6'	480	5000+						
	7'	880	5000+						
	8'	560	2000						
	9'	480	1000						
	10'	480	0	ND	ND	ND	ND	ND	ND
SW 2	1'	480	5000+						
	2'	720	5000+						
	3'	640	2000						
	4'	480	600						
	5'	240	10	ND	ND	ND	ND	ND	ND
SW 3	1'	320	700						
	2'	400	30	ND	ND	ND	ND	ND	ND
SW 4	1'	2160	3000						
	2'	480	700						
	3'	400	40	ND	ND	ND	ND	ND	ND

Area 1 then measured with the area of impact of 8928.76 Sq. Ft. Please see attached map for details.

Immediately following the delineation of "Area 1", the second release area known as "Area 2" was then fully delineated both horizontally and vertically. Again, field samples were tested for chloride using the titration method and a PID meter to indicate concentrations of BTEX. Soil samples were taken from two sample points of the second release, in 2' intervals by use of Track-hoe. All of the bottom hole and sidewall final delineation samples were taken to Envirotech Analytical Laboratory for confirmation.

Below you will see the surface samples taken in the main impacted area of "Area 2":

SP ID	DEPTH	TITRATION	PID	SOIL
SP1	SURF	1760	5000+	SAND
SP2	SURF	560	5000+	SAND

At this time further delineation of "Area 2" began. As seen in the sample chart below, SP1 cleaned up at 14'bgs, SP2 was trenched to 14'bgs. Below you will find the sample chart of the delineation depths. Each bottom hole sample (in yellow) was taken to Envirotech Analytical Laboratory for confirmation.

SP ID	Depth	Titr	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SP1	SURF	1760	5000+						
	1'	640	5000+						
	2'	480	5000+						
	3'	20	5000+						
	4'	20	5000+						
	5'	20	5000+						
	6'	800	5000+						
	7'	880	5000+						
	8'	400	5000+						
	10'	160	3500+						
	12'	160	500+						
	14'	160	ND	ND	ND	ND	ND	ND	ND
SP 2	SURF	1200	5000+						
	2'	320	5000+						
	4'	160	5000+						
	6'	160	5000+						
	8'	160	5000+						
	10'	160	3000+						
	12'	160	1500						
	14'	160	100	ND	35.6	ND	ND	35.6	ND

Sidewall field samples were then obtained to show horizontal extent. The sidewall samples were taken in 1' intervals by use of track-hoe. Based on the original impacted area of "Area 2" of 1511.20 Sq. Ft., sidewall samples were obtained as indicated in the below sampling chart.

SP ID	Depth	Titir	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SW 1	SURF	240	2500						
	1'	240	2500						
	2'	240	1500						
	3'	240	500						
	4'	240	ND	ND	ND	ND	ND	ND	ND
SW 2	SURF	160	3000+						
	1'	160	2500+						
	2'	160	300						
	3'	160	ND	ND	ND	ND	ND	ND	ND
SW 3	SURF	640	5000+						
	1'	240	5000+						
	2'	400	5000+						
	3'	720	5000+						
	4'	620	2000+						
	5'	480	200						
	6'	400	ND	ND	ND	ND	ND	ND	ND
SW 4	SURF	320	3000+						
	1'	400	3000+						
	2'	1760	5000+						
	3'	400	ND						
	4'	400	ND	ND	ND	ND	ND	ND	ND

All bottom delineation and sidewall sampling of "Area 2" was taken to Envirotech Analytical Laboratory for confirmation. The final area of impact after delineation of "Area 2" was measured at 2522 Sq. Ft.

Remediation

DCP Midstream, along with the BLM, agreed that Hungry Horse would excavate 4'bgs on both release areas, stockpiled on 20mil polyurethane and then hauled to Lea Land Disposal. Due to the impact depth of the delineation process, it was determined to formulate a Remediation Work Plan for this site. Once both areas were excavated to the depth of 4'bgs, composite bottom hole samples were obtained along with side walls samples. Each sample was field tested for chlorides and volatiles. The samples were then sent to Envirotech Analytical Laboratory for confirmation. The composite/closure samples were taken based off of 4'bgs with a liner. Please see prelim sampling for "Area 1 and Area 2" below:

Area 1 – Composite Sampling

SP ID	Depth	Titre	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SP1 BH	4'	160	2000	0.193	1780	569	ND	2349	ND
SP2 BH	4'	160	4000	1.06	3390	1190	34.3	4614.3	ND
SP3 BH	4'	160	2000	0.5	1280	398	ND	1678	ND
SP4 BH	4'	160	ND	ND	ND	ND	ND	ND	ND
SP5 BH	4'	160	ND	ND	25.3	ND	ND	25.3	ND
COMP	4'	160	1500	ND	1330	514	ND	1844	ND
SW1		240	100	ND	178	82.9	ND	260.9	ND
SW2		160	ND	ND	ND	ND	ND	ND	ND
SW3		160	ND	ND	53.6	ND	ND	53.6	ND
SW4		240	ND	ND	ND	ND	ND	ND	ND
SW5		240	ND	ND	ND	ND	ND	ND	ND
SW6		160	ND	ND	ND	ND	ND	ND	ND
SW7		240	ND	ND	ND	ND	ND	ND	ND
SW8		160	ND	ND	ND	ND	ND	ND	ND

Area 2 – Composite Sampling

SP ID	Depth	Titre	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg
SP1 BH	4'	160	800	ND	522	92.7	ND	614.7	ND
SP2 BH	4'	320	4000	2.220	2910	520	63.3	3493.3	ND
SP3 BH	4'	160	ND	ND	ND	ND	ND	ND	ND
SP4 BH	4'	160	ND	ND	ND	ND	ND	ND	ND
SP5 BH	4'	240	ND	ND	ND	ND	ND	ND	ND
MIX BH	4'	240	800	ND	474	198	ND	672	ND
SW1		160	ND	ND	ND	ND	ND	ND	ND
SW2		160	ND	ND	ND	ND	ND	ND	ND
SW3		240	ND	ND	ND	ND	ND	ND	ND
SW4		240	ND	ND	ND	ND	ND	ND	ND
SW5		240	ND	ND	53.3	ND	ND	53.3	ND
SW6		240	ND	ND	ND	ND	ND	ND	ND
SW7		320	ND	ND	ND	ND	ND	ND	ND
SW8		160	ND	ND	ND	ND	ND	ND	ND

Remediation Plan

With the guidance of the BLM during our site meeting over the remediation procedures for the N-Line Leak, the BLM agreed that excavating 4', installing a liner and reseeded the disturbed and impacted area would be the best course of action for this release site. Hungry Horse excavated the 4'bgs as required by the BLM and hauled off 3,167 tons of impacted material to Lea Landfill. The excavation covered both Area #1 and Area #2. Once we had fully delineated the impacted zone of the release and based on the lab confirmed confirmation analysis, it has been determined that there will be a substantial amount of contamination left under the liner. The following information about the sampling event and data obtained justifies following the BLM's recommendation of remediation for this undesirable release event:

- No eminent danger of groundwater impact
- Low Karst Zone
- No Archaeological concerns or restrictions
- Closure Criteria for Soil is classified as greater than 100' to groundwater
- The evaluation and remediation of petroleum hydrocarbon for this site was conducted based on the levels of DRO (Diesel Range Organics) verses GRO (Gasoline Range Organics) and BTEX (Benzene, Toluene, Ethylbenzene, Xylenes)
 - The majority of the volatiles shown in the confirmed analysis indicates DRO is more evident in the soil than GRO and BTEX, that remains after the 4'bgs excavation.

Therefore, Hungry Horse on behalf of DCP Midstream would like to propose the following scope of work to remediate this site detailed herein:

With the excavated area to a total depth of 4'bgs, Hungry Horse will line the previously excavated portion to cover the floor of the excavation with implementing a run off area, then backfilling with adding a 6" cover of topsoil, then placing 6" of caliche to hold the liner down to prevent future erosion then finish off with 3' of topsoil to protect the integrity of the liner. At which point the surrounding native soil will be used to cover the backfilled area while using native soil and natural grown vegetation, mixed with BLM #3 seed. This area will be disked and watered to ensure proper vegetation.

We would like to get this site remediated as quickly as possible as we have two large open excavation areas in the bottom of sand dunes. Protecting the public from entering the excavation area, a fence has been put up around the open holes. This area is highly trafficked by hunters and we want to ensure their safety as well as the staff of DCP and their contractors.

Hungry Horse, LLC would like to thank you in advance for taking your time to review this Remediation Work Plan for the N-Line Leak for DCP Midstream. If you have any questions, please do not hesitate to contact me at any time.

Sincerely,



Natalie Gladden

Director of Environmental and Regulatory Services

Hungry Horse, LLC

4024 Plains Highway

Lovington, NM 88240

(Cell) 575-390-6397

(Email) ngladden@hungry-horse.com

Attachments: Initial C141 & Site Map
Archaeological Survey & Report
Groundwater Information Ground Water Map
Karst Map
Site Map w/Spray Area
Sample Data Sheet & Original Sample Map
Lab Analysis
Photo Pages

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 DCP MIDSTREAM	OGRID 36785
Contact Name NICK CASE	Contact Telephone 575-802-5225
Contact email nlease@decpmidstream.com	Incident # (assigned by OCD)
Contact mailing address 5301 SIERRA VISTA CARLSBAD, NEW MEXICO	

Location of Release Source

Latitude **32.73528** Longitude **-103.77361**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name N-LINE LEAK (CLOSEST WELL: TMBR/SHARP 21 FEDERAL COM #001)	Site Type PIPELINE
Date Release Discovered 2/28/2020	API# (if applicable) CLOSEST WELL: 30-025-35251

Unit Letter	Section	Township	Range	County
F	21	18S	32E	LEA

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 75BBLS	Volume Recovered (bbls) 0BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Pipeline leak was discovered, line was isolated and leak was stopped. Due to possible Archaeological Area, fluid was unable to be recovered. Release site is in pasture.


State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25bbbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email was sent to NMOCD Spills and Notifications hotline email at 5:31pm on 2/28/2020.	

Initial Response

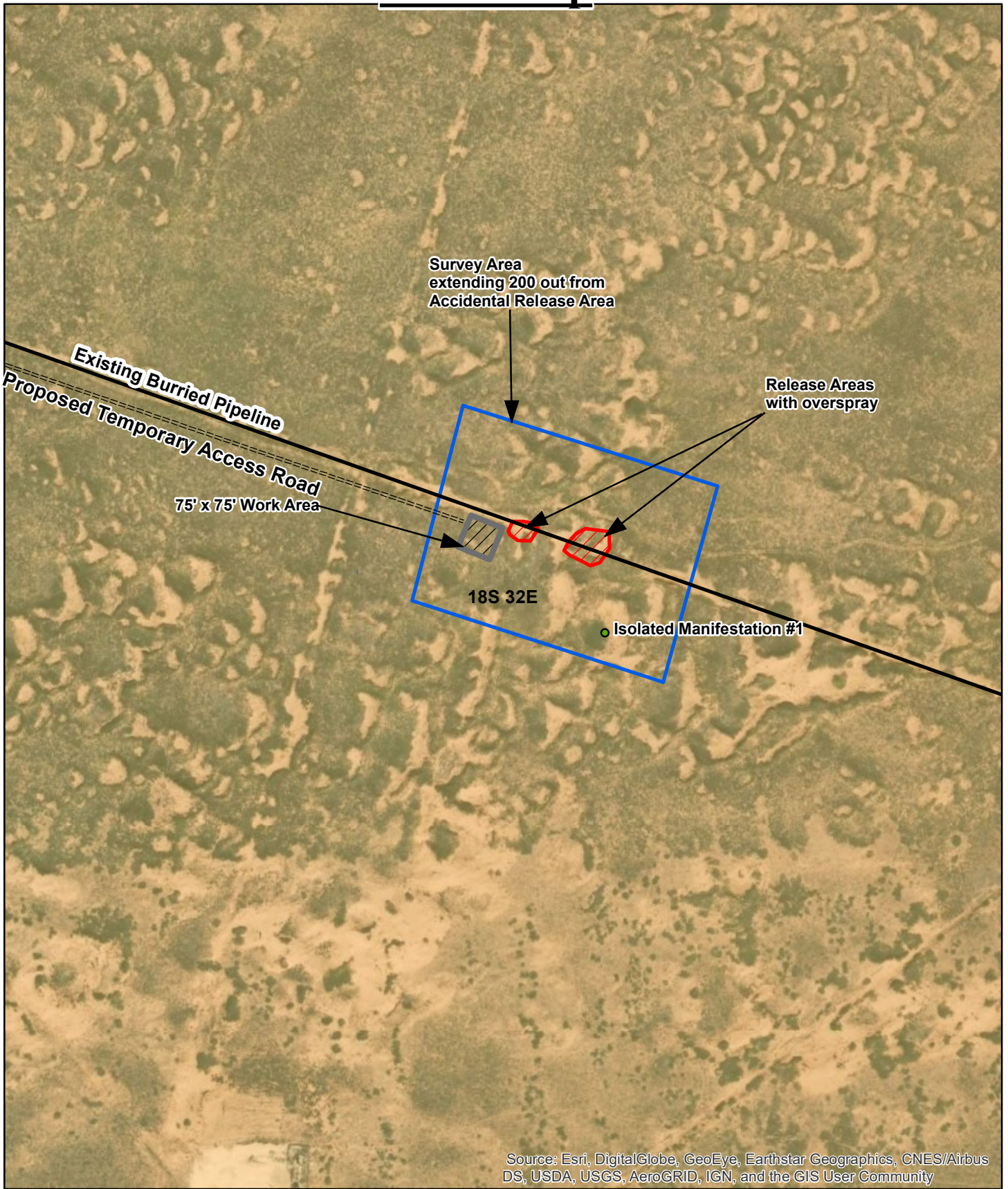
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: No action was taken due to no access until Arch. Survey is completed. All fluids have soaked into native soil, area will be fenced off.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Natalie Gladden</u> Title: <u>Director of Environmental and Regulatory</u>	
Signature: <u></u> Date: <u>2/28/2020</u>	
email: <u>ngladden@hungry-horse.com</u> Telephone: <u>575-390-6397</u>	
OCD Only	
Received by: _____ Date: _____	



Scale
1:4,000

Detail Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 37.5 75 150 225 300
Meters

0 125 250 500 750 1,000
Feet

NMCRIS No.: 145364

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS Activity No.: 145364	2a. Lead Agency: US Bureau of Land Management Carlsbad Field Office	2b. Other Agency(ies):	3. Lead Agency Report No.:
4. Title of Report: This is a Survey for Six Accidental Release Areas and a Temporary Access Road in Lea County, New Mexico for Hungry Horse, LLC Representing DCP Midstream. Author(s) Pangburn, Jeffrey & Stacey Therriault			5. Type of Report <input checked="" type="checkbox"/> Negative <input type="checkbox"/> Positive

6. Investigation Type

- ☐ Research Design ☒ Archaeological Survey/Inventory ☐ Architectural Survey/Inventory ☐ Test Excavation ☐ Excavation
☐ Collections/Non-Field Study ☐ Compliance Decision Based on Previous Inventory ☐ Overview/Lit Review ☐ Monitoring
☐ Ethnographic Study ☐ Site/Property Specific Visit ☐ Historic Structures Report ☐ Other

7. Description of Undertaking (what does the project entail?):

On 2nd of March 2020, Jeffrey Pangburn with APAC conducted a class III archaeological survey for six accidental release areas and a temporary access road ROW located in section 21 in T 18 S R 32 E; Lea County, New Mexico. The cultural resource inventory was conducted at the request of Natalie Gladden with Hungry Horse, LLC. Representing DCP Midstream. The project was conducted to meet or exceed the Bureau of Land Management Carlsbad Field Office (BLM-CFO) current professional standards for cultural surveys. The archaeological survey was conducted after a consultation with Aaron Whaley with the BLM-CFO.

Jeffrey Pangburn of APAC was contacted by Natalie Gladden with Hungry Horse, LLC that there was an accidental release on a DCP pipeline. The release areas are detailed of the project map attached to this report. In the consultation with Aaron Whaley he directed Jeffrey Pangburn to survey the area surrounding the release areas and cover an area at least 200' from the release areas. The release areas cover 0.42 acres and the survey area around these areas cover 17.94 acres for a grand total of 18.36 acres surveyed for this project. The 200' buffer is to allow clean-up of the contaminated sediments.

A total of 6 areas are detailed in this report the western two are new released which precipitated this survey, the other 4 are old releases which were identified while the new release areas were being identified. The new releases are the primary focus of the current clean up activities and the older releases will be dealt with after the current clean up actions. To allow access for clean up a temporary access road will be needed with a 75' x 75' work area the work area will be placed with in the survey area surrounding the western most release area. The road and work area are detailed on the attached project map. The temporary access road will parallel the existing DCP pipeline road and will be reclaimed upon completion of the current clean up actions. The temporary access road will be xx' in length and will have a 30' wide area of potential impact. The 200' survey corridor placed over the temporary access road falls with in 2 previously survey corridors (NMCRIS # 56341 and 93992). These corridors cover 150' of the survey corridor for the temporary access road leaving 50' of new survey along the temporary access road.

The direct effect of the project ROW totals 2270' x 50' (+/-) and 0.42 acres equaling 3.03 acres. The indirect effect of the project ROW totals 2270' x 150' (+/-) and 17.94 acres equaling 25.76 acres. During the course of fieldwork there was one isolated manifestation located in the project area.

The survey located one isolated manifestation in the survey area. This artifact is a rhyolite core reduction flake. No additional materials were located and this isolated manifestation will not need to be avoided for the clean-up actions needed to mitigate this accidental release. The planned actions for the clean-up are not planned to impact this artifact anyway. The proposed project area crosses through a coppice dune field in Lea County, New Mexico. This area is relatively flat with some low hills. Impacts to the proposed project area include and existing buried pipeline and flow lines. The survey area of the proposed project area is plotted on the attached project map. Location plots for the project were obtained by utilizing a survey grade hand held GPS.

[] Continuation

8. Dates of Investigation: 29-Feb-20	2-Mar-20	9. Report Date: 6-Mar-20
---	----------	---------------------------------

10. Performing Agency/Consultant: APAC PO Box 1982 Carlsbad, NM 88221-1982 Office 575-200-7099 Jeff 575-200-5099

Principal Investigator: David V. Hill PhD

Field Supervisor: Jeffrey Pangburn

Field Personnel Names:

Historian / Other:

11. Performing Agency/Consultant Report No.:

APAC 20-02-17

12. Applicable Cultural Resource Permit No(s):

BLM: 270-2920-17-F, State: NM-18-261-S

13. Client/Customer (project proponent):

Hungry Horse, LLC

Contact: Natalie Gladden representing DCP Midstream

Address:

Phone:

14. Client/Customer Project No.:

15. Land Ownership Status (must be indicated on project map):

Land Owner (By Agency)	Acres Surveyed	Acres in APE
US Bureau of Land Management Carlsbad Field Office	28.79	3.03
NM State Land Office	0.00	0.00
Private	0.00	0.00
TOTALS	28.79	3.03

16. Records Search(es):

Date(s) of HPD/ARMS File Review: 2/29/20	Name of Reviewer(s): Kathi Pangburn	
Date(s) of Other Agency File Review: 2/29/20	Name of Reviewer(s): Jeffrey Pangburn	Agency: BLM-CFO
Date(s) of Other Agency File Review: 2/29/20	Name of Reviewer(s): Kathi Pangburn	Agency: GLO

Prefield investigations of the proposed project area consist of the review of web sites and project files located at the BLM-CFO, the Archaeological Records Management Section (ARMS) and the General Land Office (GLO). The BLM, ARMS and GLO search were conducted on 29th of February 2020. A total of two cultural sites were found within ¼ mile of the project area for reporting to the BLM (LA 37548, LA 84988).

17. Survey Data:

a. Source Graphics [] NAD 27 [X] NAD 83 **Note: NAD 83 is the NMCRIS standard.**

☒ USGS 7.5' (1:24,000) topo map ☐ Other topo map, Scale:

☒ GPS Unit Accuracy ☐ <1.0m ☒ 1-10m ☐ 10-100m ☐ >100m

☐ Aerial Photo(s)

Other Source Graphic(s):

b. USGS 7.5' Topographic Map Name

USGS Quad Code

GREENWOOD LAKE, NM (Prov. Ed. 1985)

32103-F7

c. County(ies): Lea

d. Nearest City or Town: Lovington

e. Legal Description:

Township (N/S)

Range (E/W)

Section

18 S	32 E	21 SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$
18 S	32 E	20 NE $\frac{1}{4}$ NE $\frac{1}{4}$

Projected legal description?

☐ Yes

☐ No

☒ Unplatted

f. Other Description (e.g. well pad footages, mile markers, plats, land grant name, etc.):

☐ Continuation

18. Survey Field Methods:

Intensity:

☒ 100% coverage

☐ <100% coverage

Configuration:

☐ block survey units

☒ linear survey units (l x w): Total BLM 2270' x 200' (+/-)

☐ other survey units (specify):

Scope:

☒ non-selective (all sites/properties recorded)

☐ selective/thematic (selected sites/properties recorded)

Coverage Method:

☒ systematic pedestrian coverage

☐ other method (describe):

Survey Interval (m): 15

Crew Size: 1

Fieldwork Dates: 2-Mar-20

2-Mar-20

Survey Person Hours: 8

Recording Person Hours: 0

Total Hours: 8

Additional Narrative:

The proposed ROW for the temporary access road ROW was surveyed with a 200' (+/-) wide corridor centered on the marked right-of-way. The impacted area for the proposed ROW is estimated to be a 50' (+/-) wide corridor centered on the marked right-of-way. The proposed accidental release areas were surveyed with a series of parallel transects spaced at 15-meter intervals covering the proposed survey area. The cultural investigation was conducted by means of a pedestrian survey, with one field person, walking at 15-meter intervals for 100% coverage of the survey area. This survey was designed to meet, but not limited to, the requirements detailed in the BLM Manual Supplement H-8100-1 New Mexico, Oklahoma and Texas, Procedures for Performing Cultural Resource Fieldwork on Public Lands in the area of New Mexico BLM Responsibilities 2002. The authority for these standards comes in part from Section 106 of the National Historic Preservation Act of 1966, the Antiquities Act of 1906 and the Historic Sites Act of 1935, along with all additional federal and state laws for preserving and protecting cultural resources.

☐ Continuation

19. Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.):

Topography: Low hills within a coppice dune field

Vegetation: mesquite, broom snake weed, yucca, drop seed grass, and various other desert cacti, grasses and forbes.

NRCS: Peyote-Maljamar-Kermit association: Gently undulating and rolling, deep, sandy soils

Aspect: 360 degrees

Elevation: 3750' – 3770'

Lithic Resources: Some cherts, in gravels, very sparse.

Water Sources: (Potential) various unnamed drainages bisecting the project area.
(Permanent) The Pecos River, 33 miles west of the proposed ROW.

[] Continuation

20.a. Percent Ground Visibility: 85% b. Condition of Survey Area (grazed, bladed, undistributed, etc.): Disturbed by various oil field developments

[] Continuation

21. CULTURAL RESOURCE FINDINGS ☒ Yes, see next report section ☐ No, discuss why:

[] Continuation

22. Attachments (check all appropriate boxes):

☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)

☒ Copy of NMCRIS Map Check (required)

☐ LA Site Forms - new sites (with sketch map & topographic map) if applicable

☐ LA Site Forms (update) - previously recorded & un-relocated sites (first 2 pages minimum)

☐ Historic Cultural Property Inventory Forms, if applicable

☒ List and Description of Isolates, if applicable

☐ List and Description of Collections, if applicable

23. Other Attachments:

☐ Photographs and Log

[] Other Attachments (Describe):

24. I certify the information provided above is correct and accurate and meets all applicable agency standards.

Principal Investigator

Printed Name: David V. Hill PhD

Qualified Supervisor:

Printed Name: Jeffrey Pangburn

Signature: 

Date: 6-Mar-20

Title: Qualified Supervisor

25. Reviewing Agency

Reviewer's Name/Date:

Accepted []

Rejected []

26. SHPO

Reviewer's Name/Date:

HPD Log #:

Date sent to ARMS:

CULTURAL RESOURCE FINDINGS

[fill in appropriate section(s)]

SURVEY RESULTS:

Archaeological Sites discovered and registered: 0

Archaeological Sites discovered and NOT registered: 0

Previously recorded archaeological sites revisited (site update form required): 0

Previously recorded archaeological sites not relocated (site update form required): 0

TOTAL ARCHAEOLOGICAL SITES (visited & recorded): 0

Total isolates recorded: 1

Non-selective isolate recording?

HCPI properties discovered and registered: 0

HCPI properties discovered and NOT registered: 0

Previously recorded HCPI properties revisited: 0

Previously recorded HCPI properties not relocated: 0

TOTAL HCPI PROPERTIES (visited & recorded, including acequias): 0

MANAGEMENT SUMMARY:

Owing to the finding of the cultural survey no cultural properties should be impacted by the clean-up actions needed for this project and archaeological clearance is recommended. The clean up actions are recommended to begin immediately along the DCP buried pipeline right of way. If cultural materials are encountered, at any time, all work should cease and a BLM-CFO Staff archaeologist notified immediately. A monitor is not being recommended while clean-up actions are being conducted though one can be present if any of the concerned parties (BLM-CFO, DCP Midstream, or Hungry Horse, LLC) require it.

[] Continuation

IF REPORT IS NEGATIVE, YOU ARE DONE AT THIS POINT.

Table #1: Isolated Manifestations**NMCRIS# 145364****APAC # 20-02-17**

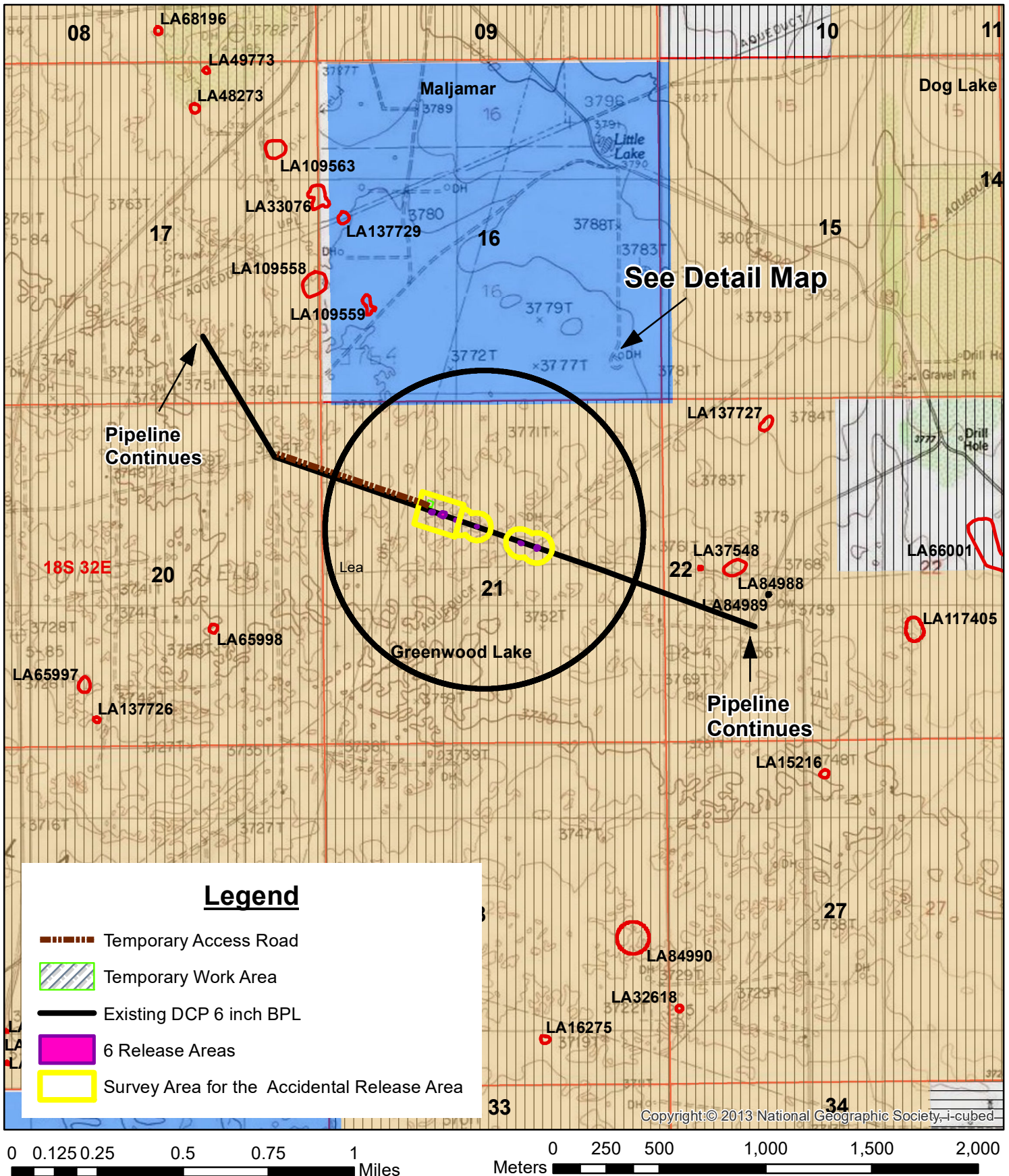
IM	Location NAD 83	Material	Description	Notes	Plotted Y/N
1	E: 614899 N: 3622559	Chert	1 core reduction flake		Yes

Project Map

APAC 20-02-17

(1 of 2)

Scale: 1:24,000



A location map of six accidental releases for Hungry Horse, LLC. Located in section 21 in T 18 S R 32 E;
Lea County, New Mexico.

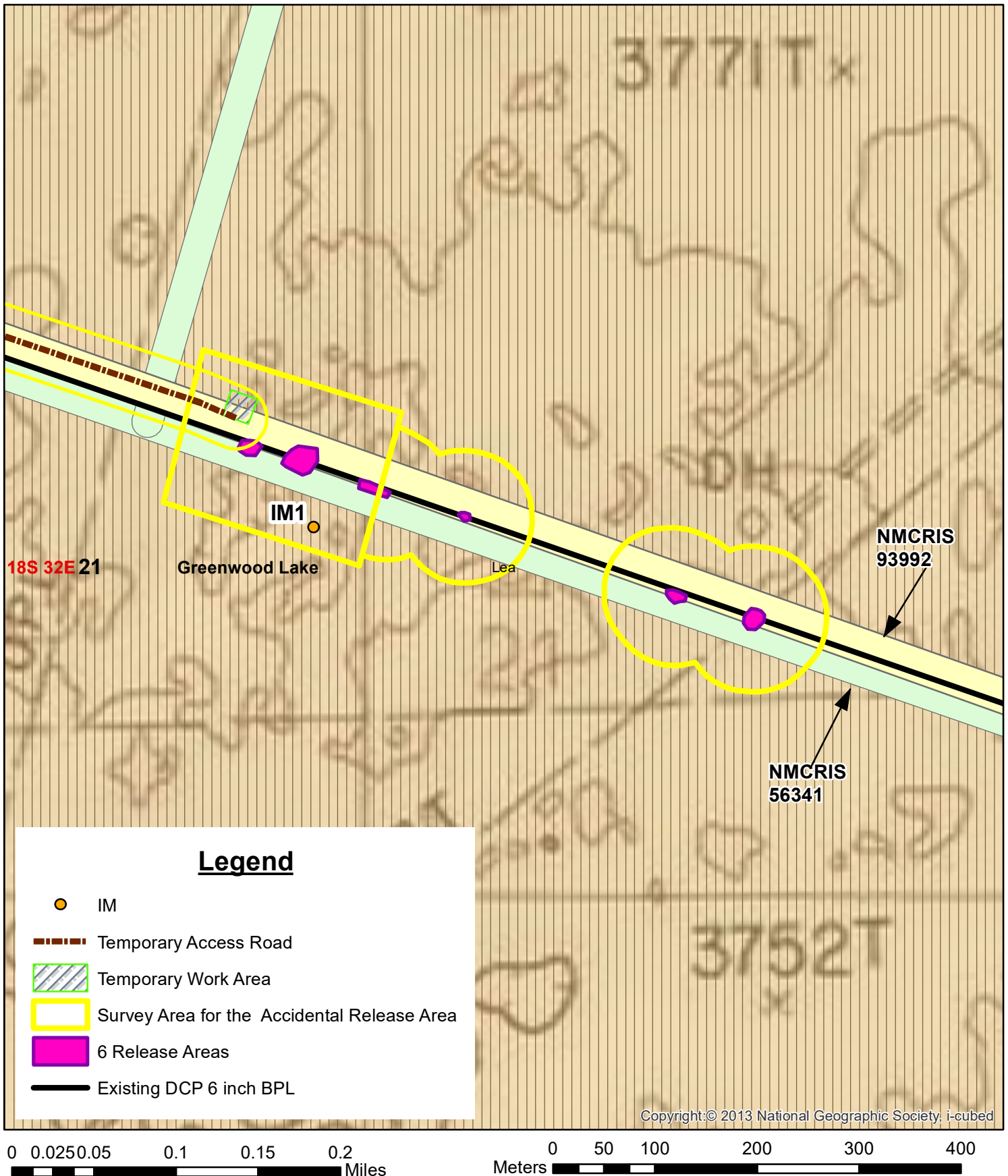
Map Reference; USGS 7.5' Series Quadrangles: GREENWOOD LAKE, NM (Prov. Ed. 1985) 32103-F7

Detail Map

APAC 20-02-17

(2 of 2)

Scale: 1:5,000



A location map of six accidental releases for Hungry Horse, LLC. Located in section 21 in T 18 S R 32 E;
Lea County, New Mexico.

Map Reference; USGS 7.5' Series Quadrangles: GREENWOOD LAKE, NM (Prov. Ed. 1985) 32103-F7



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 614928.23

Northing (Y): 3622605.76

Radius: 1000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/29/20 9:56 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD		Source	q q q				X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number			
		Subbasin	County		6416	4	Sec	Tw											Rng		
CP.00677		CP	LE		1	1	26	18S	32E	617750	3621373*	<input type="checkbox"/>	3079	05/09/1985	05/09/1985	05/15/1985	700		GLENN, CLARK A."CORKY" (LD)	421	
CP.00672		CP	LE	Shallow	4	4	07	18S	32E	612475	3624947*	<input type="checkbox"/>	3391	07/17/1992	08/07/1992	08/12/1992	524	430	ABBOTT, MURRELL	46	
CP.00672 CLW475398	O	CP	LE	Shallow	4	4	07	18S	32E	612475	3624947*	<input type="checkbox"/>	3391	01/22/1985	01/29/1985	02/08/1985	540	460	FELKINS, LARRY	882	
CP.00566 POD1		CP	LE	Shallow	4	4	1	04	18S	32E	614960	3627280*	<input type="checkbox"/>	4674	06/01/1977	06/03/1977	06/13/1977	133	65	ABBOTT, MURRELL	46

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 614928.23

Northing (Y): 3622605.76

Radius: 5000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.


2/29/20 9:56 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00677	1	1	26	18S	32E	617750	3621373*	

Driller License:	421	Driller Company:	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY" (LD)				
Drill Start Date:	05/09/1985	Drill Finish Date:	05/09/1985	Plug Date:	
Log File Date:	05/15/1985	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	700 feet	Depth Water:	

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP	00672	4	4	07	18S	32E	612475	3624947*	

Driller License: 46	Driller Company: ABBOTT BROTHERS COMPANY
Driller Name: ABBOTT, MURRELL	
Drill Start Date: 07/17/1992	Drill Finish Date: 08/07/1992
Log File Date: 08/12/1992	PCW Rcv Date:
Pump Type:	Estimated Yield:
Casing Size: 5.50	Depth Well: 524 feet
	Depth Water: 430 feet

Water Bearing Stratifications:	Top	Bottom	Description
	460	517	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	459	524

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00672 CLW475398		4	4	07	18S	32E	612475	3624947*	

Driller License: 882	Driller Company: LARRY'S DRILLING & PUMP CO.	
Driller Name: FELKINS, LARRY		
Drill Start Date: 01/22/1985	Drill Finish Date: 01/29/1985	Plug Date:
Log File Date: 02/08/1985	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 12 GPM
Casing Size: 6.63	Depth Well: 540 feet	Depth Water: 460 feet

Water Bearing Stratifications:	Top	Bottom	Description
	498	510	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	480	540

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00566	POD1	4	4	1	04	18S	32E	614960	3627280*

Driller License: 46

Driller Company: ABBOTT BROTHERS COMPANY

Driller Name: ABBOTT, MURRELL

Drill Start Date: 06/01/1977

Drill Finish Date: 06/03/1977

Plug Date:

Log File Date: 06/13/1977

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 6.63

Depth Well: 133 feet

Depth Water: 65 feet

Water Bearing Stratifications:

Top Bottom Description

65	133	Sandstone/Gravel/Conglomerate
----	-----	-------------------------------

Casing Perforations:

Top Bottom

65	133
----	-----

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

DCP MIDSTREAM

N-LINE LEAK
DOR: 2.28.20
GROUND WATER MAP

Bermuda Rd

82

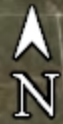
529

CP 00566 POD 1-4674' FROM SITE 65'DGW

CP 00672 - 3391' FROM SITE 430'DGW CP 00672 CLW475398 - 3391' FROM SITE 460'DGW

N-LINE LEAK

CP 00677 - 3079' FROM SITE NO GW

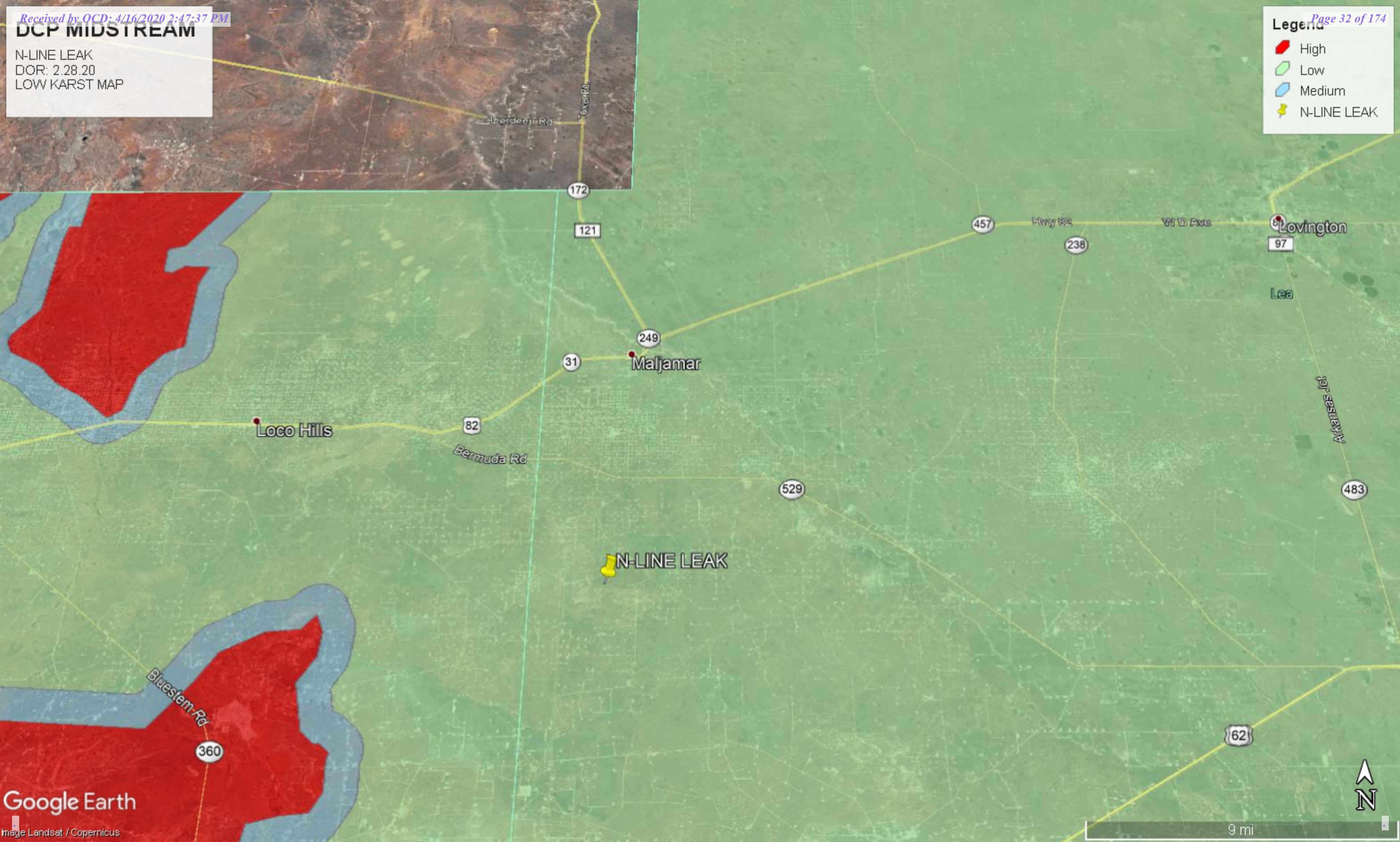


DCP MIDSTREAM

N-LINE LEAK
DOR: 2.28.20
LOW KARST MAP

Legend

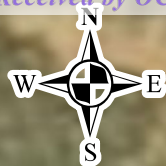
- High
- Low
- Medium
- N-LINE LEAK



DCP MIDSTREAM

N-LINE LEAK
DOR: 2.28.20

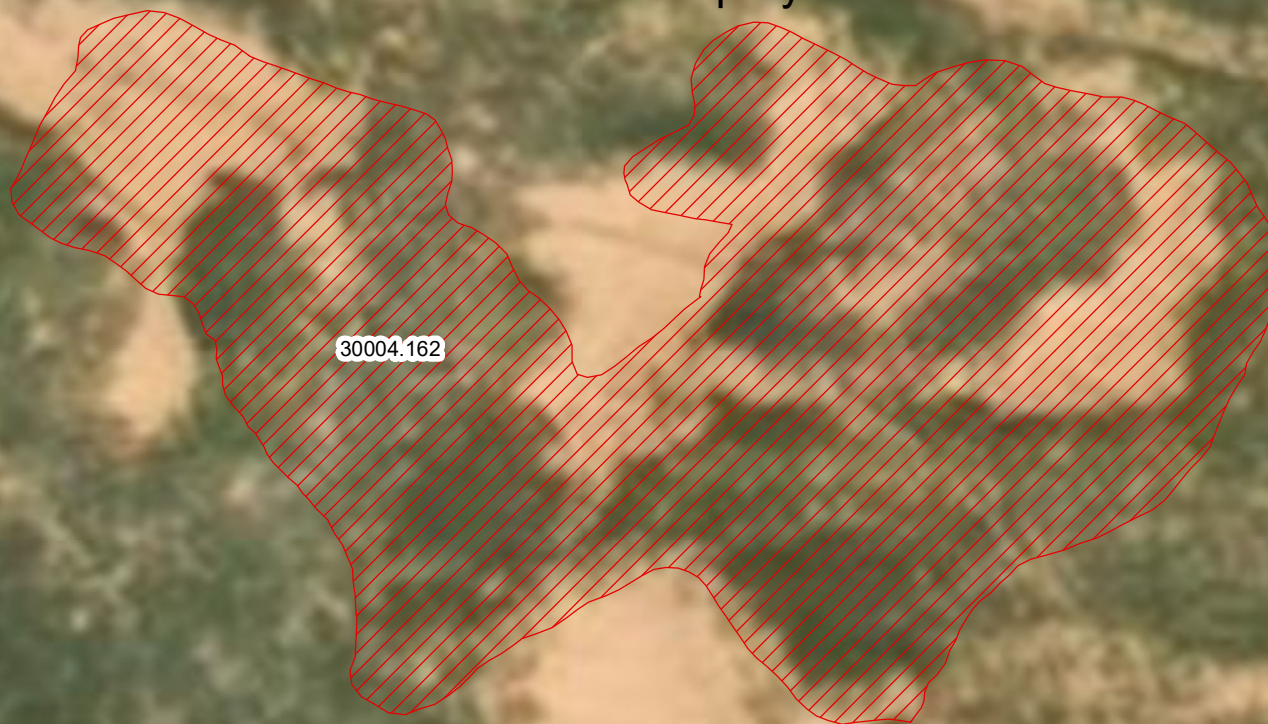




Dcp
N Line Leak



Surface Impact Area
Includes Overspray



0 5 10 20 30 40
Yards

Legend

 SpillArea

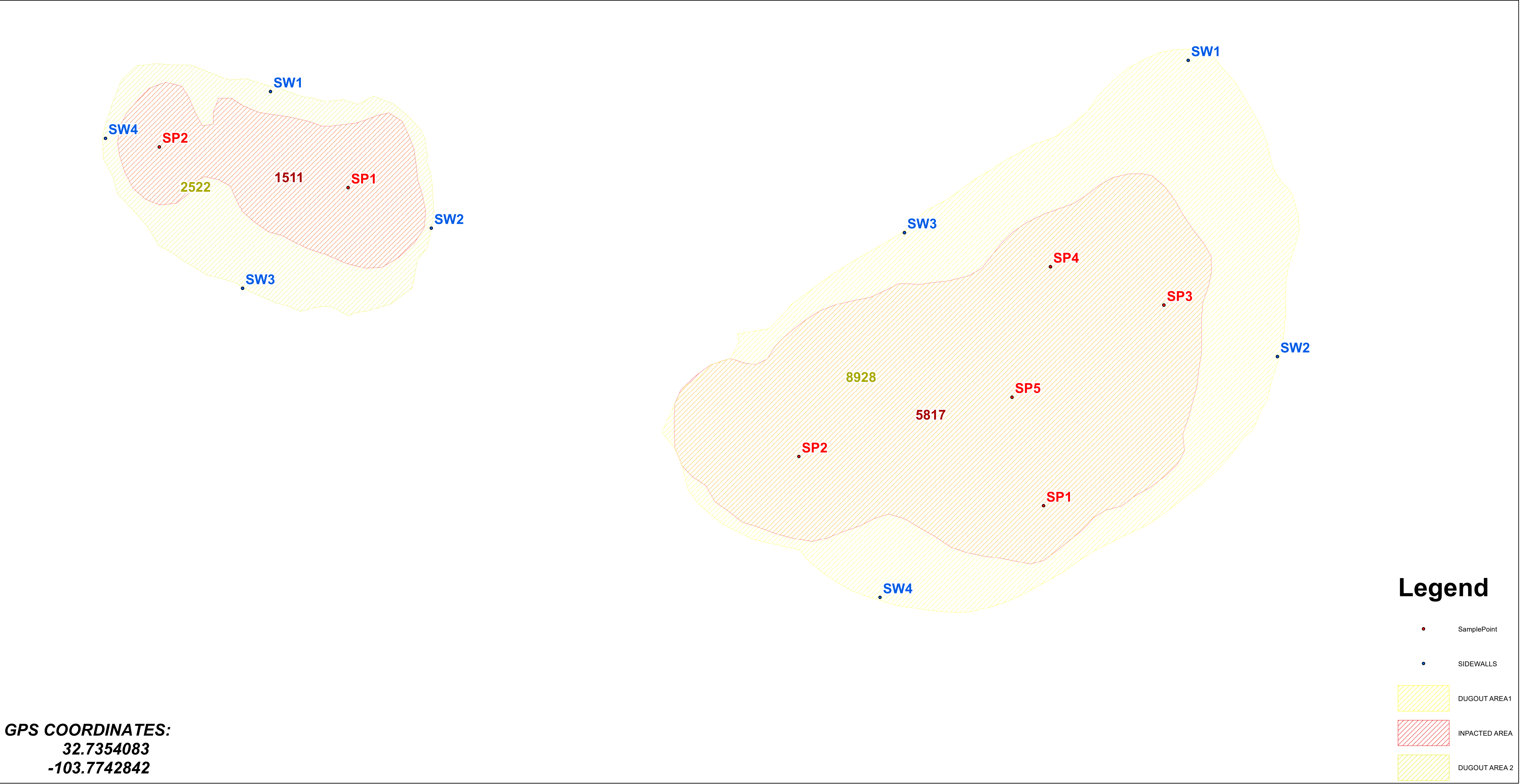


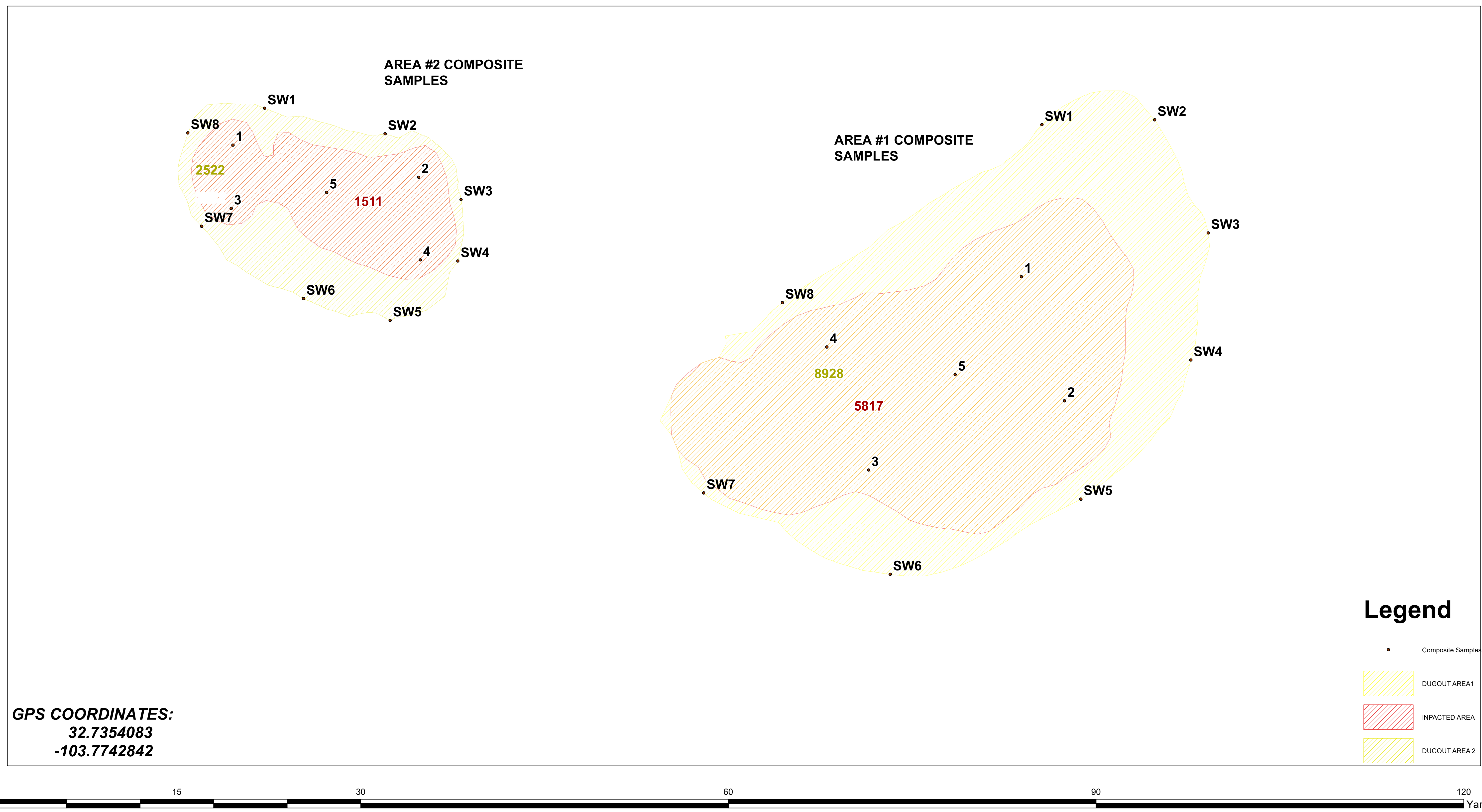
FIGURE 1
MAP/ SAMPLE POINTS

Company Name: DCP MIDSTREAM Location Name: N-LINE LEAK Release Date: 2/28/2020
AREA 1

SP ID	Depth	Titr	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg	Soil	Notes
SP 1	SURF	1840	5000+							SAND	
	2'	3360	5000+							SAND	
	4'	320	5000+							SAND	
	6'	240	5000+							SAND	
	8'	240	3000+							CALICHE	
	10'	240	2000+							CALICHE/SAND	
	12'	240	1500+							CALICHE/SAND	
	14'	160	300							CALICHE/SAND	
	16'	160	0	ND	ND	ND	ND	ND	35.4	CALICHE/SAND	
SP 2	SURF	560	5000+							SAND	
	2'	640	5000+							SAND	
	4'	4000+	5000+							SAND	
	6'	4000+	5000+							SAND	
	8'	4000+	5000+							SAND	
	10'	320	5000+							CALICHE/SAND	
	12'	320	5000+							CALICHE/SAND	
	14'	160	5000+							CALICHE/SAND	
	16'	320	5000+							CALICHE/SAND	
	18'	160	5000+							CALICHE/SAND	
	20'	160	5000+							CALICHE/SAND	
	22'	160	5000+							CALICHE/SAND	
	24'	160	5000+							CALICHE/SAND	
	26'	160	3000+							CALICHE	
	28'	160	3000+	0.952	1710	677	28.3	2415.3	ND	CALICHE	
SP 3	SURF	1760	5000+							SAND	
	2'	2800	5000+							SAND	
	4'	2000	5000+							SAND	
	6'	4000+	5000+							CLAY	

	8'	640	2000							CALICHE	
	10'	400	300							MIX	
	12'	400	0	ND	ND	ND	ND	ND	ND	CLAY	
SP 4	SURF	1280	5000+							SAND	
	2'	3040	5000+							SAND	
	4'	240	5000+							CLAY	
	6'	320	5000+							SAND	
	8'	720	5000+							SAND	
	10'	320	5000+							SAND	
	12'	160	2500+							SAND	
	14'	160	600							CALICHE	
	16'	160	100	ND	ND	ND	ND	ND	31.9	MIX	
SP 5	SURF	240	5000							SAND	
	2'	320	4500							SAND	
	4'	320	4000							CLAY	
	6'	320	3000							CLAY	
	8'	240	2000							CLAY	
	10'	160	300							SAND	
	12'	160	0	ND	ND	ND	ND	ND	ND	SAND	
SW 1	1'	1040	5000+							SAND	
	2'	960	5000+							SAND	
	3'	880	5000+							SAND	
	4'	720	5000+							SAND	
	5'	560	5000+							SAND	
	6'	480	5000+							SAND	
	7'	880	5000+							SAND	
	8'	560	2000							SAND	
	9'	480	1000							SAND	
	10'	480	0	ND	ND	ND	ND	ND	ND	SAND	
SW 2	1'	480	5000+							SAND	

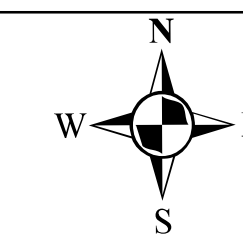
	2'	720	5000+							SAND	
	3'	640	2000							SAND	
	4'	480	600							SAND	
	5'	240	10	ND	ND	ND	ND	ND	ND	SAND	
SW 3	1'	320	700							SAND	
	2'	400	30	ND	ND	ND	ND	ND	ND	SAND	
SW 4	1'	2160	3000							SAND	
	2'	480	700							SAND	
	3'	400	40	ND	ND	ND	ND	ND	ND	SAND	



DCP MIDSTREAM
N-LINE LEAK



FIGURE 2
MAP/ COMPOSITE SAMPLES



Hungry Horse LLC.

Drawn By: DAKOATAH MONTANEZ

Checked by: NATALIE GLADDEN

Date: APRIL 13, 2020

DCP - N LINE LEAK

Area #1 Composite Sample Data

COMPOSITES & SIDEWALLS - BOTTOM HOLE

[illegible]

Company Name: DCP MIDSTREAM Location Name: N-LINE LEAK - RISER Release Date: 2/28/2020
AREA 2

SP ID	Depth	Titr	PID	L-BTEX mg/kg	L-DRO mg/kg	L-ORO mg/kg	L-GRO mg/kg	L-TPH mg/kg	L-CHL mg/kg	Soil	Notes
SP1	SURF	1760	5000+							SAND	
	1'	640	5000+							SAND	
	2'	480	5000+							SAND	
	3'	20	5000+							SAND	
	4'	20	5000+							SAND	
	5'	20	5000+							SAND	
	6'	800	5000+							SAND	
	7'	880	5000+							SAND	
	8'	400	5000+							SAND	
	10'	160	3500+							SAND	
	12'	160	500+							SAND	
	14'	160	ND	ND	ND	ND	ND	ND	ND	SAND	
SP 2	SURF	1200	5000+							SAND	
	2'	320	5000+							SAND	
	4'	160	5000+							SAND	
	6'	160	5000+							SAND	
	8'	160	5000+							SAND	
	10'	160	3000+							SAND	
	12'	160	1500							SAND	
	14'	160	100	ND	35.6	ND	ND	35.6	ND	SAND	
SW 1	SURF	240	2500							SAND	
	1'	240	2500							SAND	
	2'	240	1500							SAND	
	3'	240	500							SAND	
	4'	240	ND	ND	ND	ND	ND	ND	ND	SAND	
SW 2	SURF	160	3000+							SAND	
	1'	160	2500+							SAND	
	2'	160	300							SAND	

[illegible]

DCP - N LINE LEAK

Area #2 Composite Sample Data

[illegible]



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/12/2020

Job Number: 19054-0003

Work Order: P003064

Project Name/Location: N-Line Leak

Report Reviewed By:

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

Date: 3/13/20

Walter Hinchman, Laboratory Director



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



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Leak
Project Number: 19054-0003
Project Manager: Dakoatah Montanez

Reported:
03/13/20 14:10

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sp1-16'	P003064-01A	Soil	03/10/20	03/12/20	Glass Jar, 4 oz.
Sp2-28'	P003064-02A	Soil	03/10/20	03/12/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/13/20 14:10

Sp1-16'
P003064-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>108 %</i>		<i>50-150</i>	<i>2011032</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011034	03/12/20	03/12/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011034	03/12/20	03/12/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>94.3 %</i>		<i>50-200</i>	<i>2011034</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>92.6 %</i>		<i>50-150</i>	<i>2011032</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	35.4	20.0	mg/kg	1	2011033	03/12/20	03/12/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/13/20 14:10

Sp2-28'
P003064-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Toluene	0.0367	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Ethylbenzene	0.247	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
p,m-Xylene	0.681	0.0500	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
o-Xylene	0.272	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
Total Xylenes	0.952	0.0250	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>119 %</i>		<i>50-150</i>	<i>2011032</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	1710	125	mg/kg	5	2011034	03/12/20	03/12/20	EPA 8015D	
Oil Range Organics (C28-C40)	677	250	mg/kg	5	2011034	03/12/20	03/12/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>106 %</i>		<i>50-200</i>	<i>2011034</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	28.3	20.0	mg/kg	1	2011032	03/12/20	03/12/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>97.4 %</i>		<i>50-150</i>	<i>2011032</i>	<i>03/12/20</i>	<i>03/12/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011033	03/12/20	03/12/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/13/20 14:10

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011032 - Purge and Trap EPA 5030A

Blank (2011032-BLK1)

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 8.45 " 8.00 106 50-150

LCS (2011032-BS1)

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Benzene	4.41	0.0250	mg/kg	5.00		88.2	70-130			
Toluene	4.79	0.0250	"	5.00		95.9	70-130			
Ethylbenzene	4.96	0.0250	"	5.00		99.2	70-130			
p,m-Xylene	9.90	0.0500	"	10.0		99.0	70-130			
o-Xylene	5.01	0.0250	"	5.00		100	70-130			
Total Xylenes	14.9	0.0250	"	15.0		99.4	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.70 " 8.00 109 50-150

Matrix Spike (2011032-MS1)

Source: P003058-01

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Benzene	4.25	0.0250	mg/kg	5.00	ND	85.0	54.3-133			
Toluene	4.64	0.0250	"	5.00	ND	92.8	61.4-130			
Ethylbenzene	4.81	0.0250	"	5.00	ND	96.2	61.4-133			
p,m-Xylene	9.61	0.0500	"	10.0	ND	96.1	63.3-131			
o-Xylene	4.86	0.0250	"	5.00	ND	97.1	63.3-131			
Total Xylenes	14.5	0.0250	"	15.0	ND	96.4	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.89 " 8.00 111 50-150

Matrix Spike Dup (2011032-MSD1)

Source: P003058-01

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Benzene	4.34	0.0250	mg/kg	5.00	ND	86.8	54.3-133	2.04	20	
Toluene	4.74	0.0250	"	5.00	ND	94.7	61.4-130	2.03	20	
Ethylbenzene	4.92	0.0250	"	5.00	ND	98.3	61.4-133	2.20	20	
p,m-Xylene	9.82	0.0500	"	10.0	ND	98.2	63.3-131	2.18	20	
o-Xylene	4.97	0.0250	"	5.00	ND	99.4	63.3-131	2.28	20	
Total Xylenes	14.8	0.0250	"	15.0	ND	98.6	0-200	2.21	200	

Surrogate: 4-Bromochlorobenzene-PID 8.67 " 8.00 108 50-150

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/13/20 14:10

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011034 - DRO Extraction EPA 3570

Blank (2011034-BLK1)

Prepared & Analyzed: 03/12/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	44.3		"	50.0		88.5	50-200			

LCS (2011034-BS1)

Prepared & Analyzed: 03/12/20 1

Diesel Range Organics (C10-C28)	442	25.0	mg/kg	500		88.3	38-132			
Surrogate: n-Nonane	48.5		"	50.0		97.1	50-200			

Matrix Spike (2011034-MS1)

Source: P003062-01

Prepared & Analyzed: 03/12/20 1

Diesel Range Organics (C10-C28)	425	25.0	mg/kg	500	ND	85.1	38-132			
Surrogate: n-Nonane	46.3		"	50.0		92.6	50-200			

Matrix Spike Dup (2011034-MSD1)

Source: P003062-01

Prepared & Analyzed: 03/12/20 1

Diesel Range Organics (C10-C28)	421	25.0	mg/kg	500	ND	84.2	38-132	1.01	20	
Surrogate: n-Nonane	46.1		"	50.0		92.3	50-200			

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/13/20 14:10
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011032 - Purge and Trap EPA 5030A

Blank (2011032-BLK1)

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		"	8.00		92.5	50-150			

LCS (2011032-BS2)

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	48.8	20.0	mg/kg	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		"	8.00		95.6	50-150			

Matrix Spike (2011032-MS2)

Source: P003058-01

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	46.8	20.0	mg/kg	50.0	ND	93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		"	8.00		94.0	50-150			

Matrix Spike Dup (2011032-MSD2)

Source: P003058-01

Prepared: 03/12/20 0 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	47.5	20.0	mg/kg	50.0	ND	95.0	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		"	8.00		94.8	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/13/20 14:10

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011033 - Anion Extraction EPA 300.0/9056A**Blank (2011033-BLK1)**

Prepared & Analyzed: 03/12/20 1

Chloride ND 20.0 mg/kg

LCS (2011033-BS1)

Prepared & Analyzed: 03/12/20 1

Chloride 253 20.0 mg/kg 250 101 90-110

Matrix Spike (2011033-MS1)**Source: P003062-01**

Prepared & Analyzed: 03/12/20 1

Chloride 257 20.0 mg/kg 250 ND 103 80-120

Matrix Spike Dup (2011033-MSD1)**Source: P003062-01**

Prepared & Analyzed: 03/12/20 1

Chloride 255 20.0 mg/kg 250 ND 102 80-120 0.629 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 may differ slightly.

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/13/20 14:10
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	

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.

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envirotech
Analytical Laboratory



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/13/2020

Job Number: 19054-0003

Work Order: P003073

Project Name/Location: N-Line Leak

Report Reviewed By:

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

Date: 3/16/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
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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.



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Leak
Project Number: 19054-0003
Project Manager: Jordyn Britain

Reported:
03/16/20 16:49

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP3-12'	P003073-01A	Soil	03/11/20	03/13/20	Glass Jar, 4 oz.
SP4-16'	P003073-02A	Soil	03/11/20	03/13/20	Glass Jar, 4 oz.
SP5-12'	P003073-03A	Soil	03/11/20	03/13/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

SP3-12'
P003073-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2011045	03/13/20	03/13/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		83.8 %		50-200	2011044	03/13/20	03/13/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %		50-150	2011045	03/13/20	03/13/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011041	03/13/20	03/13/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

SP4-16'
P003073-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011045	03/13/20	03/13/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		86.1 %		50-200	2011044	03/13/20	03/13/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %		50-150	2011045	03/13/20	03/13/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	31.9	20.0	mg/kg	1	2011041	03/13/20	03/13/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

SP5-12'
P003073-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2011045	03/13/20	03/13/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011044	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		86.8 %		50-200	2011044	03/13/20	03/13/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011045	03/13/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %		50-150	2011045	03/13/20	03/13/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011041	03/13/20	03/13/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011045 - Purge and Trap EPA 5030A

Blank (2011045-BLK1)

Prepared & Analyzed: 03/13/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.36		"	8.00		104	50-150			

LCS (2011045-BS1)

Prepared & Analyzed: 03/13/20 1

Benzene	5.00	0.0250	mg/kg	5.00		99.9	70-130			
Toluene	5.12	0.0250	"	5.00		102	70-130			
Ethylbenzene	5.08	0.0250	"	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	"	10.0		101	70-130			
o-Xylene	5.04	0.0250	"	5.00		101	70-130			
Total Xylenes	15.1	0.0250	"	15.0		101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.66		"	8.00		108	50-150			

Matrix Spike (2011045-MS1)

Source: P003066-01

Prepared: 03/13/20 1 Analyzed: 03/16/20 1

Benzene	5.03	0.0250	mg/kg	5.00	ND	101	54.3-133			
Toluene	5.08	0.0250	"	5.00	ND	102	61.4-130			
Ethylbenzene	4.96	0.0250	"	5.00	ND	99.1	61.4-133			
p,m-Xylene	9.83	0.0500	"	10.0	ND	98.3	63.3-131			
o-Xylene	4.97	0.0250	"	5.00	ND	99.4	63.3-131			
Total Xylenes	14.8	0.0250	"	15.0	ND	98.7	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.01		"	8.00		100	50-150			

Matrix Spike Dup (2011045-MSD1)

Source: P003066-01

Prepared & Analyzed: 03/13/20 1

Benzene	5.01	0.0250	mg/kg	5.00	ND	100	54.3-133	0.382	20	
Toluene	5.07	0.0250	"	5.00	ND	101	61.4-130	0.0975	20	
Ethylbenzene	5.04	0.0250	"	5.00	ND	101	61.4-133	1.64	20	
p,m-Xylene	9.99	0.0500	"	10.0	ND	99.9	63.3-131	1.59	20	
o-Xylene	4.98	0.0250	"	5.00	ND	99.7	63.3-131	0.265	20	
Total Xylenes	15.0	0.0250	"	15.0	ND	99.8	0-200	1.15	200	
Surrogate: 4-Bromochlorobenzene-PID	8.77		"	8.00		110	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011044 - DRO Extraction EPA 3570

Blank (2011044-BLK1)

Prepared & Analyzed: 03/13/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	42.6		"	50.0		85.1	50-200			

LCS (2011044-BS1)

Prepared & Analyzed: 03/13/20 1

Diesel Range Organics (C10-C28)	448	25.0	mg/kg	500		89.6	38-132			
Surrogate: n-Nonane	47.3		"	50.0		94.6	50-200			

Matrix Spike (2011044-MS1)

Source: P003072-01

Prepared & Analyzed: 03/13/20 1

Diesel Range Organics (C10-C28)	422	25.0	mg/kg	500	ND	84.4	38-132			
Surrogate: n-Nonane	40.4		"	50.0		80.8	50-200			

Matrix Spike Dup (2011044-MSD1)

Source: P003072-01

Prepared & Analyzed: 03/13/20 1

Diesel Range Organics (C10-C28)	418	25.0	mg/kg	500	ND	83.5	38-132	0.991	20	
Surrogate: n-Nonane	40.1		"	50.0		80.3	50-200			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011045 - Purge and Trap EPA 5030A

Blank (2011045-BLK1)

Prepared & Analyzed: 03/13/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		"	8.00		86.0	50-150			

LCS (2011045-BS2)

Prepared & Analyzed: 03/13/20 1

Gasoline Range Organics (C6-C10)	44.6	20.0	mg/kg	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		"	8.00		86.0	50-150			

Matrix Spike (2011045-MS2)

Source: P003066-01

Prepared & Analyzed: 03/13/20 1

Gasoline Range Organics (C6-C10)	46.0	20.0	mg/kg	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		"	8.00		88.5	50-150			

Matrix Spike Dup (2011045-MSD2)

Source: P003066-01

Prepared & Analyzed: 03/13/20 1

Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0	ND	94.5	70-130	2.64	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		"	8.00		88.4	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordyn Britain	03/16/20 16:49

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011041 - Anion Extraction EPA 300.0/9056A**Blank (2011041-BLK1)**

Prepared: 03/13/20 0 Analyzed: 03/14/20 0

Chloride	ND	20.0	mg/kg							
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LCS (2011041-BS1)

Prepared: 03/13/20 0 Analyzed: 03/13/20 1

Chloride	252	20.0	mg/kg	250		101	90-110			
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Matrix Spike (2011041-MS1)**Source: P003065-01**

Prepared: 03/13/20 0 Analyzed: 03/13/20 1

Chloride	283	20.0	mg/kg	250	30.4	101	80-120			
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Matrix Spike Dup (2011041-MSD1)**Source: P003065-01**

Prepared: 03/13/20 0 Analyzed: 03/13/20 1

Chloride	285	20.0	mg/kg	250	30.4	102	80-120	0.518	20	
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QC Summary Report**Comment:**

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

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/16/20 16:49
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Jordyn Britain	

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.

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envirotech
Analytical Laboratory



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/14/2020

Job Number: 19054-0003

Work Order: P003084

Project Name/Location: N-Line Leak

Report Reviewed By:

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

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.
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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.



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Leak
Project Number: 19054-0003
Project Manager: Guilleruo Garcia

Reported:
03/17/20 10:02

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4-3	P003084-01A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW3-2'	P003084-02A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW2-5'	P003084-03A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW1-10'	P003084-04A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
Background	P003084-05A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW4-3
P003084-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		78.6 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW3-2'
P003084-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>107 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>84.5 %</i>		<i>50-200</i>	<i>2011054</i>	<i>03/14/20</i>	<i>03/14/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>90.6 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW2-5'
P003084-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		82.5 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW1-10'
P003084-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		82.9 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Background
P003084-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		85.3 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011051 - Purge and Trap EPA 5030A

Blank (2011051-BLK1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.56		"	8.00		107	50-150			

LCS (2011051-BS1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	5.43	0.0250	mg/kg	5.00		109	70-130			
Toluene	5.44	0.0250	"	5.00		109	70-130			
Ethylbenzene	5.43	0.0250	"	5.00		109	70-130			
p,m-Xylene	10.8	0.0500	"	10.0		108	70-130			
o-Xylene	5.45	0.0250	"	5.00		109	70-130			
Total Xylenes	16.3	0.0250	"	15.0		108	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.69		"	8.00		109	50-150			

Matrix Spike (2011051-MS1)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	4.89	0.0250	mg/kg	5.00	ND	97.8	54.3-133			
Toluene	4.91	0.0250	"	5.00	ND	98.2	61.4-130			
Ethylbenzene	4.90	0.0250	"	5.00	ND	98.1	61.4-133			
p,m-Xylene	9.78	0.0500	"	10.0	ND	97.8	63.3-131			
o-Xylene	4.91	0.0250	"	5.00	ND	98.1	63.3-131			
Total Xylenes	14.7	0.0250	"	15.0	ND	97.9	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.62		"	8.00		108	50-150			

Matrix Spike Dup (2011051-MSD1)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	5.37	0.0250	mg/kg	5.00	ND	107	54.3-133	9.36	20	
Toluene	5.37	0.0250	"	5.00	ND	107	61.4-130	8.94	20	
Ethylbenzene	5.37	0.0250	"	5.00	ND	107	61.4-133	9.02	20	
p,m-Xylene	10.7	0.0500	"	10.0	ND	107	63.3-131	8.90	20	
o-Xylene	5.38	0.0250	"	5.00	ND	108	63.3-131	9.24	20	
Total Xylenes	16.1	0.0250	"	15.0	ND	107	0-200	9.01	200	
Surrogate: 4-Bromochlorobenzene-PID	8.62		"	8.00		108	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011054 - DRO Extraction EPA 3570

Blank (2011054-BLK1)

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	48.4		"	50.0		96.7	50-200			

LCS (2011054-BS1)

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	421	25.0	mg/kg	500		84.2	38-132			
Surrogate: n-Nonane	47.1		"	50.0		94.2	50-200			

Matrix Spike (2011054-MS1)

Source: P003075-01

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	432	25.0	mg/kg	500	ND	86.5	38-132			
Surrogate: n-Nonane	45.6		"	50.0		91.2	50-200			

Matrix Spike Dup (2011054-MSD1)

Source: P003075-01

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	423	25.0	mg/kg	500	ND	84.7	38-132	2.07	20	
Surrogate: n-Nonane	45.9		"	50.0		91.7	50-200			

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/17/20 10:02
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011051 - Purge and Trap EPA 5030A

Blank (2011051-BLK1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			

LCS (2011051-BS2)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	51.4	20.0	mg/kg	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		"	8.00		96.3	50-150			

Matrix Spike (2011051-MS2)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	45.1	20.0	mg/kg	50.0	ND	90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		"	8.00		94.2	50-150			

Matrix Spike Dup (2011051-MSD2)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	48.6	20.0	mg/kg	50.0	ND	97.2	70-130	7.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		"	8.00		93.2	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011053 - Anion Extraction EPA 300.0/9056A**Blank (2011053-BLK1)**

Prepared & Analyzed: 03/14/20 1

Chloride	ND	20.0	mg/kg							
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LCS (2011053-BS1)

Prepared & Analyzed: 03/14/20 1

Chloride	250	20.0	mg/kg	250		99.9	90-110			
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Matrix Spike (2011053-MS1)**Source: P003083-01**

Prepared & Analyzed: 03/14/20 1

Chloride	250	20.0	mg/kg	250	ND	100	80-120			
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Matrix Spike Dup (2011053-MSD1)**Source: P003083-01**

Prepared & Analyzed: 03/14/20 1

Chloride	250	20.0	mg/kg	250	ND	100	80-120	0.0880	20	
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QC Summary Report**Comment:**

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

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/17/20 10:02
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	

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.

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Additional Instructions:							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>G. J. Penabaz-Cruz</u>						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) <u>[Signature]</u>	Date <u>3.13.2020</u>	Time <u>1518</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3.13.2020</u>	Time <u>1515</u>	Lab Use Only Received on ice: <u>Y</u> / N	
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3.13.2020</u>	Time <u>1630</u>	Received by: (Signature) <u>Rene Lopez</u>	Date	Time	T1 _____ T2 _____ T3 _____	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.							



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/14/2020

Job Number: 19054-0003

Work Order: P003084

Project Name/Location: N-Line Leak

Report Reviewed By:

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

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.
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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.



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Leak
Project Number: 19054-0003
Project Manager: Guilleruo Garcia

Reported:
03/17/20 10:02

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4-3	P003084-01A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW3-2'	P003084-02A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW2-5'	P003084-03A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
SW1-10'	P003084-04A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.
Background	P003084-05A	Soil	03/12/20	03/14/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW4-3**P003084-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		78.6 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW3-2'
P003084-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>107 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>84.5 %</i>		<i>50-200</i>	<i>2011054</i>	<i>03/14/20</i>	<i>03/14/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>90.6 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW2-5'
P003084-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		82.5 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

SW1-10'
P003084-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>108 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>82.9 %</i>		<i>50-200</i>	<i>2011054</i>	<i>03/14/20</i>	<i>03/14/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>93.9 %</i>		<i>50-150</i>	<i>2011051</i>	<i>03/14/20</i>	<i>03/15/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Background
P003084-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2011051	03/14/20	03/15/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011054	03/14/20	03/14/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		85.3 %		50-200	2011054	03/14/20	03/14/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011051	03/14/20	03/15/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %		50-150	2011051	03/14/20	03/15/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2011053	03/14/20	03/14/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011051 - Purge and Trap EPA 5030A

Blank (2011051-BLK1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.56		"	8.00		107	50-150			

LCS (2011051-BS1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	5.43	0.0250	mg/kg	5.00		109	70-130			
Toluene	5.44	0.0250	"	5.00		109	70-130			
Ethylbenzene	5.43	0.0250	"	5.00		109	70-130			
p,m-Xylene	10.8	0.0500	"	10.0		108	70-130			
o-Xylene	5.45	0.0250	"	5.00		109	70-130			
Total Xylenes	16.3	0.0250	"	15.0		108	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.69		"	8.00		109	50-150			

Matrix Spike (2011051-MS1)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	4.89	0.0250	mg/kg	5.00	ND	97.8	54.3-133			
Toluene	4.91	0.0250	"	5.00	ND	98.2	61.4-130			
Ethylbenzene	4.90	0.0250	"	5.00	ND	98.1	61.4-133			
p,m-Xylene	9.78	0.0500	"	10.0	ND	97.8	63.3-131			
o-Xylene	4.91	0.0250	"	5.00	ND	98.1	63.3-131			
Total Xylenes	14.7	0.0250	"	15.0	ND	97.9	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.62		"	8.00		108	50-150			

Matrix Spike Dup (2011051-MSD1)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Benzene	5.37	0.0250	mg/kg	5.00	ND	107	54.3-133	9.36	20	
Toluene	5.37	0.0250	"	5.00	ND	107	61.4-130	8.94	20	
Ethylbenzene	5.37	0.0250	"	5.00	ND	107	61.4-133	9.02	20	
p,m-Xylene	10.7	0.0500	"	10.0	ND	107	63.3-131	8.90	20	
o-Xylene	5.38	0.0250	"	5.00	ND	108	63.3-131	9.24	20	
Total Xylenes	16.1	0.0250	"	15.0	ND	107	0-200	9.01	200	
Surrogate: 4-Bromochlorobenzene-PID	8.62		"	8.00		108	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011054 - DRO Extraction EPA 3570

Blank (2011054-BLK1)

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	48.4		"	50.0		96.7	50-200			

LCS (2011054-BS1)

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	421	25.0	mg/kg	500		84.2	38-132			
Surrogate: n-Nonane	47.1		"	50.0		94.2	50-200			

Matrix Spike (2011054-MS1)

Source: P003075-01

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	432	25.0	mg/kg	500	ND	86.5	38-132			
Surrogate: n-Nonane	45.6		"	50.0		91.2	50-200			

Matrix Spike Dup (2011054-MSD1)

Source: P003075-01

Prepared & Analyzed: 03/14/20 1

Diesel Range Organics (C10-C28)	423	25.0	mg/kg	500	ND	84.7	38-132	2.07	20	
Surrogate: n-Nonane	45.9		"	50.0		91.7	50-200			

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/17/20 10:02
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011051 - Purge and Trap EPA 5030A

Blank (2011051-BLK1)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			

LCS (2011051-BS2)

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	51.4	20.0	mg/kg	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		"	8.00		96.3	50-150			

Matrix Spike (2011051-MS2)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	45.1	20.0	mg/kg	50.0	ND	90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		"	8.00		94.2	50-150			

Matrix Spike Dup (2011051-MSD2)

Source: P003083-01

Prepared: 03/14/20 1 Analyzed: 03/15/20 1

Gasoline Range Organics (C6-C10)	48.6	20.0	mg/kg	50.0	ND	97.2	70-130	7.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		"	8.00		93.2	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	03/17/20 10:02

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2011053 - Anion Extraction EPA 300.0/9056A**Blank (2011053-BLK1)**

Prepared & Analyzed: 03/14/20 1

Chloride ND 20.0 mg/kg

LCS (2011053-BS1)

Prepared & Analyzed: 03/14/20 1

Chloride 250 20.0 mg/kg 250 99.9 90-110

Matrix Spike (2011053-MS1)**Source: P003083-01**

Prepared & Analyzed: 03/14/20 1

Chloride 250 20.0 mg/kg 250 ND 100 80-120

Matrix Spike Dup (2011053-MSD1)**Source: P003083-01**

Prepared & Analyzed: 03/14/20 1

Chloride 250 20.0 mg/kg 250 ND 100 80-120 0.0880 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 may differ slightly.

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/17/20 10:02
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Guilleruo Garcia	

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.

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envirotech
Analytical Laboratory



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/19/2020

Job Number: 19054-0003

Work Order: P003097

Project Name/Location: DCP N-Line Leak tie-in

Report Reviewed By:

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

Date: 3/19/20

Walter Hinchman, Laboratory Director



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



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: DCP N-Line Leak tie-in
Project Number: 19054-0003
Project Manager: Jordan Britain

Reported:
03/19/20 15:53

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1-14'	P003097-01A	Soil	03/16/20	03/19/20	Glass Jar, 4 oz.
SP2-14'	P003097-02A	Soil	03/16/20	03/19/20	Glass Jar, 4 oz.
SW3-6'	P003097-03A	Soil	03/16/20	03/19/20	Glass Jar, 4 oz.
SW4-4'	P003097-04A	Soil	03/16/20	03/19/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

SP1-14'
P003097-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>101 %</i>		<i>50-150</i>	<i>2012025</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>91.0 %</i>		<i>50-200</i>	<i>2012019</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>85.5 %</i>		<i>50-150</i>	<i>2012025</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

SP2-14'
P003097-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %		50-150	2012025	03/19/20	03/19/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	35.6	25.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		85.0 %		50-200	2012019	03/19/20	03/19/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.4 %		50-150	2012025	03/19/20	03/19/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

SW3-6'
P003097-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>105 %</i>		<i>50-150</i>	<i>2012025</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>88.4 %</i>		<i>50-200</i>	<i>2012019</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>92.8 %</i>		<i>50-150</i>	<i>2012025</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

SW4-4'
P003097-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2012025	03/19/20	03/19/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012019	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		79.7 %		50-200	2012019	03/19/20	03/19/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012025	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %		50-150	2012025	03/19/20	03/19/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012025 - Purge and Trap EPA 5030A

Blank (2012025-BLK1)

Prepared & Analyzed: 03/18/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.09		"	8.00		101	50-150			

LCS (2012025-BS1)

Prepared & Analyzed: 03/18/20 1

Benzene	5.10	0.0250	mg/kg	5.00		102	70-130			
Toluene	5.12	0.0250	"	5.00		102	70-130			
Ethylbenzene	5.12	0.0250	"	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	"	10.0		102	70-130			
o-Xylene	5.12	0.0250	"	5.00		102	70-130			
Total Xylenes	15.4	0.0250	"	15.0		102	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.40		"	8.00		105	50-150			

Matrix Spike (2012025-MS1)

Source: P003095-01

Prepared & Analyzed: 03/18/20 1

Benzene	5.21	0.0250	mg/kg	5.00	ND	104	54.3-133			
Toluene	5.23	0.0250	"	5.00	ND	105	61.4-130			
Ethylbenzene	5.23	0.0250	"	5.00	ND	105	61.4-133			
p,m-Xylene	10.4	0.0500	"	10.0	ND	104	63.3-131			
o-Xylene	5.23	0.0250	"	5.00	ND	105	63.3-131			
Total Xylenes	15.7	0.0250	"	15.0	ND	104	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.43		"	8.00		105	50-150			

Matrix Spike Dup (2012025-MSD1)

Source: P003095-01

Prepared & Analyzed: 03/18/20 1

Benzene	5.04	0.0250	mg/kg	5.00	ND	101	54.3-133	3.23	20	
Toluene	5.04	0.0250	"	5.00	ND	101	61.4-130	3.67	20	
Ethylbenzene	5.03	0.0250	"	5.00	ND	101	61.4-133	3.80	20	
p,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131	3.77	20	
o-Xylene	5.05	0.0250	"	5.00	ND	101	63.3-131	3.52	20	
Total Xylenes	15.1	0.0250	"	15.0	ND	101	0-200	3.68	200	
Surrogate: 4-Bromochlorobenzene-PID	8.52		"	8.00		106	50-150			

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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012019 - DRO Extraction EPA 3570

Blank (2012019-BLK1)

Prepared & Analyzed: 03/18/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	43.7		"	50.0		87.3	50-200			

LCS (2012019-BS1)

Prepared: 03/18/20 1 Analyzed: 03/18/20 2

Diesel Range Organics (C10-C28)	432	25.0	mg/kg	500		86.4	38-132			
Surrogate: n-Nonane	46.0		"	50.0		92.0	50-200			

Matrix Spike (2012019-MS1)

Source: P003096-01

Prepared: 03/18/20 1 Analyzed: 03/18/20 2

Diesel Range Organics (C10-C28)	419	25.0	mg/kg	500	ND	83.9	38-132			
Surrogate: n-Nonane	44.9		"	50.0		89.7	50-200			

Matrix Spike Dup (2012019-MSD1)

Source: P003096-01

Prepared: 03/18/20 1 Analyzed: 03/18/20 2

Diesel Range Organics (C10-C28)	424	25.0	mg/kg	500	ND	84.8	38-132	1.08	20	
Surrogate: n-Nonane	44.0		"	50.0		87.9	50-200			

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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012025 - Purge and Trap EPA 5030A

Blank (2012025-BLK1)

Prepared & Analyzed: 03/18/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		"	8.00		94.6	50-150			

LCS (2012025-BS2)

Prepared & Analyzed: 03/18/20 1

Gasoline Range Organics (C6-C10)	47.1	20.0	mg/kg	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		"	8.00		92.8	50-150			

Matrix Spike (2012025-MS2)

Source: P003095-01

Prepared & Analyzed: 03/18/20 1

Gasoline Range Organics (C6-C10)	47.1	20.0	mg/kg	50.0	ND	94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		"	8.00		95.1	50-150			

Matrix Spike Dup (2012025-MSD2)

Source: P003095-01

Prepared & Analyzed: 03/18/20 1

Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0	ND	94.6	70-130	0.442	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		"	8.00		94.3	50-150			

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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Jordan Britain	03/19/20 15:53

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012026 - Anion Extraction EPA 300.0/9056A**Blank (2012026-BLK1)**

Prepared & Analyzed: 03/19/20 0

Chloride	ND	20.0	mg/kg							
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LCS (2012026-BS1)

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	252	20.0	mg/kg	250		101	90-110			
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Matrix Spike (2012026-MS1)**Source: P003097-01**

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	262	20.0	mg/kg	250	ND	105	80-120			
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Matrix Spike Dup (2012026-MSD1)**Source: P003097-01**

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	261	20.0	mg/kg	250	ND	104	80-120	0.210	20	
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QC Summary Report**Comment:**

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

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DCP Midstream	Project Name:	DCP N-Line Leak tie-in	Reported: 03/19/20 15:53
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Jordan Britain	

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.

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Analytical Laboratory



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/19/2020

Job Number: 19054-0003

Work Order: P003099

Project Name/Location: N-Line Riser

Report Reviewed By:

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

Date: 3/20/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
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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.



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Riser
Project Number: 19054-0003
Project Manager: Natalie Gladden

Reported:
03/20/20 11:58

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW2-3'	P003099-01A	Soil	03/17/20	03/19/20	Glass Jar, 4 oz.
SW1-3'	P003099-02A	Soil	03/17/20	03/19/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/20/20 11:58

SW2-3'
P003099-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>104 %</i>		<i>50-150</i>	<i>2012028</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2012027	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012027	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>84.9 %</i>		<i>50-200</i>	<i>2012027</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>94.5 %</i>		<i>50-150</i>	<i>2012028</i>	<i>03/19/20</i>	<i>03/19/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/20/20 11:58

SW1-3'
P003099-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2012028	03/19/20	03/19/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2012027	03/19/20	03/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2012027	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		84.1 %		50-200	2012027	03/19/20	03/19/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2012028	03/19/20	03/19/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %		50-150	2012028	03/19/20	03/19/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2012026	03/19/20	03/19/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/20/20 11:58

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012028 - Purge and Trap EPA 5030A

Blank (2012028-BLK1)

Prepared & Analyzed: 03/19/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 8.52 " 8.00 106 50-150

LCS (2012028-BS1)

Prepared & Analyzed: 03/19/20 1

Benzene	4.98	0.0250	mg/kg	5.00		99.7	70-130			
Toluene	5.01	0.0250	"	5.00		100	70-130			
Ethylbenzene	5.02	0.0250	"	5.00		100	70-130			
p,m-Xylene	10.0	0.0500	"	10.0		100	70-130			
o-Xylene	5.03	0.0250	"	5.00		101	70-130			
Total Xylenes	15.1	0.0250	"	15.0		100	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.53 " 8.00 107 50-150

Matrix Spike (2012028-MS1)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Benzene	5.04	0.0250	mg/kg	5.00	ND	101	54.3-133			
Toluene	5.06	0.0250	"	5.00	ND	101	61.4-130			
Ethylbenzene	5.05	0.0250	"	5.00	ND	101	61.4-133			
p,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131			
o-Xylene	5.05	0.0250	"	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0250	"	15.0	ND	101	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.61 " 8.00 108 50-150

Matrix Spike Dup (2012028-MSD1)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Benzene	4.82	0.0250	mg/kg	5.00	ND	96.4	54.3-133	4.47	20	
Toluene	4.82	0.0250	"	5.00	ND	96.4	61.4-130	4.88	20	
Ethylbenzene	4.82	0.0250	"	5.00	ND	96.4	61.4-133	4.78	20	
p,m-Xylene	9.63	0.0500	"	10.0	ND	96.3	63.3-131	4.73	20	
o-Xylene	4.83	0.0250	"	5.00	ND	96.6	63.3-131	4.49	20	
Total Xylenes	14.5	0.0250	"	15.0	ND	96.4	0-200	4.65	200	

Surrogate: 4-Bromochlorobenzene-PID 8.46 " 8.00 106 50-150

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/20/20 11:58

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012027 - DRO Extraction EPA 3570

Blank (2012027-BLK1)

Prepared & Analyzed: 03/19/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	50.8		"	50.0		102	50-200			

LCS (2012027-BS1)

Prepared & Analyzed: 03/19/20 1

Diesel Range Organics (C10-C28)	412	25.0	mg/kg	500		82.4	38-132			
Surrogate: n-Nonane	45.3		"	50.0		90.6	50-200			

Matrix Spike (2012027-MS1)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Diesel Range Organics (C10-C28)	416	25.0	mg/kg	500	ND	83.3	38-132			
Surrogate: n-Nonane	44.6		"	50.0		89.3	50-200			

Matrix Spike Dup (2012027-MSD1)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Diesel Range Organics (C10-C28)	412	25.0	mg/kg	500	ND	82.4	38-132	1.12	20	
Surrogate: n-Nonane	43.7		"	50.0		87.5	50-200			

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DCP Midstream	Project Name:	N-Line Riser	Reported: 03/20/20 11:58
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012028 - Purge and Trap EPA 5030A

Blank (2012028-BLK1)

Prepared & Analyzed: 03/19/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		"	8.00		92.1	50-150			

LCS (2012028-BS2)

Prepared & Analyzed: 03/19/20 1

Gasoline Range Organics (C6-C10)	51.2	20.0	mg/kg	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		"	8.00		94.1	50-150			

Matrix Spike (2012028-MS2)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Gasoline Range Organics (C6-C10)	46.5	20.0	mg/kg	50.0	ND	93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		"	8.00		95.0	50-150			

Matrix Spike Dup (2012028-MSD2)

Source: P003099-01

Prepared & Analyzed: 03/19/20 1

Gasoline Range Organics (C6-C10)	47.2	20.0	mg/kg	50.0	ND	94.5	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		"	8.00		92.0	50-150			

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/20/20 11:58

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2012026 - Anion Extraction EPA 300.0/9056A**Blank (2012026-BLK1)**

Prepared & Analyzed: 03/19/20 0

Chloride	ND	20.0	mg/kg							
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LCS (2012026-BS1)

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	252	20.0	mg/kg	250		101	90-110			
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Matrix Spike (2012026-MS1)**Source: P003097-01**

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	262	20.0	mg/kg	250	ND	105	80-120			
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Matrix Spike Dup (2012026-MSD1)**Source: P003097-01**

Prepared: 03/19/20 0 Analyzed: 03/19/20 1

Chloride	261	20.0	mg/kg	250	ND	104	80-120	0.210	20	
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QC Summary Report**Comment:**

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

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DCP Midstream	Project Name:	N-Line Riser	Reported: 03/20/20 11:58
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

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.

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Analytical Laboratory

Ph (505) 632-1881. Fx (505) 632-1855

envirotech-inc.com
labadmin@envirotech-inc.com



Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/24/2020

Job Number: 19054-0003

Work Order: P003115

Project Name/Location: N-Line Riser

Report Reviewed By:

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

Date: 3/25/20

Walter Hinchman, Laboratory Director



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DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Riser
Project Number: 19054-0003
Project Manager: Natalie Gladden

Reported:
03/25/20 15:44

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1- Comp Bottom Hole	P003115-01A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP2- Comp Bottom Hole	P003115-02A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP3- Comp Bottom Hole	P003115-03A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP4- Comp Bottom Hole	P003115-04A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP5- Comp Bottom Hole	P003115-05A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
Comp- Bottom Hole - Area 2	P003115-06A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW1	P003115-07A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW2	P003115-08A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW3	P003115-09A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW4	P003115-10A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW5	P003115-11A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW6	P003115-12A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW7	P003115-13A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW8	P003115-14A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

**SP1- Comp Bottom Hole
P003115-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	522	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	92.7	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		78.9 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

**SP2- Comp Bottom Hole
P003115-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	0.228	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	0.795	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	1.52	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	0.700	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	2.22	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>112 %</i>		<i>50-150</i>	<i>2013005</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	2910	125	mg/kg	5	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	520	250	mg/kg	5	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>101 %</i>		<i>50-200</i>	<i>2013008</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	63.3	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>97.2 %</i>		<i>50-150</i>	<i>2013005</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SP3- Comp Bottom Hole
P003115-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		74.6 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

**SP4- Comp Bottom Hole
P003115-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		82.3 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.4 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

**SP5- Comp Bottom Hole
P003115-05 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		92.6 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

Comp- Bottom Hole - Area 2
P003115-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	474	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	198	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		106 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW1**P003115-07 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		88.9 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW2**P003115-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		88.7 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW3**P003115-09 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		87.5 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW4**P003115-10 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		90.4 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW5**P003115-11 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	53.3	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		89.4 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW6**P003115-12 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		90.3 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW7**P003115-13 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		92.0 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

SW8**P003115-14 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013005	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013008	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		91.5 %		50-200	2013008	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013005	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %		50-150	2013005	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013009	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013005 - Purge and Trap EPA 5030A

Blank (2013005-BLK1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.42		"	8.00		105	50-150			

LCS (2013005-BS1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	5.17	0.0250	mg/kg	5.00		103	70-130			
Toluene	5.18	0.0250	"	5.00		104	70-130			
Ethylbenzene	5.16	0.0250	"	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	"	10.0		103	70-130			
o-Xylene	5.22	0.0250	"	5.00		104	70-130			
Total Xylenes	15.5	0.0250	"	15.0		104	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.59		"	8.00		107	50-150			

Matrix Spike (2013005-MS1)

Source: P003114-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	4.94	0.0250	mg/kg	5.00	ND	98.8	54.3-133			
Toluene	4.96	0.0250	"	5.00	ND	99.1	61.4-130			
Ethylbenzene	4.94	0.0250	"	5.00	ND	98.9	61.4-133			
p,m-Xylene	9.89	0.0500	"	10.0	ND	98.9	63.3-131			
o-Xylene	4.99	0.0250	"	5.00	ND	99.8	63.3-131			
Total Xylenes	14.9	0.0250	"	15.0	ND	99.2	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.79		"	8.00		110	50-150			

Matrix Spike Dup (2013005-MSD1)

Source: P003114-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	5.14	0.0250	mg/kg	5.00	ND	103	54.3-133	3.93	20	
Toluene	5.13	0.0250	"	5.00	ND	103	61.4-130	3.48	20	
Ethylbenzene	5.11	0.0250	"	5.00	ND	102	61.4-133	3.35	20	
p,m-Xylene	10.2	0.0500	"	10.0	ND	102	63.3-131	3.20	20	
o-Xylene	5.16	0.0250	"	5.00	ND	103	63.3-131	3.47	20	
Total Xylenes	15.4	0.0250	"	15.0	ND	102	0-200	3.29	200	
Surrogate: 4-Bromochlorobenzene-PID	8.50		"	8.00		106	50-150			

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013008 - DRO Extraction EPA 3570

Blank (2013008-BLK1)

Prepared & Analyzed: 03/24/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	47.3		"	50.0		94.6	50-200			

LCS (2013008-BS1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Diesel Range Organics (C10-C28)	468	25.0	mg/kg	500		93.7	38-132			
Surrogate: n-Nonane	49.4		"	50.0		98.7	50-200			

Matrix Spike (2013008-MS1)

Source: P003115-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Diesel Range Organics (C10-C28)	1170	25.0	mg/kg	500	522	129	38-132			
Surrogate: n-Nonane	60.8		"	50.0		122	50-200			

Matrix Spike Dup (2013008-MSD1)

Source: P003115-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Diesel Range Organics (C10-C28)	1270	25.0	mg/kg	500	522	151	38-132	8.64	20	M1
Surrogate: n-Nonane	60.7		"	50.0		121	50-200			

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013005 - Purge and Trap EPA 5030A

Blank (2013005-BLK1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		"	8.00		90.8	50-150			

LCS (2013005-BS2)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	44.3	20.0	mg/kg	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		"	8.00		93.1	50-150			

Matrix Spike (2013005-MS2)

Source: P003114-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	46.0	20.0	mg/kg	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		"	8.00		91.7	50-150			

Matrix Spike Dup (2013005-MSD2)

Source: P003114-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	45.3	20.0	mg/kg	50.0	ND	90.6	70-130	1.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		"	8.00		91.8	50-150			

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DCP Midstream	Project Name:	N-Line Riser	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/25/20 15:44

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013009 - Anion Extraction EPA 300.0/9056A**Blank (2013009-BLK1)**

Prepared & Analyzed: 03/24/20 1

Chloride	ND	20.0	mg/kg							
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LCS (2013009-BS1)

Prepared & Analyzed: 03/24/20 1

Chloride	250	20.0	mg/kg	250		100	90-110			
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Matrix Spike (2013009-MS1)**Source: P003114-01**

Prepared & Analyzed: 03/24/20 1

Chloride	250	20.0	mg/kg	250	ND	99.9	80-120			
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Matrix Spike Dup (2013009-MSD1)**Source: P003114-01**

Prepared & Analyzed: 03/24/20 1

Chloride	253	20.0	mg/kg	250	ND	101	80-120	1.32	20	
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QC Summary Report**Comment:**

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

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DCP Midstream	Project Name:	N-Line Riser	Reported: 03/25/20 15:44
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

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.

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Analytical Report

Report Summary

Client: DCP Midstream

Samples Received: 3/24/2020

Job Number: 19054-0003

Work Order: P003116

Project Name/Location: N-Line Leak

Report Reviewed By:

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

Date: 3/25/20

Walter Hinchman, Laboratory Director



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



DCP Midstream
PO box 1058
Hobbs NM, 88240

Project Name: N-Line Leak
Project Number: 19054-0003
Project Manager: Dakoatah Montanez

Reported:
03/25/20 15:46

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - Comp Bottom Hole	P003116-01A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP2 - Comp Bottom Hole	P003116-02A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP3 - Comp Bottom Hole	P003116-03A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP4 - Comp Bottom Hole	P003116-04A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SP5 - Comp Bottom Hole	P003116-05A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
Mix Comp - Area 1 BH	P003116-06A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW1	P003116-07A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW2	P003116-08A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW3	P003116-09A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW4	P003116-10A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW5	P003116-11A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW6	P003116-12A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW7	P003116-13A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.
SW8	P003116-14A	Soil	03/20/20	03/24/20	Glass Jar, 4 oz.

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SP1 - Comp Bottom Hole**P003116-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	0.0527	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	0.141	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	0.0516	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	0.193	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>107 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	1780	250	mg/kg	10	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	569	500	mg/kg	10	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>108 %</i>		<i>50-200</i>	<i>2013007</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>87.3 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SP2 - Comp Bottom Hole**P003116-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	0.0303	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	0.324	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	0.741	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	0.319	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	1.06	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>114 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	3390	250	mg/kg	10	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	1190	500	mg/kg	10	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>113 %</i>		<i>50-200</i>	<i>2013007</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	34.3	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>92.3 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SP3 - Comp Bottom Hole
P003116-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	0.161	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	0.359	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	0.142	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	0.500	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>109 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	1280	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	398	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>102 %</i>		<i>50-200</i>	<i>2013007</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>90.6 %</i>		<i>50-150</i>	<i>2013006</i>	<i>03/24/20</i>	<i>03/24/20</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SP4 - Comp Bottom Hole**P003116-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		73.9 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SP5 - Comp Bottom Hole
P003116-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	25.3	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		73.1 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

Mix Comp - Area 1 BH**P003116-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	1330	50.0	mg/kg	2	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	514	100	mg/kg	2	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		94.8 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW1**P003116-07 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	178	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	82.9	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		97.7 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW2**P003116-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		84.9 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW3**P003116-09 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	53.6	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		89.4 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW4**P003116-10 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		80.0 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW5**P003116-11 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2013006	03/24/20	03/25/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		88.7 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/25/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %		50-150	2013006	03/24/20	03/25/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW6**P003116-12 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		81.1 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/24/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW7**P003116-13 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		87.5 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/25/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

SW8**P003116-14 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2013006	03/24/20	03/24/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2013007	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		90.9 %		50-200	2013007	03/24/20	03/24/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2013006	03/24/20	03/24/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %		50-150	2013006	03/24/20	03/24/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2013010	03/24/20	03/25/20	EPA 300.0/9056A	
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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013006 - Purge and Trap EPA 5030A

Blank (2013006-BLK1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.34		"	8.00		104	50-150			

LCS (2013006-BS1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	4.78	0.0250	mg/kg	5.00		95.7	70-130			
Toluene	4.94	0.0250	"	5.00		98.8	70-130			
Ethylbenzene	4.90	0.0250	"	5.00		98.0	70-130			
p,m-Xylene	9.73	0.0500	"	10.0		97.3	70-130			
o-Xylene	4.84	0.0250	"	5.00		96.8	70-130			
Total Xylenes	14.6	0.0250	"	15.0		97.1	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.50		"	8.00		106	50-150			

Matrix Spike (2013006-MS1)

Source: P003116-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	5.01	0.0250	mg/kg	5.00	ND	100	54.3-133			
Toluene	5.10	0.0250	"	5.00	ND	102	61.4-130			
Ethylbenzene	5.18	0.0250	"	5.00	0.0527	103	61.4-133			
p,m-Xylene	10.3	0.0500	"	10.0	0.141	101	63.3-131			
o-Xylene	5.13	0.0250	"	5.00	0.0516	102	63.3-131			
Total Xylenes	15.4	0.0250	"	15.0	0.193	101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.72		"	8.00		109	50-150			

Matrix Spike Dup (2013006-MSD1)

Source: P003116-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Benzene	4.98	0.0250	mg/kg	5.00	ND	99.6	54.3-133	0.558	20	
Toluene	5.10	0.0250	"	5.00	ND	102	61.4-130	0.122	20	
Ethylbenzene	5.13	0.0250	"	5.00	0.0527	102	61.4-133	0.954	20	
p,m-Xylene	10.2	0.0500	"	10.0	0.141	100	63.3-131	1.06	20	
o-Xylene	5.11	0.0250	"	5.00	0.0516	101	63.3-131	0.425	20	
Total Xylenes	15.3	0.0250	"	15.0	0.193	100	0-200	0.846	200	
Surrogate: 4-Bromochlorobenzene-PID	8.71		"	8.00		109	50-150			

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/25/20 15:46
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013007 - DRO Extraction EPA 3570

Blank (2013007-BLK1)

Prepared & Analyzed: 03/24/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	50.3		"	50.0		101	50-200			

LCS (2013007-BS1)

Prepared & Analyzed: 03/24/20 1

Diesel Range Organics (C10-C28)	455	25.0	mg/kg	500		90.9	38-132			
Surrogate: n-Nonane	48.9		"	50.0		97.8	50-200			

Matrix Spike (2013007-MS1)

Source: P003116-01

Prepared & Analyzed: 03/24/20 1

Diesel Range Organics (C10-C28)	2380	250	mg/kg	500	1780	119	38-132			
Surrogate: n-Nonane	57.0		"	50.0		114	50-200			

Matrix Spike Dup (2013007-MSD1)

Source: P003116-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Diesel Range Organics (C10-C28)	3090	250	mg/kg	500	1780	262	38-132	26.1	20	M1, R3
Surrogate: n-Nonane	60.3		"	50.0		121	50-200			

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/25/20 15:46
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013006 - Purge and Trap EPA 5030A

Blank (2013006-BLK1)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		"	8.00		86.8	50-150			

LCS (2013006-BS2)

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	50.1	20.0	mg/kg	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		"	8.00		88.0	50-150			

Matrix Spike (2013006-MS2)

Source: P003116-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	68.2	20.0	mg/kg	50.0	ND	136	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		"	8.00		88.4	50-150			

Matrix Spike Dup (2013006-MSD2)

Source: P003116-01

Prepared: 03/24/20 1 Analyzed: 03/24/20 2

Gasoline Range Organics (C6-C10)	61.4	20.0	mg/kg	50.0	ND	123	70-130	10.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		"	8.00		88.9	50-150			

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DCP Midstream	Project Name:	N-Line Leak	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	03/25/20 15:46

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2013010 - Anion Extraction EPA 300.0/9056A**Blank (2013010-BLK1)**

Prepared & Analyzed: 03/24/20 1

Chloride ND 20.0 mg/kg

LCS (2013010-BS1)

Prepared & Analyzed: 03/24/20 1

Chloride 249 20.0 mg/kg 250 99.7 90-110

Matrix Spike (2013010-MS1)**Source: P003116-01**

Prepared: 03/24/20 1 Analyzed: 03/25/20 0

Chloride 257 20.0 mg/kg 250 ND 103 80-120

Matrix Spike Dup (2013010-MSD1)**Source: P003116-01**

Prepared: 03/24/20 1 Analyzed: 03/25/20 0

Chloride 254 20.0 mg/kg 250 ND 102 80-120 0.900 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 may differ slightly.

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DCP Midstream	Project Name:	N-Line Leak	Reported: 03/25/20 15:46
PO box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Dakoatah Montanez	

Notes and Definitions

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

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

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.

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Client: DAP N-Line Leak Hungry Horse
 Project: D. Montanez
 Project Manager: D. Montanez
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Report due by: _____

Bill To
 Attention: Natalie Gladden
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: ngladden@hungry-horse.com

Lab Use Only
 Lab WO# P003116 Job Number 19054-0003
 Analysis and Method: _____

TAT
 1D X 3D _____

EPA Program
 RCRA _____ CWA _____ SDWA _____
 State: _____
 NM CO UT AZ
 TX OK _____

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX	Remarks
11:51	3/24/20	S	1	SP1 - Comp Bottom Hole	1							X		
11:53	3/24/20			SP2 - Comp Bottom Hole	2									
11:57	3/24/20			SP3 - Comp Bottom Hole	3									
11:59	3/24/20			SP4 - Comp Bottom Hole	4									
12:04	3/20/20			SP5 - Comp Bottom Hole	5									
12:18	3/20/20			Mix Comp - Areal BH	6									
1:48	3/20/20			SW1 - Comp	7									
1:54	3/20/20			SW2 - Comp	8									
2:00	3/20/20			SW3 -	9									
2:08	3/20/20			SW4	10									

Additional Instructions:

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

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) <u>[Signature]</u>	Date <u>3/23/20</u>	Time <u>12:35</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-23-2020</u>	Time <u>1235</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-23-2020</u>	Time <u>1430</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3/24/20</u>	Time <u>9:30</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

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

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

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



5795 US Highway 64, Farmington, NM 87401
 24 Hour Emergency Response Phone (505) 362-1879

Ph (505) 632-1881 Fx (505) 632-1855

envirotech-inc.com
 labadmin@envirotech-inc.com

Client: DCP N-Line Leak Hungry Horse
 Project: Natalie Gadden
 Project Manager: J Montanez
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: ngladden@hungry-horse.com
 Report due by: _____

Attention: Natalie Gadden
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: ngladden@hungry-horse.com

Lab Use Only
 Lab WO# P003116 Job Number 19054003
 Analysis and Method

TAT
 1D X 3D _____

EPA Program
 RCRA _____ CWA _____ SDWA _____

State
 NM _____ CO _____ UT _____ AZ _____
 TX _____ OK _____

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX	Remarks
2:06	3/20/20	S	1	SW5	11							X		
2:10	3/20/20			SW6	12									
2:16	3/20/20			SW7	13									
2:22	3/20/20			SW8	14									

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: _____

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 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Natalie Gadden</u>	3/23/20	12:35	<u>Rafael Lopez</u>	3-23-2020	1235
<u>J Montanez</u>	3-23-2020	1430	<u>Rafael Lopez</u>	3/24/20	9:30
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

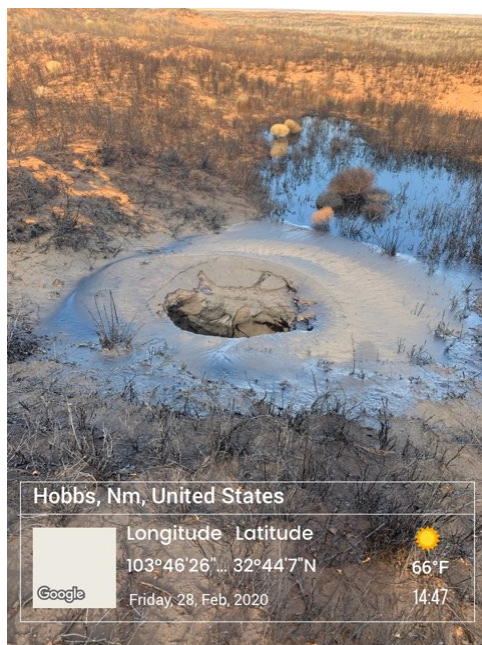
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

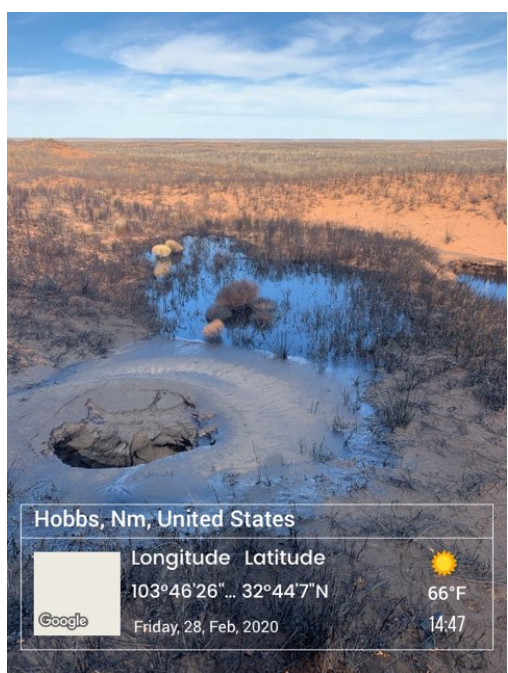
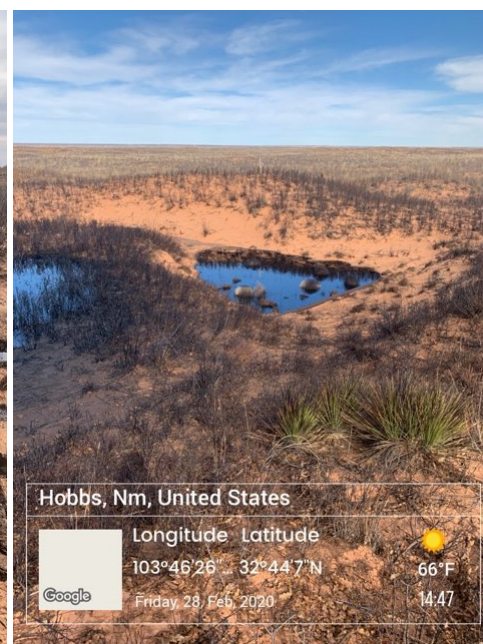
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this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

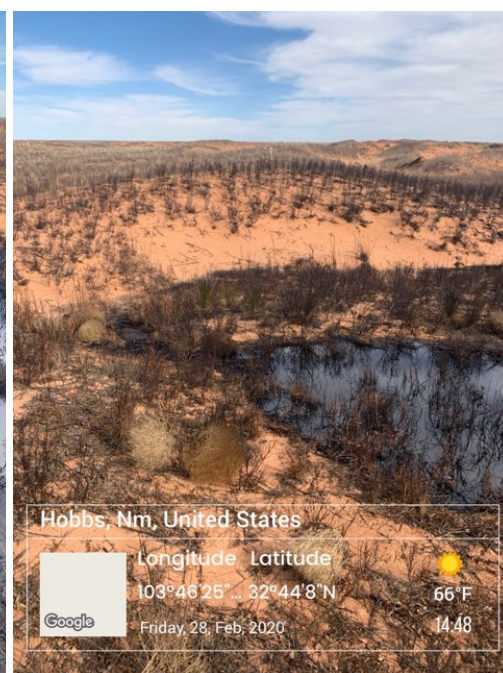
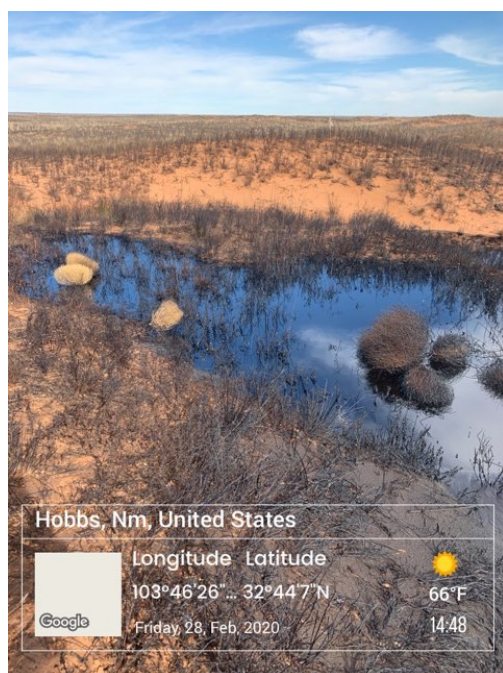


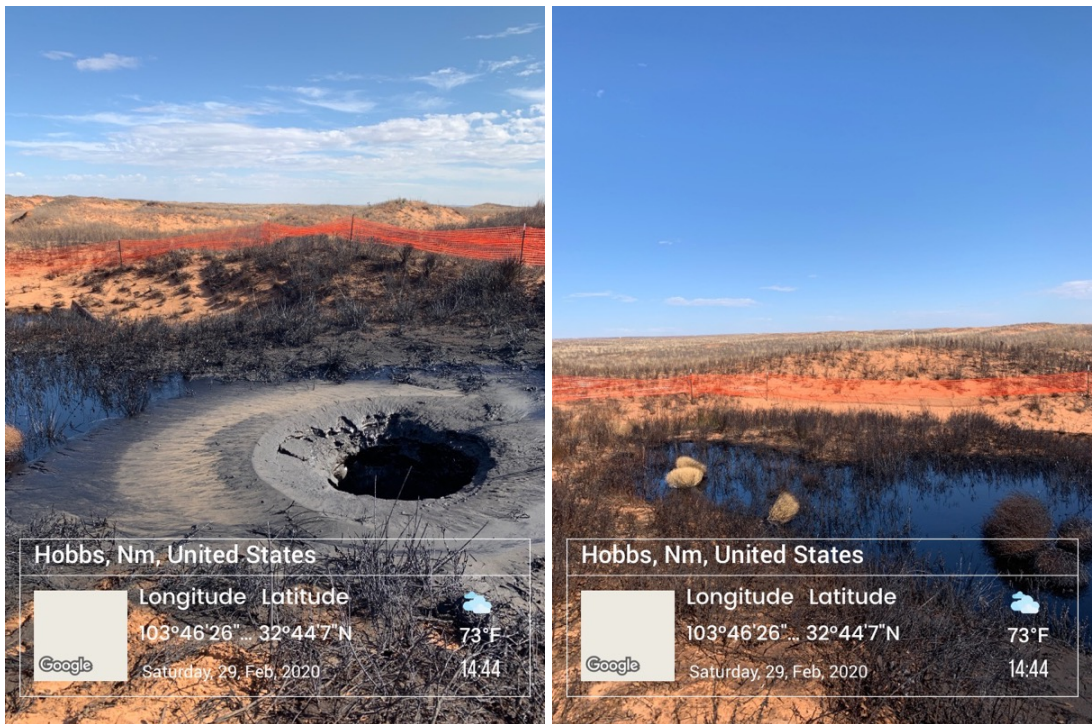
DCP MIDSTREAM N-LINE LEAK

BEGINNING PHOTOS – RELEASE DATE 02/28/2020











DCP MIDSTREAM N-LINE LEAK

ROAD PHOTOS – RELEASE DATE 02/28/2020







DCP MIDSTREAM N-LINE LEAK

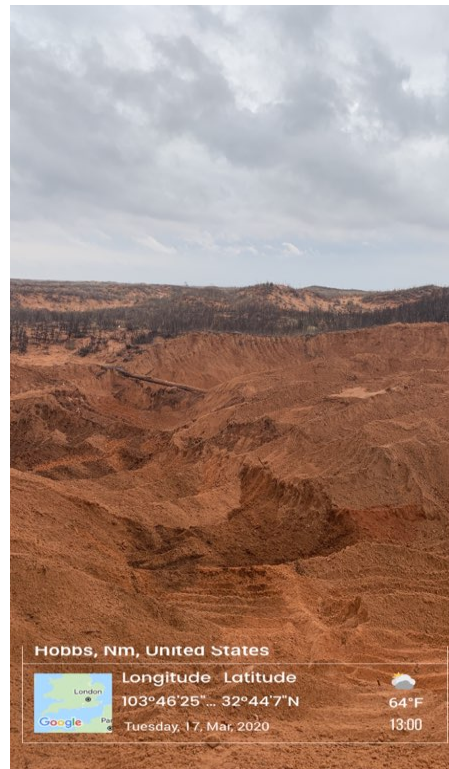
DURING PHOTOS – RELEASE DATE 02/28/2020



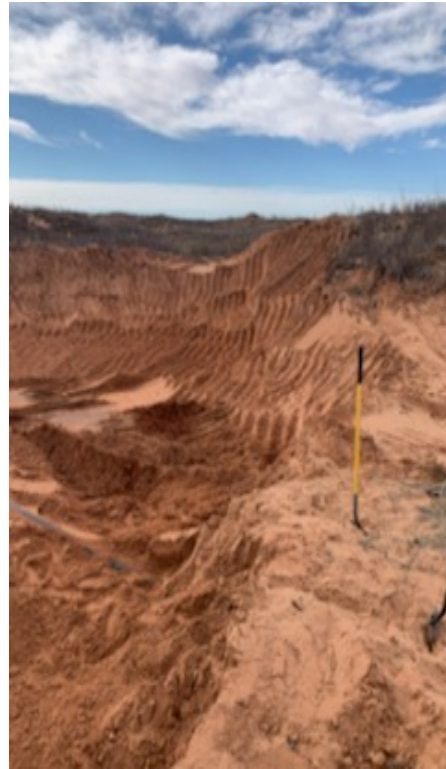












Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	430__ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Incident ID	
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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.

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory

Signature:  Date: 04/16/2020

email: ngladden@hungry-horse.com Telephone: 575-390-6397

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Natalie Gladden Title: Director of Environmental & Regulatory

Signature:  Date: 04/16/20

email: nagladden@hungry-horse.com Telephone: 575-390-6397

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____