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	nRM2006557992
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: DJR Operating, LLC	OGRID 371838
Contact Name: Larissa Farrell	Contact Telephone (505) 444-0289
Contact email: lfarrell@djrllc.com	Incident # *(assigned by OCD)*
Contact mailing address 1 Road 3263, Aztec, NM 87410	

Location of Release Source

Latitude 36.40407 Longitude -107.36784
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Jicarilla Apache F 10	Site Type: Well Site
Date Release Discovered: 2/28/2020	API# *(if applicable)* 30-039-82339

Unit Letter	Section	Township	Range	County
C	16	25N	05W	Rio Arriba

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)

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

Cause of Release:

While removing the below grade tank, stained soil was observed. The amount of the release is unknown. Remediation activities have begun and 48-hr notice will be given for confirmation sampling once complete.

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? ☐ Yes ☒ 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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: ___Larissa Farrell_____ Title: _Regulatory Specialist_____

Signature: _____ Date: _3/4/2020_____

email: _lfarrell@djrllc.com_____ Telephone: __(505) 444-0289_____

OCD Only

Received by: _____ Date: _____

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
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: __6/1/2020_____

email: __lfarrell@djrllc.com_____ Telephone: __(505) 444-0289_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: _Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature: _____ Date: __6/1/2020_____

email: _lfarrell@djrllc.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**:** _____

Printed Name: _____ Title: _____

ACCEPTED FOR RECORD

No, Notice of Sampling Attached, Sampling does not meet 19.15.29 NMAC,
No approval From JNOGA/JNEPO attached.

envirotech

April 20, 2020

Project #17035-0181
NMOCD Incident #nRM2006557992

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

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

RE: BGT and Release Closure Report for the Jicarilla Apache F-10 Compressor Station Located in Section 16, Township 25N, Range 5W, Rio Arriba County, New Mexico

Dear Ms. Farrell:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide sampling activities for the closure of a below grade tank (BGT) at the Jicarilla Apache F-10 compressor station located within Section 16, Township 25 North, Range 5 West, Rio Arriba County, New Mexico; see enclosed **Figure 1, *Vicinity Map.***

On February 21, 2020, DJR contracted roustabout personnel removed the BGT and Envirotech personnel collected a five-point composite soil sample from the exposed surface of the former location of the BGT. The sample was identified as *BGT Composite* and prepared for field screening activities.

BGT Field Screening Analysis

Field screening for VOCs was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Prior to performing field screening activities, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. The soil sample was also screened in the field for total petroleum hydrocarbons (TPH) per United States Environmental Protection Agency (EPA) Method 418.1 using an Infracal Total Oil and Gas (TOG)/ TPH Analyzer. A 3-point calibration was completed prior to conducting soil screening. The soil sample screening results returned a result of 5,408 mg/kg for TPH and 0.0 ppm for VOCs. Field screening protocol followed the manufacture's operating procedure and, field screening results are provided in **Appendix A, *Field Notes.***

The subject location was undergoing de-commissioning, and the location was being fully reclaimed per all applicable regulations; therefore, DJR elected to close the BGT under the following standards per *19.15.29.12 NMAC*.

Depth to Groundwater	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO/DRO/MRO)	EPA Method 8015D	100 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

Based on the field screening results and elected closure standards, TPH was above the applicable closure criteria; see enclosed **Table 1, *Summary of Soil Analytical Results***. Due to the elevated TPH concentrations, a release was confirmed; subsequently, a release notification (C-141) was submitted to the NMOCD and JOGA per *19.15.29.10 NMAC*.

Release Closure Confirmation Laboratory Analysis

DJR contracted roustabout personnel completed the remediation excavation on February 28, 2020; the final excavation measured 15 feet by 15 feet by 6 feet in depth. On the same day, Envirotech personnel returned to the site to perform confirmation sampling activities under the witness of DJR representative Richard Graves and JOGA representative Alfred Vigil, Jr. Per the direction of Mr. Vigil, one five-point composite sample was collected from the base of the excavation. The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The soil sample location is illustrated in **Figure 2, *Site Map*** and excavation activities are documented in the attached ***Site Photography.***

The laboratory analytical results were compared to the most stringent release closure criteria provided in *19.15.29.12 NMAC.* Based on laboratory analytical results, the concentrations of contaminants of concern were below the applicable release closure criteria and do not require further remediation actions*;* see enclosed **Table 1, *Summary of Soil Analytical Results.***

Summary and Conclusions

On February 21, 2020, Envirotech personnel performed confirmation sampling of soil beneath the BGT at the Jicarilla Apache F-10 well site. Based on the field screening results and visual observations of stained soil a release was confirmed. DJR subsequently completed a remediation excavation, and confirmation sampling was performed on February 28, 2020. Upon receipt of laboratory analytical results, on March 24, 2020, DJR personnel backfilled and re-contoured the location of the former BGT. The site was reseeded with the approved Jicarilla Mesa seed mixture.

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Based on the analytical results, Envirotech recommends requesting a ***No Further Action*** status from the NMOCD and JOGA regarding the BGT closure and subsequent release remediation and reclamation.

STATEMENT OF LIMITATIONS

The work and services provided were in accordance with NMOCD and JOGA 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.

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.

Reviewed by:

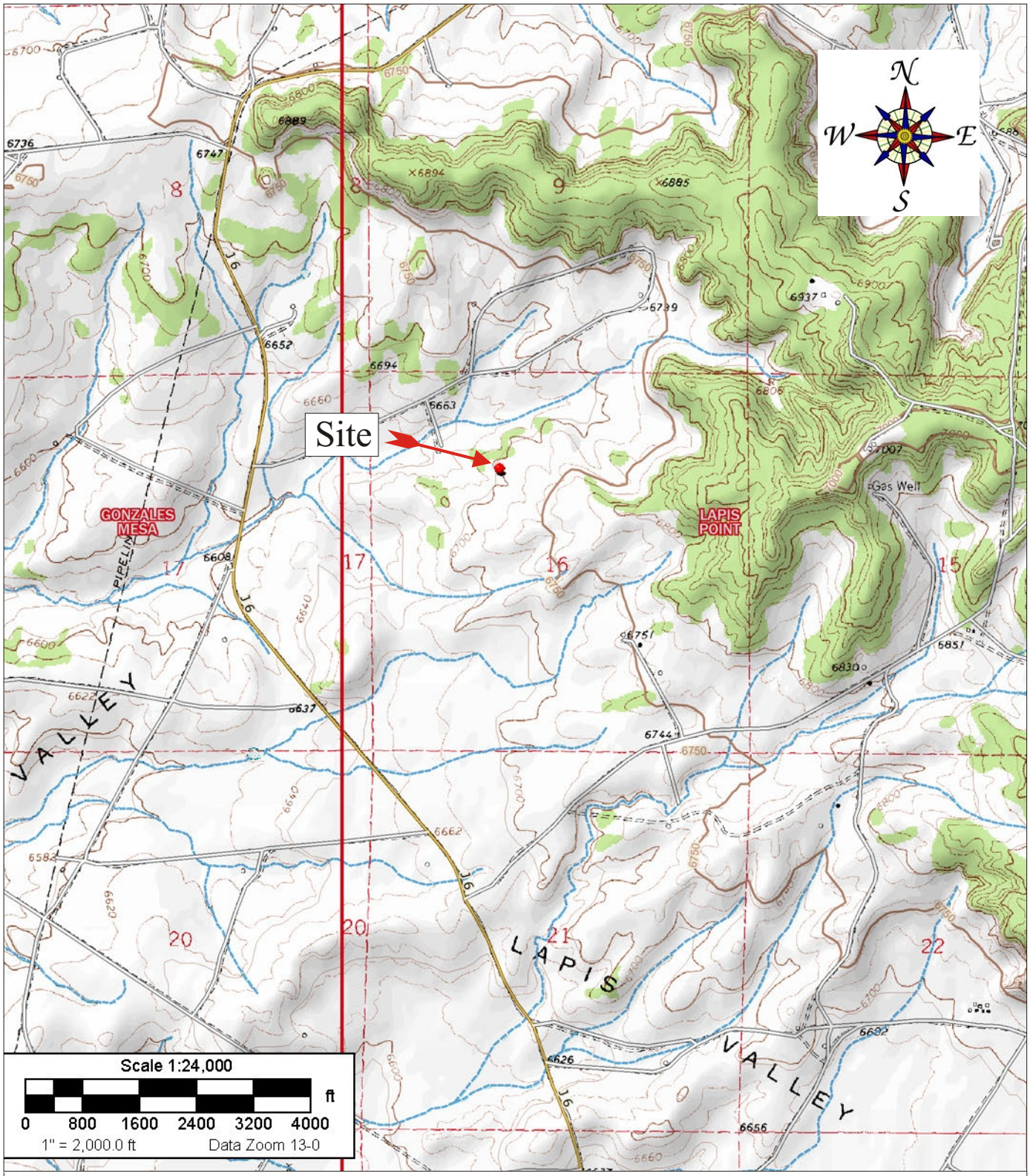
Brittany Hall

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

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

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

Cc: Client File 17035



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

DJR Operating, LLC. Jicarilla Apache F #010 Compressor Station Section 16, Township 25N, Range 5W 36.40377, -107.36813 Incident No. nRM2006557992	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure #1	
Project Number: 17035-0181 / Date Drawn: 3/10/2020		DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon

Legend

- Excavation

- 5-point Composite Soil Sample

N

envirotech

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

MAP DRAWN BY:
BAH
3/5/2020

REVISIONS BY:
NAME
DATE

APPROVED BY:
FRA
4/15/2020

Scale
1"= 18'
0 18

Figure 2, Site Map

DJR Operating, LLC.
Jicarilla Apache F #010 Compressor Station
Section 16, Township 25N, Range 5W
36.40377, -107.36813
Project #17035-0181
Incidnet No. nRM2006557992

CLIENT: BJR

CLIENT/JOB #: 17035-0181

START DATE: 2/21/20

FINISH DATE: 2

Page # 1 of 1

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Environmental Specialist: T. Garcia

LAT: 36.40377

LONG: -107.36813

FIELD REPORT: BELOW GROUND TANK VERIFICATION

LOCATION NAME: Jicarilla Apache WELL #: F-10 Temp Pit: _____ PERM Pit: _____

QUAD/UNIT: _____ SEC: 16 TWP: 25N RNG: 5W PM: _____

QTR/FOOTAGE: _____ CNTY: Rio Arriba ST: New Mexico

Excavation Approx: _____ Feet X 15 Feet X 15 Feet Deep 3 Cubic Yardage: _____

Disposal Facility: _____ Remediation Method: _____

Land Owner: _____ API: 30-039-82339 Pit Volume: _____

Construction Material: _____ Double Walled, With Leak Detection: _____

_____ Temporary Pit Closure : NMAC 19.15.17 Table II (Pemitted after 6/28/2013)

_____ BGT Closure: NMAC 19.15.17 Table I (Pemitted after 6/28/2013)

_____ BGT Closure: BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg (Pemitted before 6/28/2013)

FIELD 418.1 ANLAYSIS

SAMPLE DESCRIPTION		TIME	SAMPLE ID	LAB #	WEIGHT	mL FREON	DILUTION	READING	CALC. (mg/kg)
200 STD		10:15							284
BGT Comp		10:28			5	20	4	1352	5,408

PID RESULTS

SAMPLE ID	RESULTS (mg/kdg)
BGT	0.0

FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)

SAMPLE ID	ANALYSIS	US EPA
	BENZENE	8021B/8015
	BTEX	8021B/80260B
	GRO & DRO	8015
	CHLORIDES	EPA300
	TPH	418.1

SITE PERIMETER

SAMPLE PROFILE

Analyst Signature

Printed Name

NOTES:

WO #: Who ordered/Site Rep.:

CLIENT: DJR
CLIENT/JOB #: 17035-0181
START DATE: 2/28/2020
FINISH DATE: 2/28/2020
Page # _____ of _____

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Environmental Specialist: BHall
LAT: 36.40377
LONG: -107.36813

FIELD REPORT: BELOW GROUND TANK VERIFICATION

LOCATION NAME: Jicarilla Apache WELL #: F10 Temp Pit: _____ PERM Pit: _____
QUAD/UNIT: SEC: 16 TWP: 25N RNG: 5W PM:
QTR/FOOTAGE: CNTY: Rio Arriba ST: New Mexico
Excavation Approx: 15 Feet X 15 Feet X 8.6 Feet Deep _____ Cubic Yardage: _____
Disposal Facility: — Remediation Method: —
Land Owner: — API: Pit Volume:
Construction Material: Double Walled, With Leak Detection:

Temporary Pit Closure : NMAC 19.15.17 Table II (Pemitted after 6/28/2013)
BGT Closure: NMAC 19.15.17 Table I (Pemitted after 6/28/2013)
BGT Closure: BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg (Pemitted before 6/28/2013)

FIELD 418.1 ANLAYSIS

SAMPLE DESCRIPTION		TIME	SAMPLE ID	LAB #	WEIGHT	mL FREON	DILUTION	READING	CALC. (mg/kg)
		1108	200 Std					203	203
1		1111	Base		5	20	4	05	20

PID RESULTS

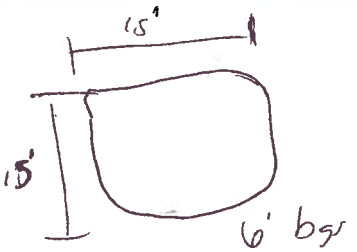
SAMPLE ID	RESULTS (mg/kdg)
1	0.0

FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)

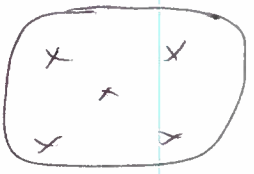
SAMPLE ID	ANALYSIS	US EPA
1	BENZENE	8021B/8015
1	BTEX	8021B/80260B
1	GRO & DRO	8015
1	CHLORIDES	EPA300
	TPH	418.1

SITE PERIMETER



no other O+G equipment on site

SAMPLE PROFILE



Brittany Hall
Analyst Signature
Brittany Hall
Printed Name

NOTES: JOGA rep. O&G'd base composite only. (Aligned visit)

WO #: Who ordered/Site Rep.:

SITE PHOTOGRAPHY
BGT AND RELEASE CLOSURE REPORT
DJR OPERATING, LLC.
JICARILLA APACHE F #010 COMPRESSOR STATION
PROJECT #17035-0181
FEBRUARY 2020

February 21, 2020

Picture 1: View of BGT Removal

February 28, 2020

Picture 2: View of Excavation of Former BGT

SITE PHOTOGRAPHY
BGT AND RELEASE CLOSURE REPORT
DJR OPERATING, LLC.
JICARILLA APACHE F #010 COMPRESSOR STATION
PROJECT #17035-0181
FEBRUARY 2020

Picture 3: View of Backfilled and Recontoured Area (View 1)

Picture 4: View of Backfilled and Recontoured Area (View 2)

Table 1, Summary of Soil Analytical Results
DJR Operating, LLC
BGT and Release Closure Report
Jicarilla Apache F #010
Section 16, Township 25N, Range 5W
Rio Arriba County, New Mexico
Project #17035-0181
Incident #nRM2006557992

Sample Description*	Date	Sample Depth* (ft)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	**DRO (mg/kg)**	**MRO (mg/kg)**	**Benzene (mg/kg)**	**Total BTEX (mg/kg)**	**Chlorides (mg/kg)**
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12)			*Not Applicable*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
			100 mg/kg					
BGT Comp**	2/21/2020	0.17	**5,408**			NA	NA	NA
F-10 BGT	2/28/2020	6.0	<20.0	<25.0	<50.0	<0.025	<0.100	<20.0

*5-point composite soil sample collected beneath the BGT
**- Field Screening Analysis only (EPA Method 418.1)
NA- Not Analyzed
BOLD - above *NMOCD Closure Criteria*

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Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 2/28/2020
Job Number: 17035-0181
Work Order: P003004
Project Name/Location: F-10 BGT Closure

Report Reviewed By: _____ Date: 3/4/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
F-10 BGT	P003004-01A	Soil	02/28/20	02/28/20	Glass Jar, 4 oz.
	P003004-01B	Soil	02/28/20	02/28/20	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

F-10 BGT

P003004-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*2010002*	*03/02/20*	*03/03/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2010005	03/02/20	03/03/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2010005	03/02/20	03/03/20	EPA 8015D	
Surrogate: n-Nonane		*93.8 %*		*50-200*	*2010005*	*03/02/20*	*03/03/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*		*50-150*	*2010002*	*03/02/20*	*03/03/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2010003	03/02/20	03/03/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

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
Batch 2010002 - Purge and Trap EPA 5030A										
Blank (2010002-BLK1)				Prepared: 03/02/20 0 Analyzed: 03/03/20 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	*8.58*		*"*	*8.00*		*107*	*50-150*			
LCS (2010002-BS1)				Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Benzene	4.79	0.0250	mg/kg	5.00		95.7	70-130			
Toluene	4.78	0.0250	"	5.00		95.7	70-130			
Ethylbenzene	4.78	0.0250	"	5.00		95.5	70-130			
p,m-Xylene	9.52	0.0500	"	10.0		95.2	70-130			
o-Xylene	4.78	0.0250	"	5.00		95.7	70-130			
Total Xylenes	14.3	0.0250	"	15.0		95.4	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.46*		*"*	*8.00*		*106*	*50-150*			
Matrix Spike (2010002-MS1)		**Source: P002092-01**		Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Benzene	4.95	0.0250	mg/kg	5.00	ND	99.0	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	9.86	0.0500	"	10.0	ND	98.6	63.3-131			
o-Xylene	4.95	0.0250	"	5.00	ND	99.0	63.3-131			
Total Xylenes	14.8	0.0250	"	15.0	ND	98.7	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.69*		*"*	*8.00*		*109*	*50-150*			
Matrix Spike Dup (2010002-MSD1)		**Source: P002092-01**		Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Benzene	4.66	0.0250	mg/kg	5.00	ND	93.2	54.3-133	6.07	20	
Toluene	4.64	0.0250	"	5.00	ND	92.8	61.4-130	6.58	20	
Ethylbenzene	4.63	0.0250	"	5.00	ND	92.6	61.4-133	6.53	20	
p,m-Xylene	9.24	0.0500	"	10.0	ND	92.4	63.3-131	6.51	20	
o-Xylene	4.64	0.0250	"	5.00	ND	92.8	63.3-131	6.40	20	
Total Xylenes	13.9	0.0250	"	15.0	ND	92.5	0-200	6.47	200	
Surrogate: 4-Bromochlorobenzene-PID	*8.57*		*"*	*8.00*		*107*	*50-150*			

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

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
Batch 2010005 - DRO Extraction EPA 3570										
Blank (2010005-BLK1)				Prepared & Analyzed: 03/02/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*47.2*		*"*	*50.0*		*94.4*	*50-200*			
LCS (2010005-BS1)				Prepared & Analyzed: 03/02/20 1						
Diesel Range Organics (C10-C28)	436	25.0	mg/kg	500		87.2	38-132			
Surrogate: n-Nonane	*47.9*		*"*	*50.0*		*95.9*	*50-200*			
Matrix Spike (2010005-MS1)		**Source: P002081-01**		Prepared & Analyzed: 03/02/20 1						
Diesel Range Organics (C10-C28)	427	25.0	mg/kg	500	ND	85.4	38-132			
Surrogate: n-Nonane	*46.6*		*"*	*50.0*		*93.3*	*50-200*			
Matrix Spike Dup (2010005-MSD1)		**Source: P002081-01**		Prepared & Analyzed: 03/02/20 1						
Diesel Range Organics (C10-C28)	429	25.0	mg/kg	500	ND	85.8	38-132	0.445	20	
Surrogate: n-Nonane	*47.4*		*"*	*50.0*		*94.8*	*50-200*			

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

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
Batch 2010002 - Purge and Trap EPA 5030A										
Blank (2010002-BLK1)				Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*"*	*8.00*		*93.0*	*50-150*			
LCS (2010002-BS2)				Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Gasoline Range Organics (C6-C10)	43.6	20.0	mg/kg	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*"*	*8.00*		*93.4*	*50-150*			
Matrix Spike (2010002-MS2)		**Source: P002092-01**		Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Gasoline Range Organics (C6-C10)	45.3	20.0	mg/kg	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*"*	*8.00*		*93.4*	*50-150*			
Matrix Spike Dup (2010002-MSD2)		**Source: P002092-01**		Prepared: 03/02/20 0 Analyzed: 03/03/20 1						
Gasoline Range Organics (C6-C10)	42.4	20.0	mg/kg	50.0	ND	84.8	70-130	6.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*"*	*8.00*		*94.0*	*50-150*			

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010003 - Anion Extraction EPA 300.0/9056A										
Blank (2010003-BLK1)				Prepared & Analyzed: 03/02/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2010003-BS1)				Prepared & Analyzed: 03/02/20 1						
Chloride	250	20.0	mg/kg	250		100	90-110			
Matrix Spike (2010003-MS1)		**Source: P002092-01**		Prepared & Analyzed: 03/02/20 1						
Chloride	363	20.0	mg/kg	250	107	102	80-120			
Matrix Spike Dup (2010003-MSD1)		**Source: P002092-01**		Prepared & Analyzed: 03/02/20 1						
Chloride	361	20.0	mg/kg	250	107	102	80-120	0.586	20	

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

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	
1 Rd 3263	Project Number:	17035-0181	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/04/20 14:26

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

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

Project Information | Chain of Custody | Page 1 of 1

Client: DJR	Report Attention	Lab Use Only	TAT / EPA Program
Project: F-10 BGT Closure	Report due by:	Lab WO# P003004	Job Number 17035-0181
Project Manager: F.Aragon	Email:	1D 3D	RCRA CWA SDWA
Address:	Address:		
City, State, Zip	City, State, Zip		
Phone:	Phone:		
Email: Gcrabtree Admin Bhall Faragon Tknight			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/GRO/ORO	Chlorides	8021	Analysis and Method	State (NM CO UT AZ)	Remarks
1115	2/28	S	2	F-10 BGT	1	X	X	X		NM: X	2-4oz jars 8021

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: Mary Crabtree

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2-28-20	1550	Raina Lopez	2/29/20	15:50
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech Analytical Laboratory
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Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Jicarilla Apache F 10
30-039-82339
UL-C, Section 16, T25N, R05W
Distance to Surface Water 693’

DJR Energy

300’ Radius
500’ Radius
1000’ Radius

Jicarilla Apache F 10
30-039-82339
UL-C, Section 16, T25N, R05W
Distance to Surface Water 693’

Surface Hydrology Map

DJR Energy

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

No records found.

PLSS Search:

Section(s): 16, 8, 9, 10, 15, 17, 20, 21, 22 **Township:** 25N **Range:** 05W