

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: DJR Operating, LLC	OGRID: 371838
Contact Name: Dave Brown	Contact Telephone: 1-505-632-3476
Contact email: dbrown@djrlc.com	Incident # (assigned by OCD) nCS1932350444
Contact mailing address 1 Road 3263 Aztec, NM 87410	

Location of Release Source

Latitude 36.438545 Longitude -108.024499
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Buena Suerta System	Site Type: Pipeline
Date Release Discovered: 07/25/19	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
G	32	25N	11W	San Juan

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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<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 checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 150 MCF	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: External corrosion. This was a dry gas leak comprised of coalbed methane production. No produced water or liquid hydrocarbon were released.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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. N/A dry gas leak; no liquids released
If all the actions described above have <u>not</u> been undertaken, explain why:
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>Dave Brown</u> Title: <u>Manager of Government and Regulatory Affairs</u> Signature: <u>Dave Brown</u> Date: <u>11/05/2019</u> email: <u>dbrown@djrlc.com</u> Telephone: <u>1-505-632-3476</u>
<u>OCD Only</u> Received by: _____ Date: _____

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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?	<u>> 100</u> (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.

State of New Mexico
Oil Conservation Division

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Application ID	

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: Larissa Farrell Title: Regulatory Specialist

Signature:  Date: 6/30/2020

email: lfarrell@djrlc.com Telephone: 505-444-0289

OCD Only

Received by: _____ Date: _____

Incident ID	
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Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Larissa Farrell Title: Regulatory Specialist


Signature:  Date: 7/1/2020

email: lfarrell@djrlc.com Telephone: 505-444-0289

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: 12/29/2020

Printed Name: Cory Smith Title: Environmental Specialist



May 11, 2020

Project #17035-0107

Ms. Larissa Farrell
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410

Phone: (505) 632-3476
E-mail: lfarrell@djrlc.com

RE: Release Closure Report for the Buena Suerte Pipeline Located in Section 32, Township 25N, Range 11W, San Juan County, New Mexico

Dear Ms. Farrell:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide confirmation sampling activities for the closure of a release at the Buena Suerte Pipeline (site) located within Section 32, Township 25 North, Range 11 West, San Juan County, New Mexico; see **Figure 1, Vicinity Map**.

SITE HISTORY

The release notification (C-141) submitted by DJR documented a dry gas release and stated that no visible liquids or soil staining was observed when the pipeline was repaired. Once the pipeline was repaired the excavation was backfilled. However, Mr. Cory Smith, Inspector for the New Mexico Oil Conservation Division (NMOCD), requested that confirmation sampling be conducted within proximity of the pipeline repair area to confirm that liquids were not a constituent of the reported dry gas release.

Mr. Smith and Mr. Dave Brown of DJR agreed to a sampling protocol comprising of advancing soil borings around the pipeline repair area and collecting soil samples every foot. The sample aliquots from each boring would then be composited and submitted for laboratory analysis.

CONFIRMATION LABORATORY ANALYSIS

On November 27, 2019, Envirotech personnel collected two (2) five-point composite confirmation soil samples from the east and west side of the release area utilizing a hand auger. The auger was advanced to a total depth of 5-feet below ground surface (bgs).

The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to the Envirotech Analytical Laboratory. The soil samples were



DJR Operating, LLC
Buena Suerte Pipeline Release
Project #17035-0107
May 2020
Page 2

analyzed for benzene, toluene, ethylbenzene, and xylenes using United States Environmental Protection Agency (EPA) Method 8021B, total petroleum hydrocarbons (TPH) as diesel range organics, oil range organics, and gasoline range organics (DRO/ORO/GRO) using EPA Method 8015D, and for chloride using EPA Method 300.0.

The results were compared to the release closure criteria provided in 19.15.29.12 NMAC. Based on the enclosed *Siting Criteria Documentation*, the following NMOCD release closure criteria from *Table 1: Closure Criteria for Soils Impacted by a Release* were applied:

Depth to Groundwater	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA Method 8015D	2,500 mg/kg
	GRO + DRO	EPA Method 8015D	1,000 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

Soil sample locations are illustrated in **Figure 2, Site Map** and in the attached *Site Photography*.

SUMMARY AND CONCLUSIONS

On November 27, 2019, Envirotech personnel completed confirmation sampling of a release at the Buena Suerte Pipeline, San Juan County, New Mexico. The soil samples collected for laboratory analysis returned results below the laboratory detection limits for BTEX and TPH. Chloride was detected in both samples analyzed and returned results of 24 mg/kg at East Soil Bore Composite and 21.6 mg/kg at West Soil Bore Composite. Analytical results are summarized in the attached *Laboratory Analytical Report* and **Table 1, Summary of Soil Analytical Results**.

Based on the final laboratory analytical results, TPH, BTEX, benzene, and chloride were below the applicable NMOCD Closure Criteria for releases. Envirotech recommends **No Further Action** regarding the subject site.

STATEMENT OF LIMITATIONS

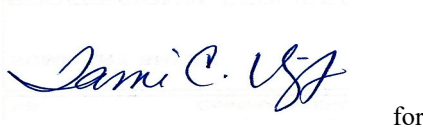
The work and services provided by DJR were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional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



DJR Operating, LLC
Buena Suerte Pipeline Release
Project #17035-0107
May 2020
Page 3

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

Respectfully submitted,
ENVIROTECH, INC.

A handwritten signature in blue ink, appearing to read 'Jami C. V. J.', is positioned above a horizontal line.

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

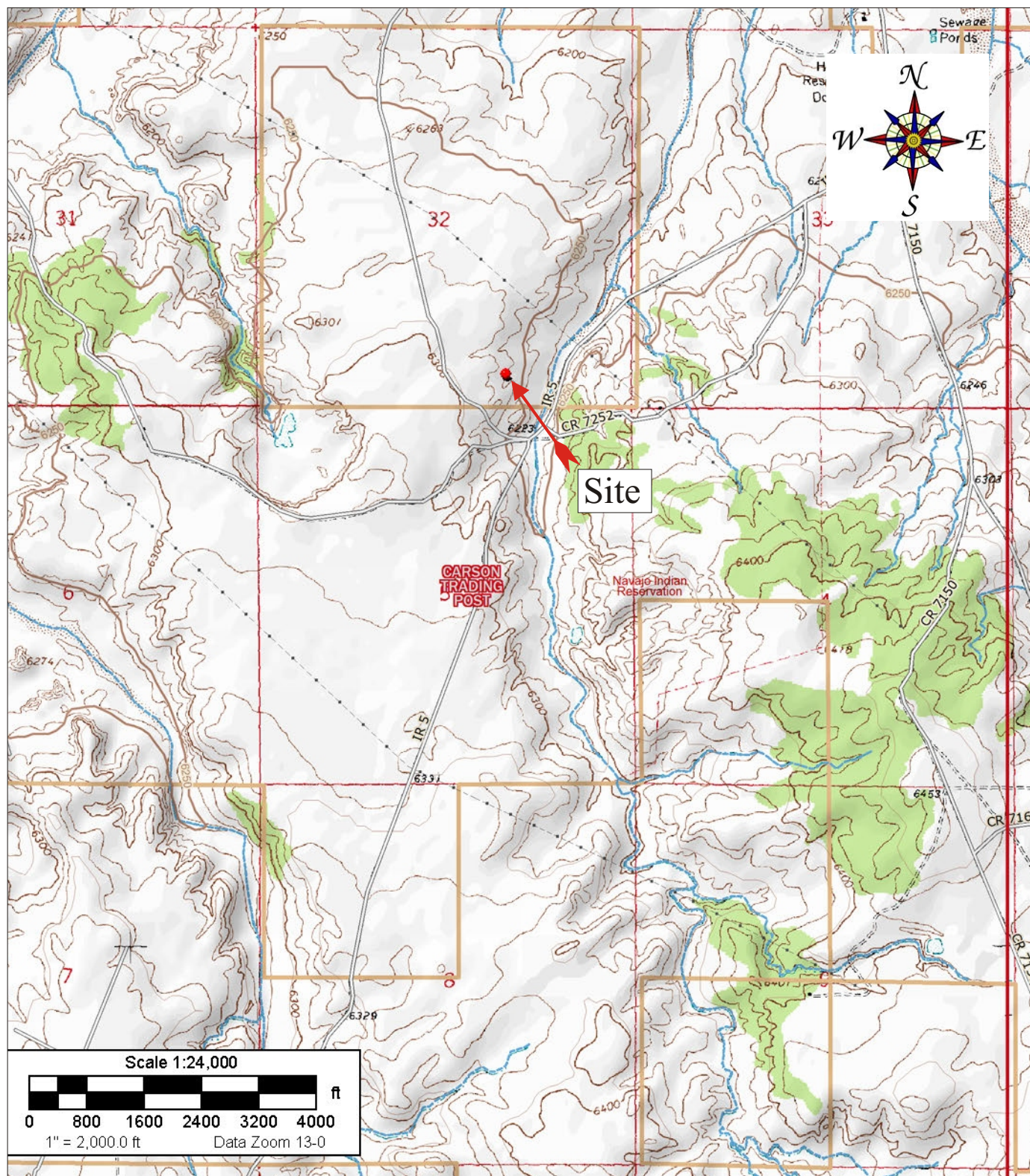
Reviewed by:

A handwritten signature in blue ink, appearing to read 'Felipe Aragon', is positioned above a horizontal line.

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

Enclosures: Figure 1, *Vicinity Map*
Figure 2, *Site Map*
Site Photography
Table 1, *Summary of Soil Analytical Results*
Laboratory Analytical Report

Cc: Client File 17035



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

DJR Operating
Buena Suerte Pipeline
Section 32, Township 26N, Range 11W
San Juan County, New Mexico
36.438545, -108.024499



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

Vicinity Map

Figure #1

Project Number: 17035-0107

Date Drawn: 1/17/2020

DRAWN BY:
Brittany Hall

PROJECT MANAGER:
Felipe Aragon



Legend

● - Release location

--- Pipeline



MAP DRAWN BY:
BAH
1/20/2020

REVISIONS BY:
BAH
5/4/2020

APPROVED BY:
NAME
DATE

Figure 2, Site Map

DJR Operating, LLC.
Buena Suerte Pipeline
Release Closure Report
Section 32, Township 25N, Range 11W
36.438545, -108.024499
San Juan County, New Mexico
Project #17035-0107



**SITE PHOTOGRAPHY
DJR OPERATING, LLC.
BUENA SUERTE PIPELINE RELEASE CLOSURE REPORT
SECTION 32, TOWNSHIP 25N, RANGE 11W
SAN JUAN COUNTY, NEW MEXICO
PROJECT #17035-0107
NOVEMBER 2019**



Picture 1: View of Damaged Pipeline (View 1)



Picture 2: View of Excavation (View 1)

**SITE PHOTOGRAPHY
DJR OPERATING, LLC.
BUENA SUERTE PIPELINE RELEASE CLOSURE REPORT
SECTION 32, TOWNSHIP 25N, RANGE 11W
SAN JUAN COUNTY, NEW MEXICO
PROJECT #17035-0107
NOVEMBER 2019**



Picture 3: View of Excavation (View 2)



Picture 4: View of Bore Holes (View 1)

**SITE PHOTOGRAPHY
DJR OPERATING, LLC.
BUENA SUERTE PIPELINE RELEASE CLOSURE REPORT
SECTION 32, TOWNSHIP 25N, RANGE 11W
SAN JUAN COUNTY, NEW MEXICO
PROJECT #17035-0107
NOVEMBER 2019**



Picture 5: View of Bore Holes (View 2)

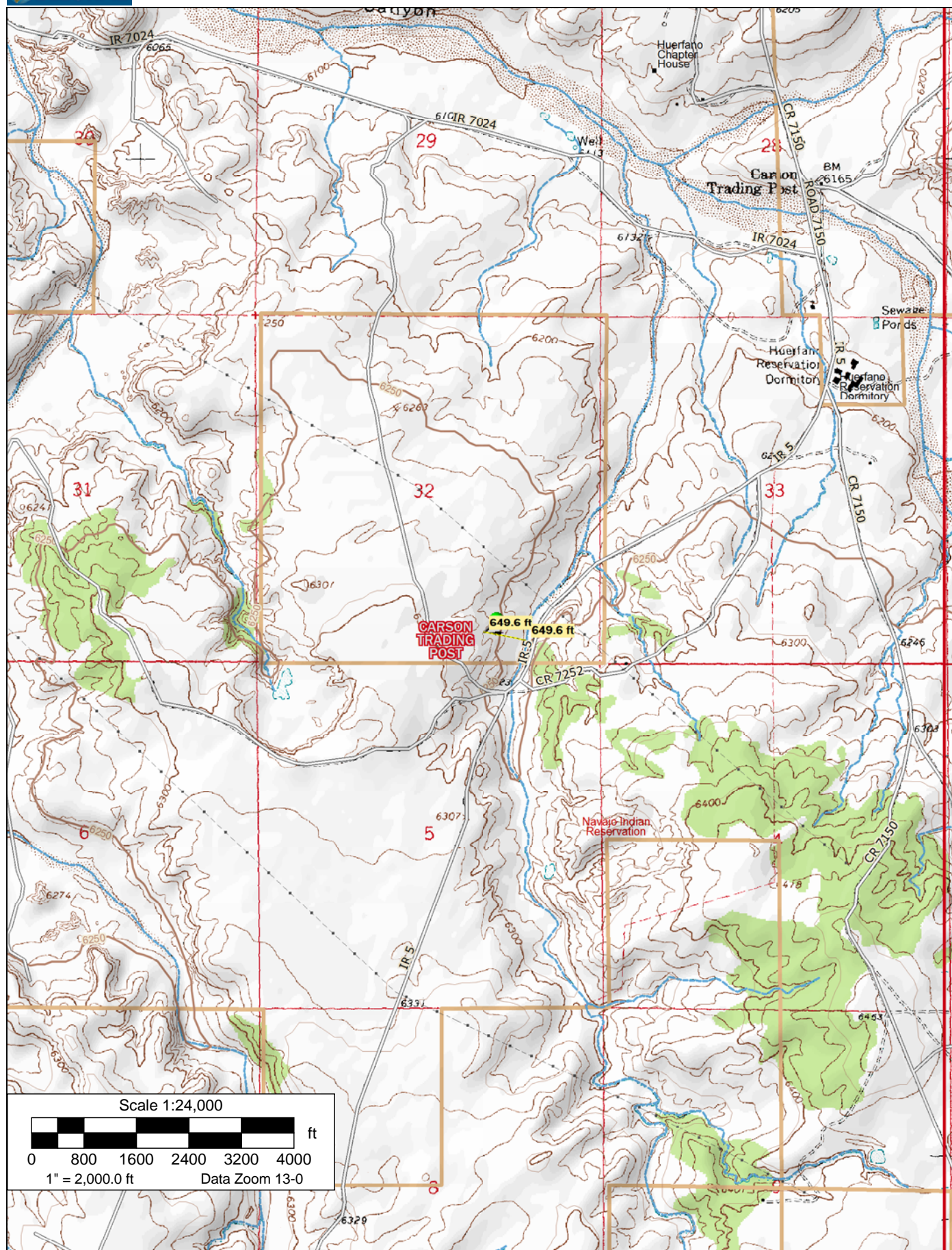


Picture 6: View of Remediated Area (View 3)

Site Name:	Buena Suerte Pipeline			
API #:				
Lat/Long:	36.438545, -108.024499			
TRS:	Section 32 T25N R11W			
Land Jurisdiction:	State			
County:	San Juan			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
None				
Distance to Nearest Significant Watercourse				
786.3 ft northeast of tributary of La Norias Canyon				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential	44 ft higher than a tributary of Gallegos Canyon			
Water Wells	SJ 01626 DTW=200 ft., SJ 02734 DTW=165 ft.			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse	No			
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)	No			
<300' of an occupied permanent residence, school, hospital, institution or church	No			
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes	No			
<1000' of any water well or spring	No			
Within incorporated municipal boundaries or within a defined municipal fresh water well	No			
<300' of a wetland	No			
Within the area overlying a subsurface mine	No			
Within an unstable area	No			
Within a 100-year floodplain	No			
DTW Determination	≤50	50-100	>100	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



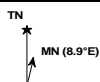
Practical Solutions of a Better Tomorrow

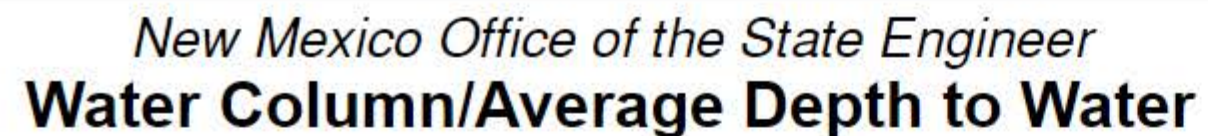
**Topo North America™ 10**

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www.delorme.com





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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

Average Depth to Water:	182 feet
Minimum Depth:	165 feet
Maximum Depth:	200 feet

PLSS Search:

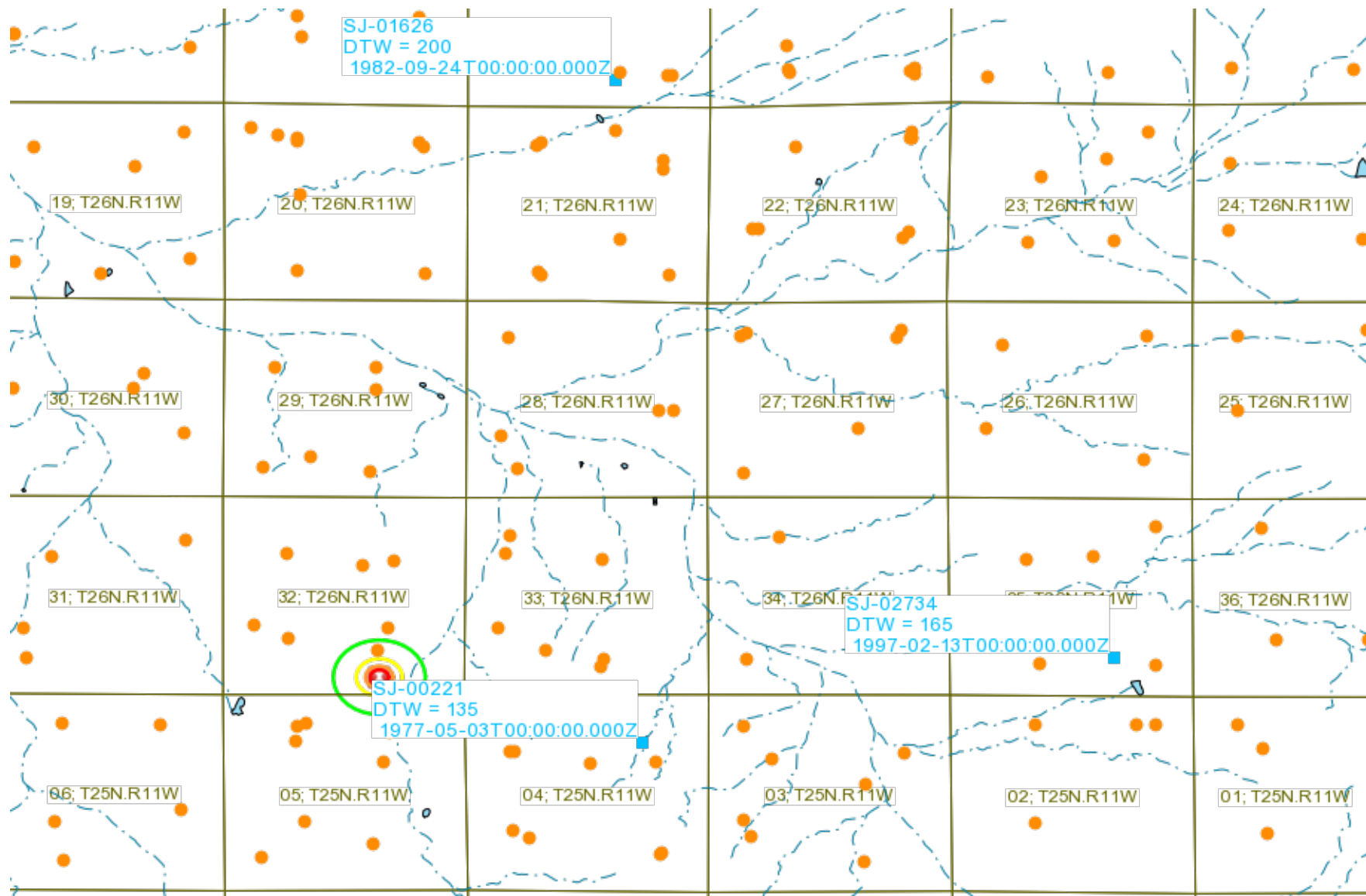
Township: 26N Range: 11W

*UTM location was derived from PLSS - see Help

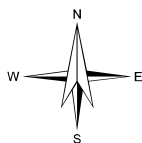
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/13/20 4:01 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



0 2000 4000ft



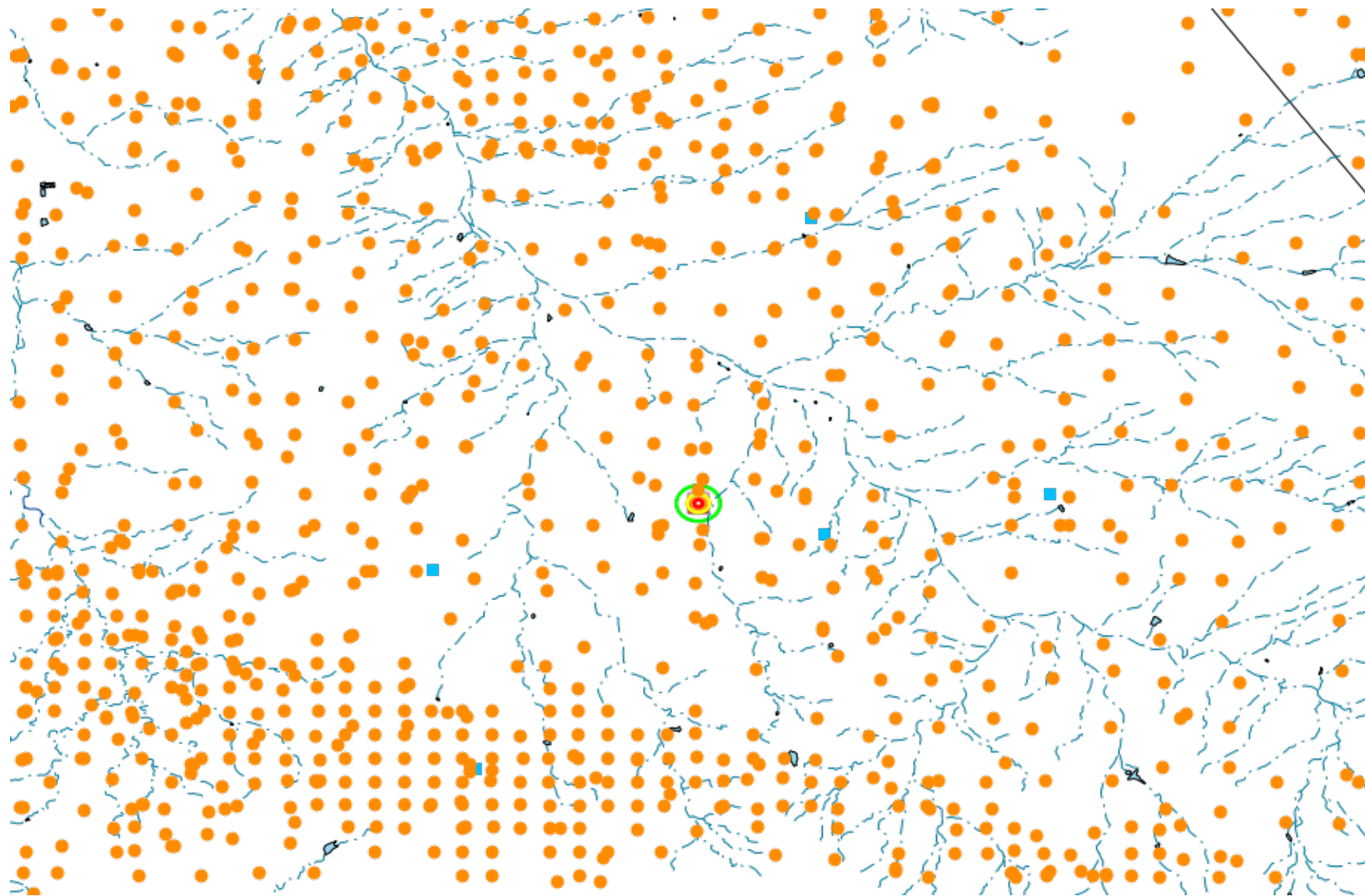
Petroleum Recovery
Research Center

PRRC Map

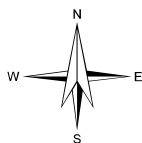
DJR
Buena Suerte

Figure: 17035-
0107

Jan 13, 2020



0 1 2mi



Petroleum Recovery
Research Center

PRRC Map

DJR
Buena Suerte

Figure: 17035-
0107

Jan 13, 2020

Table 1, Summary of Soil Analytical Results
 DJR Operating, LLC.
 Buena Suerte Pipeline Release Closure Report
 Section 32, Township 25N, Range 11W
 San Juan County, New Mexico
 Project Number: 17035-0107

Sample Description*	Date	USEPA Method 8015			USEPA Method 8021		USEPA Method 300.0
		GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release [Table 1 -		1,000 mg/Kg			10 mg/Kg	50 mg/Kg	20,000 mg/Kg
		2,500 mg/Kg					
East Soil Bore Composite	11/27/2019	<20.0	<25.0	<50.0	<0.025	<0.1	24
West Soil Bore Composite	11/27/2019	<20.0	<25.0	<50.0	<0.025	<0.1	21.6

*5-point composite soil samples



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 11/27/2019

Job Number: 17035-0107

Work Order: P911128

Project Name/Location: Buerna Suerte Pipeline

Report Reviewed By:

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

Date: 12/6/19

Walter Hinchman, Laboratory Director



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



DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
East Soil Bore Composite	P911128-01A	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
	P911128-01B	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
West Soil Bore Composite	P911128-02A	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
	P911128-02B	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.

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



DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

**East Soil Bore Composite
P911128-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1949022	12/04/19	12/04/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		99.0 %		50-200	1949008	12/02/19	12/02/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %		50-150	1949022	12/04/19	12/04/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	24.0	20.0	mg/kg	1	1949010	12/02/19	12/02/19	EPA 300.0/9056A	
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DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

**West Soil Bore Composite
P911128-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %		50-150	1949022	12/04/19	12/04/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		95.0 %		50-200	1949008	12/02/19	12/02/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1949022	12/04/19	12/04/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	21.6	20.0	mg/kg	1	1949010	12/02/19	12/02/19	EPA 300.0/9056A	
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DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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 1949022 - Purge and Trap EPA 5030A**Blank (1949022-BLK1)**

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

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	8.39		"	8.00		105	50-150			

LCS (1949022-BS1)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.44	0.0250	mg/kg	5.00		88.9	70-130			
Toluene	4.42	0.0250	"	5.00		88.5	70-130			
Ethylbenzene	4.39	0.0250	"	5.00		87.8	70-130			
p,m-Xylene	8.77	0.0500	"	10.0		87.7	70-130			
o-Xylene	4.41	0.0250	"	5.00		88.2	70-130			
Total Xylenes	13.2	0.0250	"	15.0		87.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.48		"	8.00		106	50-150			

Matrix Spike (1949022-MS1)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.37	0.0250	mg/kg	5.00	ND	87.4	54.3-133			
Toluene	4.34	0.0250	"	5.00	ND	86.7	61.4-130			
Ethylbenzene	4.30	0.0250	"	5.00	ND	86.0	61.4-133			
p,m-Xylene	8.58	0.0500	"	10.0	ND	85.8	63.3-131			
o-Xylene	4.32	0.0250	"	5.00	ND	86.3	63.3-131			
Total Xylenes	12.9	0.0250	"	15.0	ND	86.0	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.51		"	8.00		106	50-150			

Matrix Spike Dup (1949022-MSD1)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.59	0.0250	mg/kg	5.00	ND	91.7	54.3-133	4.86	20	
Toluene	4.56	0.0250	"	5.00	ND	91.2	61.4-130	4.98	20	
Ethylbenzene	4.52	0.0250	"	5.00	ND	90.4	61.4-133	5.03	20	
p,m-Xylene	9.02	0.0500	"	10.0	ND	90.2	63.3-131	4.96	20	
o-Xylene	4.54	0.0250	"	5.00	ND	90.8	63.3-131	5.09	20	
Total Xylenes	13.6	0.0250	"	15.0	ND	90.4	63.3-131	5.00	20	
Surrogate: 4-Bromochlorobenzene-PID	8.51		"	8.00		106	50-150			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

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 1949008 - DRO Extraction EPA 3570

Blank (1949008-BLK1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	49.8		"	50.0		99.7	50-200			

LCS (1949008-BS1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	484	25.0	mg/kg	500		96.8	38-132			
Surrogate: n-Nonane	49.6		"	50.0		99.1	50-200			

Matrix Spike (1949008-MS1)

Source: P911128-01

Prepared: 12/02/19 0 Analyzed: 12/02/19 2

Diesel Range Organics (C10-C28)	502	25.0	mg/kg	500	ND	100	38-132			
Surrogate: n-Nonane	50.6		"	50.0		101	50-200			

Matrix Spike Dup (1949008-MSD1)

Source: P911128-01

Prepared: 12/02/19 0 Analyzed: 12/02/19 2

Diesel Range Organics (C10-C28)	487	25.0	mg/kg	500	ND	97.3	38-132	3.09	20	
Surrogate: n-Nonane	49.6		"	50.0		99.2	50-200			

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DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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 1949022 - Purge and Trap EPA 5030A

Blank (1949022-BLK1)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		"	8.00		99.9	50-150			

LCS (1949022-BS2)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	51.9	20.0	mg/kg	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		"	8.00		99.5	50-150			

Matrix Spike (1949022-MS2)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	49.5	20.0	mg/kg	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		"	8.00		99.7	50-150			

Matrix Spike Dup (1949022-MSD2)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.4	70-130	0.513	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		"	8.00		98.9	50-150			

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DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1949010 - Anion Extraction EPA 300.0/9056A**Blank (1949010-BLK1)**

Prepared & Analyzed: 12/02/19 1

Chloride ND 20.0 mg/kg

LCS (1949010-BS1)

Prepared & Analyzed: 12/02/19 1

Chloride 253 20.0 mg/kg 250 101 90-110

Matrix Spike (1949010-MS1)**Source: P912001-01**

Prepared & Analyzed: 12/02/19 1

Chloride 258 20.0 mg/kg 250 ND 103 80-120

Matrix Spike Dup (1949010-MSD1)**Source: P912001-01**

Prepared & Analyzed: 12/02/19 1

Chloride 256 20.0 mg/kg 250 ND 102 80-120 1.16 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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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

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

CONDITIONS

Action 9006

CONDITIONS OF APPROVAL

Operator:	DJR OPERATING, LLC	1 Road 3263	Aztec, NM87410	OGRID:	371838	Action Number:	9006	Action Type:	C-141
OCD Reviewer									Condition
csmith									None