

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

\*NMOCD ACCEPTED FOR RECORD  
Sampling/Closure Reporting Approved  
By JNOGA, does not meeting OCD  
Requirements.

### Responsible Party

Responsible Party DJR Operating LLC	OGRID 371838
Contact Name Dave Brown	Contact Telephone 505-6325-3476
Contact email DBrown@djrlc.com	Incident # (assigned by OCD) nCS1920352860
Contact mailing address 1 Road 3263 Aztec, New Mexico 87419	

### Location of Release Source

Latitude 36.149234 Longitude -107.097071  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Chacon Amigos 101	Site Type Well Site
Date Release Discovered 7-15-2019	API# (if applicable) 30-043-20500

Unit Letter	Section	Township	Range	County
L	07	22N	02W	Sandoval

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 checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <u>Unknown</u>	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

While Removing the BGT on this location, visual contamination was observed.

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?	50-100 (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 <b>not</b> 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 1/2-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.

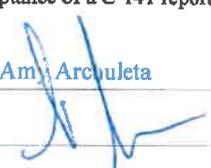
State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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 checked="" 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:
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>Amy Archuleta</u> Title: <u>Regulatory</u> Signature:  Date: <u>07/18/2019</u> email: <u>aarchuleta@djrlc.com</u> Telephone: <u>505-632-3476 x201</u>
<b>OCD Only</b> Received by:  Date: <u>7/22/19</u>

Incident ID	
District RP	
Facility ID	
Application ID	

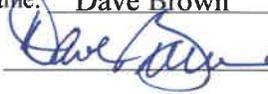
### Closure

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: Dave Brown Title: Regulatory  
 Signature:  Date: 9/23/19  
 email: dbrown@djrllc.com Telephone: 303-887-3695

**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: ACCEPTED FOR RECORD JNOGA Date: \_\_\_\_\_  
APPROVED SAMPLE/Closure Requirments  
 Printed Name: CS 12/6/19 Title: \_\_\_\_\_



September 23, 2019

Project #17035-0097

Mr. Dave Brown  
DJR Operating, LLC.  
1 Road 3263  
Aztec, New Mexico 87410

Phone: (505) 320-6917  
Email: [dbrown@djrlc.com](mailto:dbrown@djrlc.com)

**RE: CLOSURE REPORT FOR A RELEASE OF PRODUCED WATER LOCATED AT THE CHACON AMIGOS #101 WELL SITE (API: 30-043-20500), SANDOVAL COUNTY, NEW MEXICO**

Dear Mr. Brown,

Enclosed please find the *Release Closure Report* detailing confirmation soil sampling activities conducted at the Chacon Amigos #101 well site, located in Section 7, Township 22N, Range 2W, Sandoval County, New Mexico.

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

Respectfully Submitted,  
**ENVIROTECH, INC.**

A handwritten signature in blue ink that reads 'Brittany Hall'.

Brittany Hall  
Environmental Field Technician  
[bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)

Enclosure: Release Closure Report

Cc: Client File Number 17035



# RELEASE CLOSURE REPORT

**LOCATION:  
CHACON AMIGOS #101 WELL SITE  
SECTION 7, TOWNSHIP 22N, RANGE 2W  
SANDOVAL COUNTY, NEW MEXICO**

**CONTRACTED BY:  
MS. AMY ARCHULETA  
DJR OPERATING, LLC.  
1 ROAD 3263  
AZTEC, NEW MEXICO 87410**

**PROJECT #17035-0097  
AUGUST 2019**

**DJR OPERATING, LLC  
RELEASE CLOSURE REPORT  
CHACON AMIGOS #101; API: 30-043-20500  
SECTION 7, TOWNSHIP 22N, RANGE 2W  
SANDOVAL COUNTY, NEW MEXICO  
PROJECT #17035-0097**

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## Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide confirmation sampling activities for a produced water release excavation at the Chacon Amigos #101 well site (API:30-043-20500) located in Section 7, Township 22 North, Range 2 West in Sandoval County, New Mexico; see **Figure 1, Vicinity Map**.

### **Confirmation Soil Sample Collection – July 25, 2019**

Prior to Envirotech's arrival, DJR had excavated the contaminated soil. Excavation dimensions were approximately 34 feet by 58 feet by 10 feet below ground surface (bgs).

The excavated area was divided into six (6) sections which included the following: South Wall, South Base, West Wall, North Wall, North Base, and East Wall. One (1) five-point composite sample was collected from each section. Samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech's analytical laboratory. Soil samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline, diesel, and oil range organics (GRO/DRO/ORO) using EPA Method 8015D; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and chlorides using EPA Method 300.0. Soil sample locations are illustrated in **Figure 2, Site Map** and **Appendix A, Site Photography and Field Notes**.

### Laboratory Analytical Results

The following New Mexico Oil Conservation Division (NMOCD) closure criteria from *Table 1 in 19.15.29.12 (E) New Mexico Administrative Code (NMAC)* was used as the release closure criteria:

- Chloride – 10,000 mg/kg
- TPH (GRO+DRO) – 1,000 mg/kg
- TPH (GRO+DRO+ORO) – 2,500 mg/kg
- BTEX - 50 mg/kg
- Benzene - 10 mg/kg

Siting criteria documentation is provided in **Appendix B, Siting Criteria Documentation**.

All soil samples collected for laboratory analysis returned results below the laboratory detection limits for BTEX. Chlorides were detected in three (3) of the samples and TPH was detected in all samples collected. TPH was detected above regulatory limits in the North Wall which returned results of 1,320 mg/Kg for DRO and 529 mg/Kg for ORO. Analytical results are summarized in **Appendix C, Laboratory Analytical Report** and **Table 1, Summary of Soil Analytical Results**.

### **Confirmation Soil Sample Collection – August 20, 2019**

Envirotech personnel returned to the site on August 20, 2019, to collect confirmation samples from the areas identified as North Wall and North Base. DJR personnel had further excavated the area prior to Envirotech's arrival. One (1) five-point composite sample was collected from each section. Samples were

placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech's analytical laboratory. Soil samples were analyzed for TPH as GRO/DRO/ORO using EPA Method 8015D; BTEX using EPA Method 8021B; and chlorides using EPA Method 300.0.

#### Laboratory Analytical Results

All soil samples collected for laboratory analysis returned results below the laboratory detection limits for BTEX and TPH. Chlorides were detected in the north wall at a concentration of 138 mg/Kg.

#### Summary and Conclusions

On July 25, 2019, Envirotech personnel completed confirmation sampling of soil impacted by produced water at the Chacon Amigos #101 well site, Sandoval County, New Mexico. Subsequently, Envirotech returned to the site on August 20, 2019, to collect confirmation samples from the north wall and north base of the excavation which had undergone additional remediation excavation.

Based on the final laboratory analytical results of the excavation at the location, GRO, DRO, ORO, BTEX, and chlorides were below the applicable NMOCD and (JOGA) Closure Criteria for Soils Impacted by a Release. DJR Operating will place a tank back in use at the location; therefore, reclamation will not be required at this time. Envirotech recommends **No Further Action** regarding the subject release site.

#### Statement of Limitations

The work and services provided by Envirotech 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 site of the incident. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

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

Respectfully submitted,  
ENVIROTECH, INC.



Brittany Hall  
Environmental Field Technician  
[bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)

Reviewed by:



Felipe Aragon, CHMM, CES  
Environmental Assistant Manager  
[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)

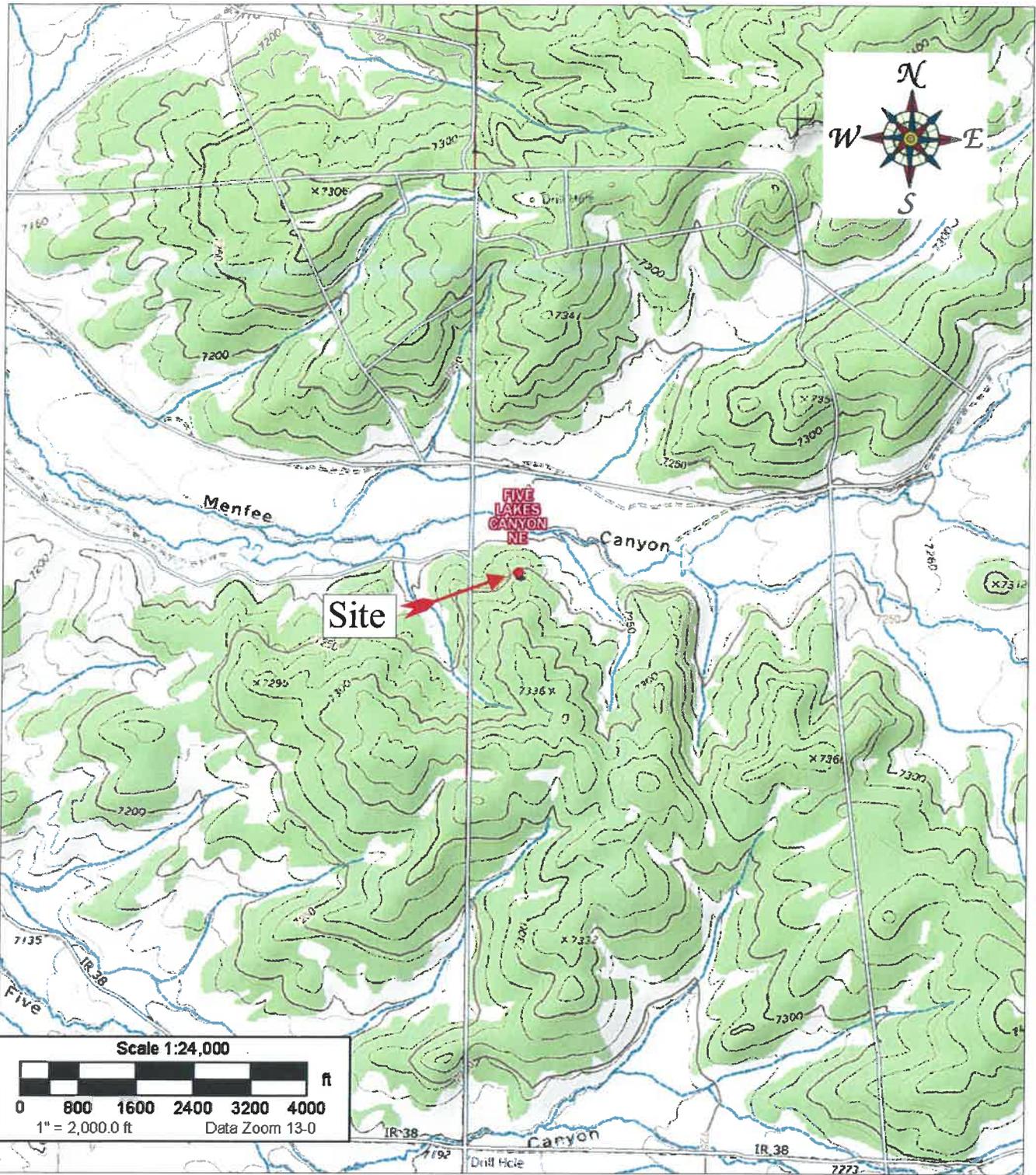
## FIGURES

Figure 1, *Vicinity Map*

Figure 2, *Site Map*



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

DJR Operating, LLC. Chacon Amigos # 101 Well Site API: 30-043-20500 Sandoval County, New Mexico 36.149239, -107.097070		 <b>envirotech</b> ENVIRONMENTAL SCIENTISTS & ENGINEERS	Vicinity Map	
			Figure #1	
Project Number: 17035-0097	Date Drawn: 9/13/2019	5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon



**Legend**

- -West Wall
- -East Wall
- -South Base
- - North Base
- -South Wall
- - North Wall

Sample point represent a 5-point composite representantive of 200 square feet



MAP DRAWN BY:

BAH  
9/13/2019

REVISIONS BY:

NAME  
DATE

APPROVED BY:

NAME  
DATE

1"=30'



## Figure 2, Site Map

DJR Operating  
Chacon Amigos #101 Release Closure Report  
Section 7, Township 22N, Range 2W  
36.149239- 107.097070  
Sandoval County, New Mexico  
Project #17035-0097



**TABLES**

Table 1, *Summary of Soil Analytical Results*



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Table 1, Summary of Soil Analytical Results  
 DJR Operating, LLC  
 Release Closure Report  
 Chacon Amigos #101; API: 30-043-20500  
 Section 7, Township 22N, Range 2W  
 Sandoval County, New Mexico  
 Project #17035-0097

Sample Description*	Date	Sample Depth	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
<i>NMOCDClosure Criteria for Soils Impacted by a Release [Table 1 -19.15.29.12 (E) NMAC]</i>			1,000 mg/Kg			10 mg/Kg	50 mg/Kg	10,000 mg/Kg
			2,500 mg/Kg					
South Wall	7/25/2019	0.5 - 1.5 feet	<20.0	<25.0	89.5	<0.025	<1.0	<20.0
South Base	7/25/2019	0.5 - 1.5 feet	<20.0	588	284	<0.025	<1.0	22.1
West Wall	7/25/2019	0.5 - 1.5 feet	<20.0	<25.0	86.6	<0.025	<1.0	<20.0
North Wall	7/25/2019	0.5 - 1.5 feet	<20.0	<b>1,320</b>	529	<0.025	<1.0	<20.0
North Base	7/25/2019	0.5 - 1.5 feet	<20.0	881	740	<0.025	<1.0	154
East Wall	7/25/2019	0.5 - 1.5 feet	<20.0	<25.0	113	<0.025	<1.0	71
North Wall	8/20/2019	0.5 - 1.5 feet	<20.0	<25.0	<50.0	<0.025	<1.0	138
North Base	8/20/2019	0.5 - 1.5 feet	<20.0	<25.0	<50.0	<0.025	<1.0	<20.0

\*5-point composite soil samples



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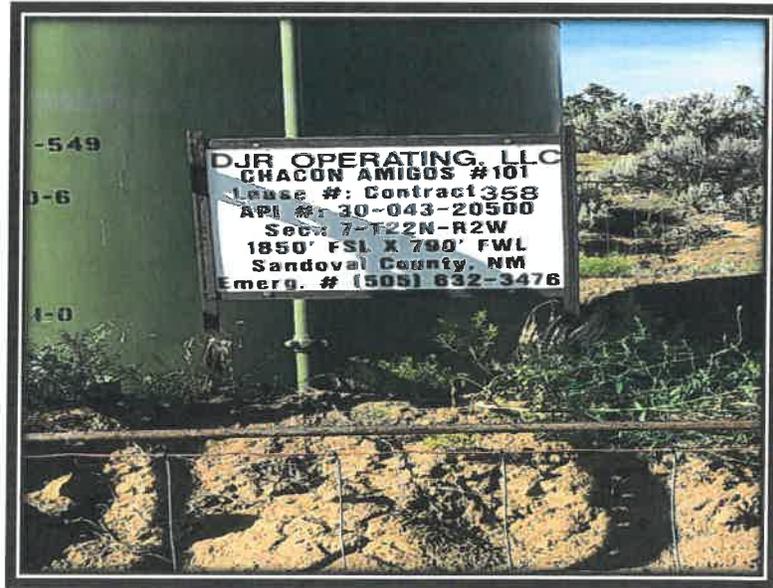
**APPENDIX A**

*Site Photography and Field Notes*

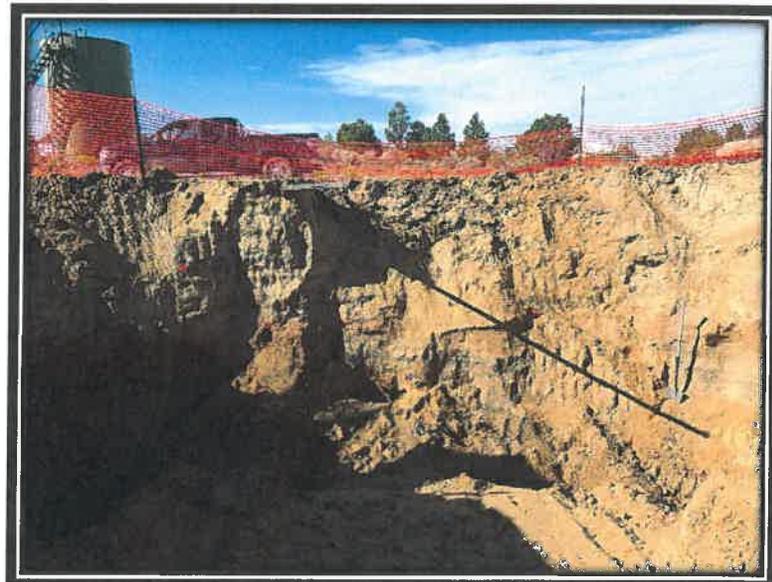


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**SITE PHOTOGRAPHY  
RELEASE CLOSURE REPORT  
DJR OPERATING, LLC.  
CHACON AMIGOS #101 WELL SITE  
PROJECT #17035-0097  
JULY 2019**

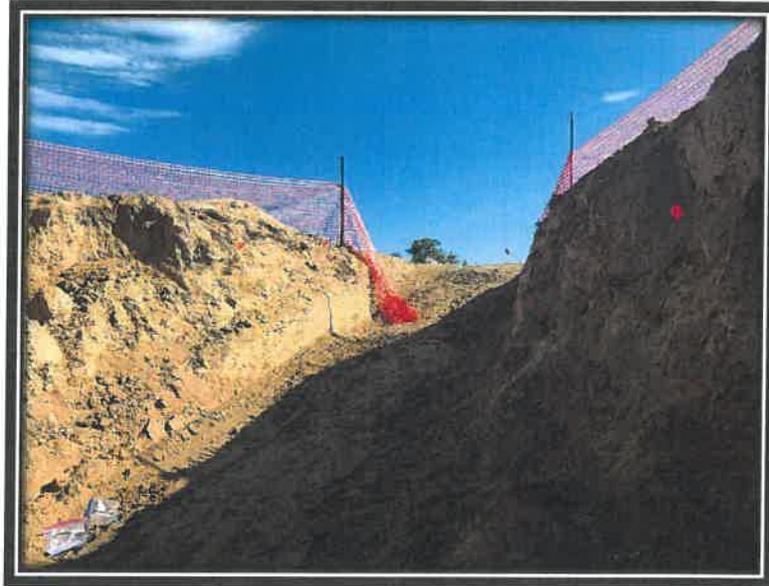


Picture 1: Well Site Sign

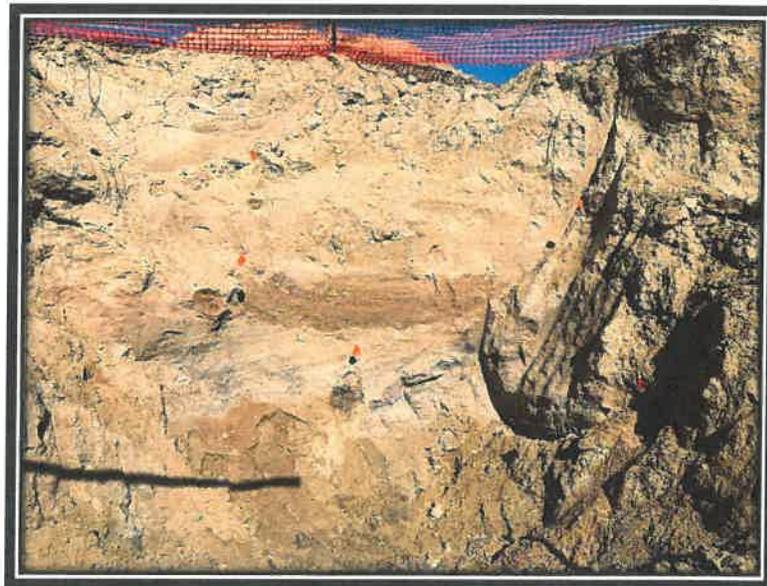


Picture 2: View of South Wall with Pin Flags  
(Indicating Sample Collection Points)

**SITE PHOTOGRAPHY  
RELEASE CLOSURE REPORT  
DJR OPERATING, LLC.  
CHACON AMIGOS #101 WELL SITE  
PROJECT #17035-0097  
JULY 2019**

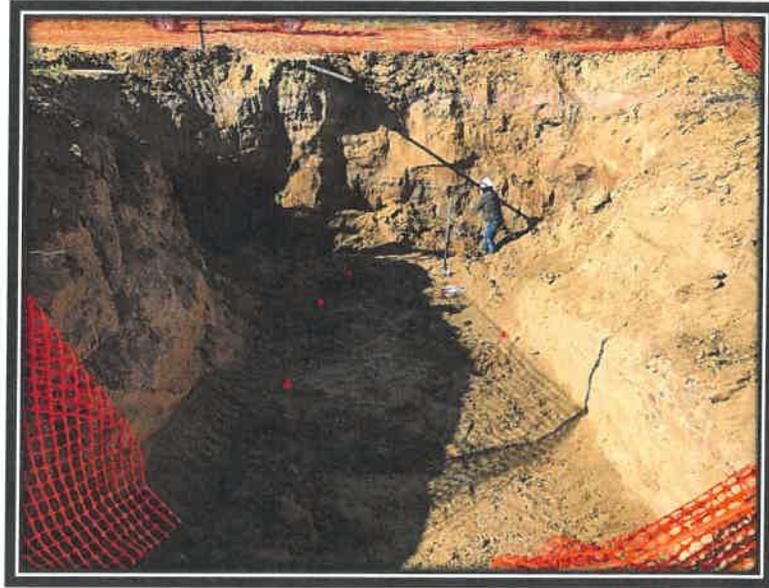


**Picture 3: View of North Wall with Pin Flags  
(Indicating Sample Collection Points)**



**Picture 4: View of West Wall with Pin Flags  
(Indicating Sample Collection Points)**

**SITE PHOTOGRAPHY  
RELEASE CLOSURE REPORT  
DJR OPERATING, LLC.  
CHACON AMIGOS #101 WELL SITE  
PROJECT #17035-0097  
JULY 2019**



**Picture 5: View of North Base with Pin Flags  
(Indicating Sample Collection Points)**



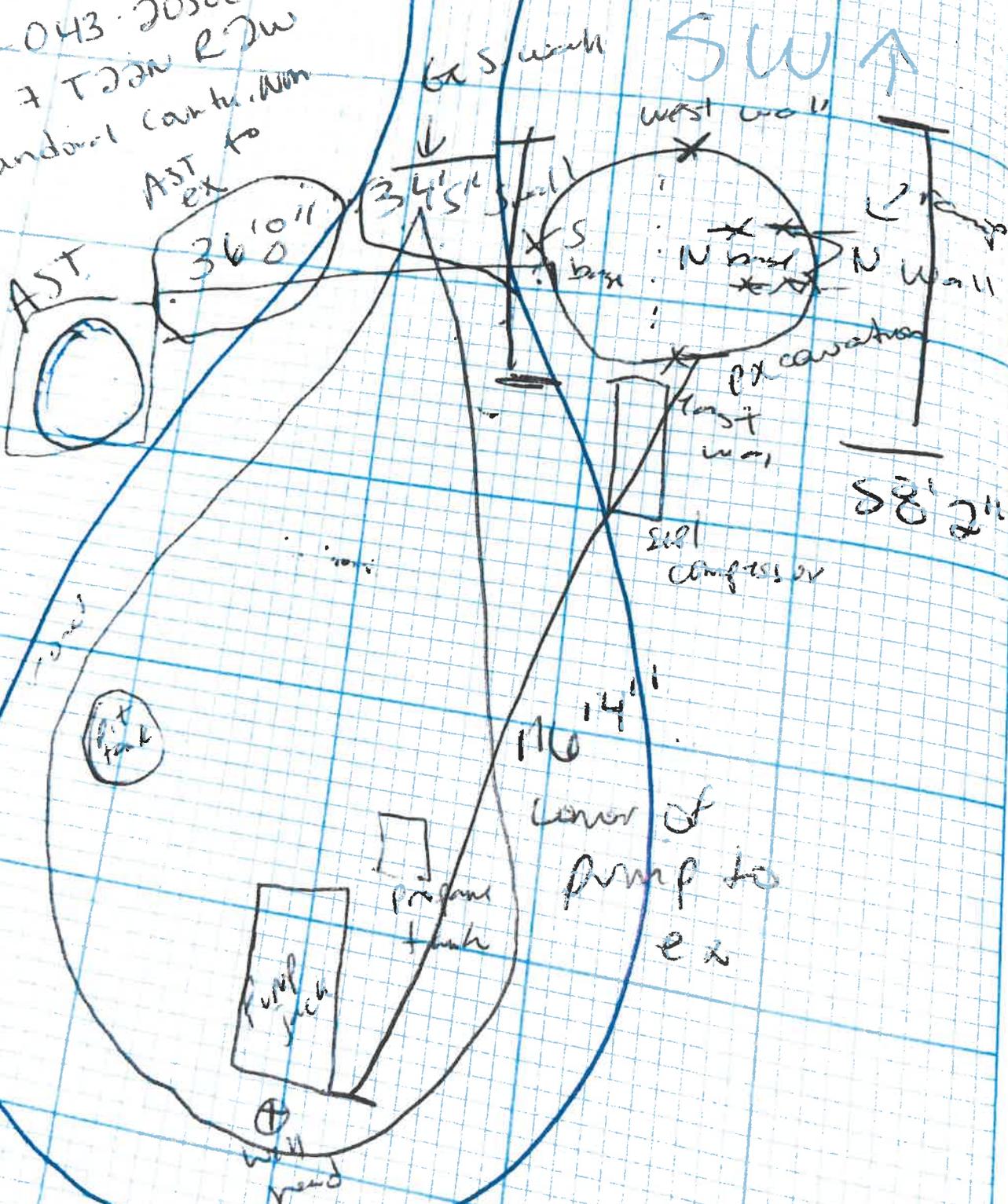
**Picture 6: View of South Base with Pin Flags  
(Indicating Sample Collection Points)**

**SITE PHOTOGRAPHY  
RELEASE CLOSURE REPORT  
DJR OPERATING, LLC.  
CHACON AMIGOS #101 WELL SITE  
PROJECT #17035-0097  
JULY 2019**



**Picture 7: View of East Wall with Pin Flags  
(Indicating Sample Collection Points)**

DJR Operating  
 Ciracon Amigos #101  
 30-043-20500  
 Sec 7 T22W R2W  
 Sandpoint Cantu. Num



**APPENDIX B**

*Siting Criteria Documentation*



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<b>Site Name:</b>	Chacon Amigos #11			
<b>API #:</b>	30-043-20500			
<b>Lat/Long:</b>	36.149234, -107.097071			
<b>TRS:</b>	Section 7 T22N R2W			
<b>Land Jurisdiction:</b>	Jicarilla Apache Nation			
<b>County:</b>	Sandoval			
<b>Wellhead Protection Area Assessment</b>				
<b>Water Source Type (well/spring/stock pond)</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Distance</b>
None				
<b>Distance to Nearest Significant Watercourse</b>				
580 ft South - Menfee Canyon				
<b>Depth to Groundwater Determination</b>				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential	56 feet higher Menfee Canyon			
Water Wells	Not available			
<b>Sensitive Receptor Determination</b>				
<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			
<b>DTW Determination</b>	<b>≤50 <input type="checkbox"/></b>	<b>50-100 <input checked="" type="checkbox"/></b>	<b>&gt;100 <input type="checkbox"/></b>	
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	

**APPENDIX C**

*Laboratory Analytical Report*



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## Analytical Report

### Report Summary

Client: DJR Operating, LLC

Samples Received: 7/25/2019

Job Number: 17035-0097

Work Order: P907092

Project Name/Location: Chacon Amigos #101  
Sampling

Report Reviewed By:

Date: 8/2/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TN1 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. currently holds the appropriate and available Utah TN1 certification NM009792018-1 for the data reported.



DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos #101 Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/02/19 14:44
--	---	-----------------------------

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
south wall	P907092-01A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-01B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
south base	P907092-02A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-02B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
west wall	P907092-03A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-03B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
North Wall	P907092-04A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-04B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
North base	P907092-05A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-05B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
East wall	P907092-06A	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.
	P907092-06B	Soil	07/25/19	07/25/19	Glass Jar, 4 oz.

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**south wall**  
**P907092-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	89.5	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Surrogate: n-Nonane		79.4 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**south base  
P907092-02 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Volatiles Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	588	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	284	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	22.1	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**west wall**  
**P907092-03 (Solid)**

Analyte	Reporting							
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	86.6	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		81.7 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**North Wall  
P907092-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	1320	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	529	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**North base  
P907092-05 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	<b>881</b>	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	<b>740</b>	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	<b>154</b>	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**East wall  
P907092-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	1931030	07/31/19	08/01/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	113	50.0	mg/kg	1	1930041	07/26/19	07/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		83.0 %		50-200	1930041	07/26/19	07/29/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1931030	07/31/19	08/01/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %		50-150	1931030	07/31/19	08/01/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	70.5	20.0	mg/kg	1	1931040	07/31/19	08/01/19	EPA 300.0/9056A	
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**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 1931030 - Purge and Trap EPA 5030A**

**Blank (1931030-BLK1)**

Prepared: 07/31/19 0 Analyzed: 08/01/19 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*      8.39      "      8.00      105      50-150

**LCS (1931030-BS1)**

Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Benzene	4.13	0.0250	mg/kg	5.00		82.5	70-130			
Toluene	4.79	0.0250	"	5.00		95.8	70-130			
Ethylbenzene	4.91	0.0250	"	5.00		98.2	70-130			
p,m-Xylene	10.1	0.0500	"	10.0		101	70-130			
o-Xylene	4.92	0.0250	"	5.00		98.4	70-130			
Total Xylenes	15.0	0.0250	"	15.0		100	70-130			

*Surrogate: 4-Bromochlorobenzene-PID*      8.48      "      8.00      106      50-150

**Matrix Spike (1931030-MS1)**

Source: P907092-01

Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Benzene	3.91	0.0250	mg/kg	5.00	ND	78.2	54.3-133			
Toluene	4.52	0.0250	"	5.00	ND	90.4	61.4-130			
Ethylbenzene	4.65	0.0250	"	5.00	ND	93.0	61.4-133			
p,m-Xylene	9.56	0.0500	"	10.0	ND	95.6	63.3-131			
o-Xylene	4.65	0.0250	"	5.00	ND	93.1	63.3-131			
Total Xylenes	14.2	0.0250	"	15.0	ND	94.7	63.3-131			

*Surrogate: 4-Bromochlorobenzene-PID*      8.51      "      8.00      106      50-150

**Matrix Spike Dup (1931030-MSD1)**

Source: P907092-01

Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Benzene	3.84	0.0250	mg/kg	5.00	ND	76.8	54.3-133	1.91	20	
Toluene	4.46	0.0250	"	5.00	ND	89.2	61.4-130	1.28	20	
Ethylbenzene	4.58	0.0250	"	5.00	ND	91.6	61.4-133	1.50	20	
p,m-Xylene	9.43	0.0500	"	10.0	ND	94.3	63.3-131	1.37	20	
o-Xylene	4.59	0.0250	"	5.00	ND	91.8	63.3-131	1.36	20	
Total Xylenes	14.0	0.0250	"	15.0	ND	93.5	63.3-131	1.37	20	

*Surrogate: 4-Bromochlorobenzene-PID*      8.44      "      8.00      105      50-150

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**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 1930041 - DRO Extraction EPA 3570**

<b>Blank (1930041-BLK1)</b>		Prepared: 07/26/19 1 Analyzed: 07/30/19 1								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	41.5		"	50.0		82.9	50-200			

<b>LCS (1930041-BS1)</b>		Prepared: 07/26/19 1 Analyzed: 07/30/19 1								
Diesel Range Organics (C10-C28)	506	25.0	mg/kg	500		101	38-132			
Surrogate: n-Nonane	39.7		"	50.0		79.4	50-200			

<b>Matrix Spike (1930041-MS1)</b>		Source: P907092-01		Prepared: 07/26/19 1 Analyzed: 07/29/19 1						
Diesel Range Organics (C10-C28)	511	25.0	mg/kg	500	ND	102	38-132			
Surrogate: n-Nonane	39.6		"	50.0		79.1	50-200			

<b>Matrix Spike Dup (1930041-MSD1)</b>		Source: P907092-01		Prepared: 07/26/19 1 Analyzed: 07/29/19 1						
Diesel Range Organics (C10-C28)	515	25.0	mg/kg	500	ND	103	38-132	0.973	20	
Surrogate: n-Nonane	39.7		"	50.0		79.5	50-200			

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**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 1931030 - Purge and Trap EPA 5030A**

**Blank (1931030-BLK1)** Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		"	8.00		93.9	50-150			

**LCS (1931030-BS2)** Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Gasoline Range Organics (C6-C10)	50.5	20.0	mg/kg	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		"	8.00		96.3	50-150			

**Matrix Spike (1931030-MS2)** Source: P907092-01 Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Gasoline Range Organics (C6-C10)	49.8	20.0	mg/kg	50.0	ND	99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		"	8.00		95.0	50-150			

**Matrix Spike Dup (1931030-MSD2)** Source: P907092-01 Prepared: 07/31/19 0 Analyzed: 08/01/19 1

Gasoline Range Organics (C6-C10)	49.6	20.0	mg/kg	50.0	ND	99.3	70-130	0.262	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		"	8.00		94.9	50-150			

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**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 1931040 - Anion Extraction EPA 300.0/9056A**

<b>Blank (1931040-BLK1)</b>				Prepared: 07/31/19 2 Analyzed: 08/01/19 1						
Chloride	ND	20.0	mg/kg							
<b>LCS (1931040-BS1)</b>				Prepared: 07/31/19 2 Analyzed: 08/01/19 1						
Chloride	267	20.0	mg/kg	250		107	90-110			
<b>Matrix Spike (1931040-MS1)</b>				Source: P907092-01		Prepared: 07/31/19 2 Analyzed: 08/01/19 1				
Chloride	264	20.0	mg/kg	250	ND	106	80-120			
<b>Matrix Spike Dup (1931040-MSD1)</b>				Source: P907092-01		Prepared: 07/31/19 2 Analyzed: 08/01/19 1				
Chloride	269	20.0	mg/kg	250	ND	108	80-120	1.70	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: Chacon Amigos #101 Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/02/19 14:44
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**Notes and Definitions**

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

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## Analytical Report

### Report Summary

Client: DJR Operating, LLC

Samples Received: 8/20/2019

Job Number: 17035-0097

Work Order: P908052

Project Name/Location: Chacon Amigos 101 BGT  
Release Confirmation Sampling

Report Reviewed By:

Date: 8/27/19

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.  
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Envirotech, Inc, currently holds the appropriate and available Utah TNi certification NM009792018-1 for the data reported.



DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	<b>Reported:</b> 08/27/19 14:57
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### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Wall	P908052-01A	Soil	08/20/19	08/20/19	Glass Jar, 4 oz.
	P908052-01B	Soil	08/20/19	08/20/19	Glass Jar, 4 oz.
North Base	P908052-02A	Soil	08/20/19	08/20/19	Glass Jar, 4 oz.
	P908052-02B	Soil	08/20/19	08/20/19	Glass Jar, 4 oz.

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**North Wall  
P908052-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Volatle Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %		50-150	1934028	08/20/19	08/21/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1934057	08/22/19	08/24/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1934057	08/22/19	08/24/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		112 %		50-200	1934057	08/22/19	08/24/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %		50-150	1934028	08/20/19	08/21/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	138	20.0	mg/kg	1	1934024	08/20/19	08/21/19	EPA 300.0/9056A	
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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**North Base  
P908052-02 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %		50-150	1934028	08/20/19	08/21/19	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1934057	08/22/19	08/24/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1934057	08/22/19	08/24/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		111 %		50-200	1934057	08/22/19	08/24/19	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1934028	08/20/19	08/21/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %		50-150	1934028	08/20/19	08/21/19	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	1934024	08/20/19	08/21/19	EPA 300.0/9056A	
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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**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 1934028 - Purge and Trap EPA 5030A**

<b>Blank (1934028-BLK1)</b>				Prepared & Analyzed: 08/20/19 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	8.57		"	8.00		107	50-150			

<b>LCS (1934028-BS1)</b>				Prepared & Analyzed: 08/20/19 1						
Benzene	4.85	0.0250	mg/kg	5.00		97.0	70-130			
Toluene	4.85	0.0250	"	5.00		97.1	70-130			
Ethylbenzene	4.86	0.0250	"	5.00		97.2	70-130			
p,m-Xylene	9.90	0.0500	"	10.0		99.0	70-130			
o-Xylene	4.84	0.0250	"	5.00		96.9	70-130			
Total Xylenes	14.7	0.0250	"	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.75		"	8.00		109	50-150			

<b>Matrix Spike (1934028-MS1)</b>				Source: P908046-01		Prepared & Analyzed: 08/20/19 1				
Benzene	4.83	0.0250	mg/kg	5.00	ND	96.6	54.3-133			
Toluene	4.81	0.0250	"	5.00	ND	96.2	61.4-130			
Ethylbenzene	4.82	0.0250	"	5.00	ND	96.5	61.4-133			
p,m-Xylene	9.83	0.0500	"	10.0	ND	98.3	63.3-131			
o-Xylene	4.80	0.0250	"	5.00	ND	95.9	63.3-131			
Total Xylenes	14.6	0.0250	"	15.0	ND	97.5	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.65		"	8.00		108	50-150			

<b>Matrix Spike Dup (1934028-MSD1)</b>				Source: P908046-01		Prepared & Analyzed: 08/20/19 1				
Benzene	4.87	0.0250	mg/kg	5.00	ND	97.5	54.3-133	0.938	20	
Toluene	4.88	0.0250	"	5.00	ND	97.5	61.4-130	1.38	20	
Ethylbenzene	4.88	0.0250	"	5.00	ND	97.5	61.4-133	1.07	20	
p,m-Xylene	9.94	0.0500	"	10.0	ND	99.4	63.3-131	1.12	20	
o-Xylene	4.86	0.0250	"	5.00	ND	97.2	63.3-131	1.30	20	
Total Xylenes	14.8	0.0250	"	15.0	ND	98.7	63.3-131	1.18	20	
Surrogate: 4-Bromochlorobenzene-PID	8.76		"	8.00		109	50-150			

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**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 1934057 - DRO Extraction EPA 3570**

<b>Blank (1934057-BLK1)</b>		Prepared: 08/22/19 1 Analyzed: 08/24/19 0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	59.6		"	50.0		119	50-200			

<b>LCS (1934057-BS1)</b>		Prepared: 08/22/19 1 Analyzed: 08/24/19 0								
Diesel Range Organics (C10-C28)	607	25.0	mg/kg	500		121	38-132			
Surrogate: n-Nonane	57.5		"	50.0		115	50-200			

<b>Matrix Spike (1934057-MS1)</b>		<b>Source: P908052-01</b>		Prepared: 08/22/19 1 Analyzed: 08/27/19 1						
Diesel Range Organics (C10-C28)	641	25.0	mg/kg	500	ND	128	38-132			
Surrogate: n-Nonane	59.0		"	50.0		118	50-200			

<b>Matrix Spike Dup (1934057-MSD1)</b>		<b>Source: P908052-01</b>		Prepared: 08/22/19 1 Analyzed: 08/27/19 1						
Diesel Range Organics (C10-C28)	640	25.0	mg/kg	500	ND	128	38-132	0.0882	20	
Surrogate: n-Nonane	55.4		"	50.0		111	50-200			

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**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 1934028 - Purge and Trap EPA 5030A**

<b>Blank (1934028-BLK1)</b>				Prepared & Analyzed: 08/20/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		"	8.00		93.9	50-150			

<b>LCS (1934028-BS2)</b>				Prepared & Analyzed: 08/20/19 1						
Gasoline Range Organics (C6-C10)	47.0	20.0	mg/kg	50.0		94.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		"	8.00		94.4	50-150			

<b>Matrix Spike (1934028-MS2)</b>				Source: P908046-01		Prepared & Analyzed: 08/20/19 1				
Gasoline Range Organics (C6-C10)	46.8	20.0	mg/kg	50.0	ND	93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.6	50-150			

<b>Matrix Spike Dup (1934028-MSD2)</b>				Source: P908046-01		Prepared: 08/20/19 1 Analyzed: 08/20/19 2				
Gasoline Range Organics (C6-C10)	46.8	20.0	mg/kg	50.0	ND	93.6	70-130	0.0944	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		"	8.00		94.3	50-150			

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	Reported: 08/27/19 14:57
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**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
<b>Batch 1934024 - Anion Extraction EPA 300.0/9056A</b>										
<b>Blank (1934024-BLK1)</b>				Prepared & Analyzed: 08/20/19 1						
Chloride	ND	20.0	mg/kg							
<b>LCS (1934024-BS1)</b>				Prepared & Analyzed: 08/20/19 1						
Chloride	256	20.0	mg/kg	250		102	90-110			
<b>Matrix Spike (1934024-MS1)</b>				Source: P908051-01 Prepared & Analyzed: 08/20/19 1						
Chloride	331	20.0	mg/kg	250	74.9	103	80-120			
<b>Matrix Spike Dup (1934024-MSD1)</b>				Source: P908051-01 Prepared & Analyzed: 08/20/19 1						
Chloride	330	20.0	mg/kg	250	74.9	102	80-120	0.236	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: Chacon Amigos 101 BGT Release Confirmation Sampling Project Number: 17035-0097 Project Manager: Felipe Aragon	<b>Reported:</b> 08/27/19 14:57
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**Notes and Definitions**

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

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