File Name Martin Whittaker 54 C144 BGT Closure 8-27-19

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-144
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

BGT 1

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: DJR Operating, LLC OGRID #: 371838
Address: 1 Road 3263 Aztec, NM 87410
Facility or well name: Martin Whittaker #54
API Number: 30-043-20735 OCD Permit Number: NA
U/L or Qtr/Qtr D/NW/NW Section 34 Township 23N Range 04W County: Sandoval
Center of Proposed Design: Latitude 36.18535 Longitude -107.2506 NAD83
Surface Owner: ☐ Federal ☐ State ☐ Private ☒ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____ bbl Dimensions: L_____ x W_____ x D_____

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 60 bbl Type of fluid: Produced Water
Tank Construction material: Steel
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☒ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____ mil ☐ HDPE ☐ PVC ☐ Other _____

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify _____

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure ~~Plan (only)~~ ☐ OCD Conditions (see attachment)

OCD Representative Signature: _____ **Approval Date:** 10/23/19

Title: Environmental Specalist **OCD Permit Number:** BGT 1

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** July 15, 2019

20.
Closure Method:

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐1927 ☐ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Dave Brown Title: Manager of Government and Regulatory Affairs

Signature: Dave Brown Date: Sept 20, 2019

e-mail address: DBrown@djrllc.com Telephone: 505-632-3476

Scope of Closure Activities:

The purpose of this closure plan is to provide the details of the activities involved in the closure of the BGT at the Leeson #1 well site. The following scope of closure activities has been designed to meet this objective:

1) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will close all of the BGTs currently in service within the five (5) years allotted. DJR Operating, LLC does not operate any BGTs which would qualify to be upgraded or retrofitted; as such, they will be closing all their current BGT's and replacing them with above ground storage if necessary.

2) DJR Operating, LLC will close BGT's deemed to be an imminent danger to fresh water, public health, or the environment by an earlier date that the division requires as specified in subsection A of 19.15.17.13 NMAC

3) DJR Operating will close any BGT which demonstrates a compromise of integrity before the five (5) years allotted by the division per Paragraph (6) of subsection I of 19.15.17.11 NMAC. **This deadline was missed.**

4) DJR Operating, LLC will close any BGT within 60 days of cessation of the BGTs operation per Subsection A of 19.15.17.13 NMAC. **BGT Closure started 7-15-2019**

5) No less than 72 hours and no greater than on (1) week prior to BGT removal DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide written notification to the appropriate division district office as well as a schedule of on-site activities, as in accordance with 19.15.17.13 Subsection J Paragraph (2) NMAC. Written notification will include the name of the well operator, the well's API number, the wells name and number, and the well's unit letter, section, township and range. **An email was sent to Cory Smith on 7-9-2019.**

6) No less than 24 hours and no greater than one week prior to beginning BGT closure activities DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide written notification to the appropriate surface owner, as in accordance with 19.15.17.13 Subsection J Paragraph (1) NMAC. DJR Operating, or a contractor acting on behalf of DJR

Operating, will notify the surface owner by certified mail, return receipt requested, that the operator plans to close a BGT. The return receipt will be used to ensure that he surface owner has received written notification no less than 25 hrs. and no greater than one week prior to the beginning of BGT closure activities. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records is sufficient to demonstrate compliance with this requirement. Closure activities that will take place on tribal land will have notification sent by certified mail, return receipt requested, to the appropriate tribal office. DJR Operating, or a contractor acting on behalf of DJR Operating, will notify the BLM of closure activities for wells located on federal land per a Sundry Notice, as in in accordance with 19.15.17.13 Subsection J Paragraph (1) NMAC. All notices will be sent in such a way that the surface owner received notice at least 24 hours prior to the beginning of the closure activities. **An email was sent to the Jicarilla Tribe on 7-9-2019.**

7) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will remove all liquids, and/or sludge, if applicable, prior to closure. Material will be disposed of at Industrial Ecosystems, Inc. (IEI) Landfarm, Permit #NM-01-0010B or Basin Disposal, Permit # NM-01-0005, depending on the consistence of the material removed, as in accordance with 19.15.17.13 Subsection E Paragraph (1) NMAC. **All liquids were removed and taken to Envirotech's landfarm.**

8) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will remove all on site equipment associated with this BGT that is no longer required for some other purpose, as in accordance with 19.15.17.13 Subsection E Paragraphs (3) NMAC. **All equipment was removed, this site will still be in use. We plan to reclaim at Plug and Abandonment.**

9) If applicable, any liners or leak detection system removed from a BGT closure will be cleaned off and disposed of at San Juan County Regional Landfill in accordance with Subparagraph (m) of Paragraph (1) of subsection D of 19.15.9.712 NMAC **N/A**

10) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will obtain prior approval from the OCD to dispose, recycle, reuse, or reclaim the BGT. DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide the OCD with documentation concerning the final disposition of the BGT with the closure report. **This steel BGT was moved to our storage yard and will be reused on another location. (PHOTO ATTACHED)**

11) Once the BGT is removed, a five (5)-point composite sample will be collected from directly below the tank or below the leak detection system if present. Grab samples will be collected from any areas that are wet, discolored, or showing other evidence of release. All samples being collected will be analyzed for benzene and total BTEX via USEAP Method 8021B, TPH via USEPA method 8015B, and chlorides, via USEPA 300.1, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC. **Samples were collected on 7-15-2019. Results are attached.**

12) Depending on soil sample results, the area will be either backfilled or the area will be excavated.

    a. If soil samples do not exceed the regulatory standards of .02 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg TPH, and 250 mg/kg or background concentration of chlorides, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
        i. DJR Operating, or a contractor acting on behalf of DJR Operating, shall submit a Form C-141 with the laboratory results so that the division may review the results to determine if additional delineation is required in accordance with Paragraph (5) of subsection E of 19.15.17.13 NMAC.
        ii. DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will backfill the excavation or impacted area with nonwasted containing, earthen material, in accordance with 19.15.17.13 Subsection E Paragraph (6) NMAC. A soil cover shall be installed for all backfilled excavation consisting of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater in accordance with Subsection H of 19.15.17.13 NMAC. The operator shall construct soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material.
        iii. All areas of the well site that are no longer utilized on a day to day basis for the production of oil and/or gas, DJR Operating, or a contractor acting on behalf of DJR Operating, will substantially restore, recontour, and revegetate the areas, in accordance with 19.15.17.13 Subsections G and I NMAC. The operator shall notify the division when it has been re-seeded

and when it has achieved successful re-vegetation. For re-vegetation methods, please see attached re-vegetation plan.

b. If soil samples exceed the regulatory standards stated above.
   i. DJR Operating will submit a Release Notification by Form C-141 with the appropriate analytical laboratory results to the appropriate division district office, in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
   ii. In accordance with Paragraph (5) of Subsection E of 19.15.17.13 NMAC, once the operator or the OCD has determined that the release has occurred, DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will comply with rule 19.15.3.116 NMAC and 19.15.1.19 NMAC as appropriate.

Reporting

DJR Operating, LLC will submit a closure report within 60 days following the BGT closure. The closure report will consist of a form C-144 with all supporting ☐data and a form C-141 with all supporting data☐. The supporting data will include proof of closure notice to the surface owner and the OCD ☐, confirmation of sampling analytical results☐, a site diagram☐, soil backfilling and cover installation☐, revegetation rates☐, re-seeding techniques☐, and a site reclamation photo documentation☐, if applicable, along with all other information related to onsite activities☐.

Amy Archuleta
Regulatory
DJR Operating, LLC

envirotech

August 9, 2019

Project #17035-0099

Ms. Amy Archuleta
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410

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

RE: BGT Closure Report for the Martin Whittaker #54 Well Site Located in Section 34, Township 23N, Range 4W, Sandoval County New Mexico

Dear Ms. Archuleta:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide confirmation sampling activities for the closure of a below grade tank (BGT) at the Martin Whittaker #54 well site (API: 30-043-20735) located within Section 34, Township 23 North, Range 4 West in Sandoval County, New Mexico; see **Figure 1, *Vicinity Map.***

On July 15, 2019, DJR personnel removed the BGT and collected a five-point composite confirmation soil sample from beneath the former location of the BGT. BGT removal and sampling activities were witnessed by Mr. Hobson Sandoval, Jicarilla Apache Nation Oil and Gas (JOGA) representative.

CONFIRMATION LABORATORY ANALYSIS

The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech's analytical laboratory. The soil sample was analyzed per closure criteria provided in *19.15.17.13 (H) New Mexico Administrative Code (NMAC).* Soil sample locations are illustrated in **Figure 2, *Site Map*** and in the attached ***Site Photography.***

Based on the C-144 approved by the New Mexico Oil Conservation Division (NMOCD) on April 30, 2018, the following closure criteria from *19.15.17.13 (H) NMAC* was used:

DEPTH TO GROUNDWATER	CONSTITUENT	METHOD	LIMIT
51 feet-100 feet	Chloride	EPA 300.0	10,000 mg/kg
	Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	2,500 mg/kg
	Gasoline + Diesel Range Organics (GRO+DRO)	EPA Method 8015D	1,000 mg/kg
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

SUMMARY AND CONCLUSIONS

On July 15, 2019, DJR personnel completed confirmation sampling of soil beneath the BGT at the Martin Whittaker #54 well site, Sandoval County, New Mexico. The soil sample collected for laboratory analysis returned results below the laboratory detection limits for BTEX and TPH except DRO and ORO which returned results of 81.6 mg/kg and 98.4 mg/kg, respectively. Chloride was not detected in the sample analyzed. 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 chlorides were below the applicable NMOCD and (JOGA) Closure Criteria for BGTs. An aboveground storage tank will be put into service in the former location of the BGT; therefore, reclamation will not be required at this time. Envirotech recommends **No Further Action** regarding the subject site.

STATEMENT OF LIMITATIONS

The work and services provided by DJR 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.

for

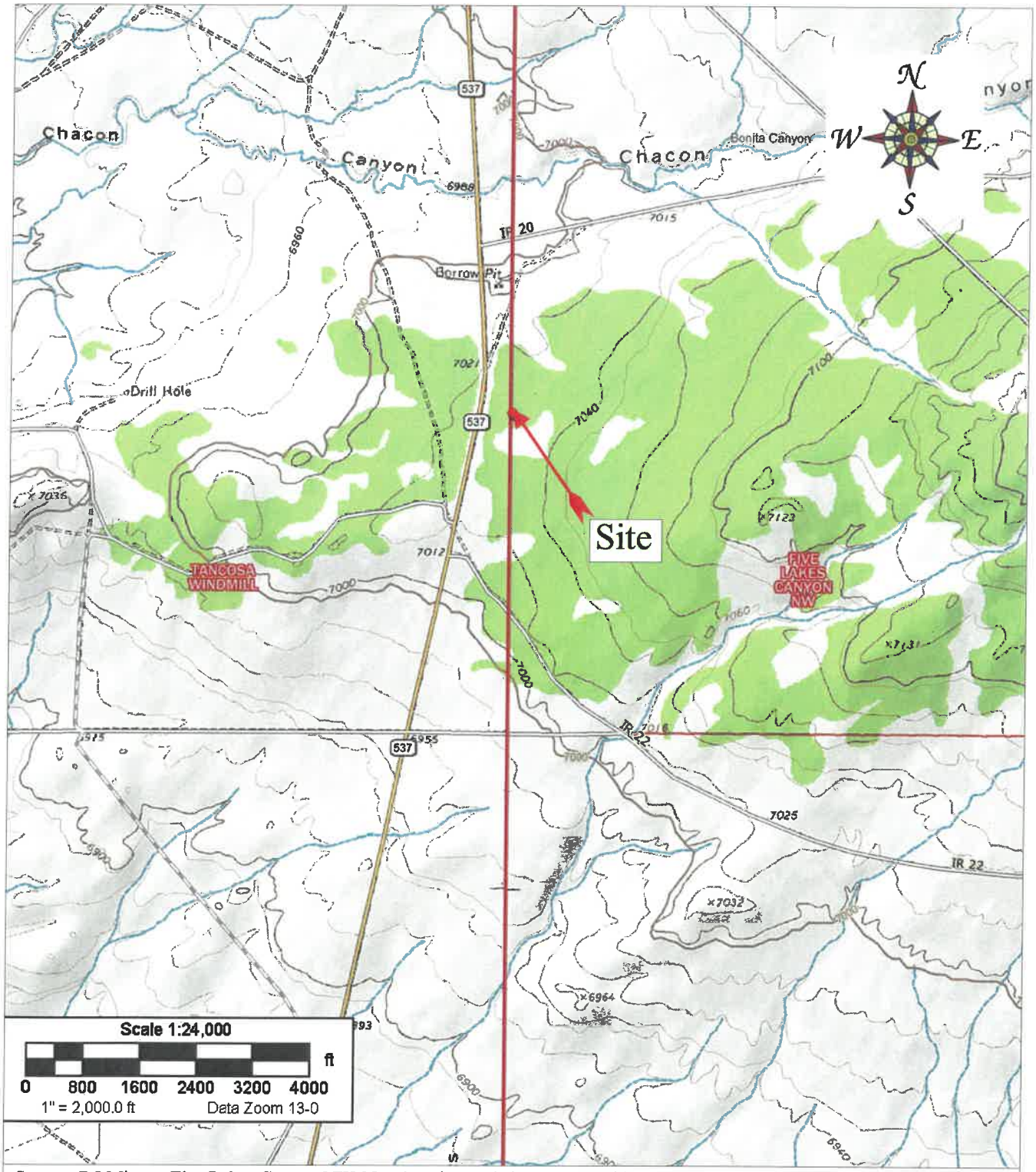
Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

Reviewed by:

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

DJR Operating Martin Whittaker #54 API: 30-043-20735 Section 34, Township 23N, Range 4W Sandoval County, New Mexico 36.185115, -107.250548	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure #1	
Project Number: 17035-0099 / Date Drawn: 8/5/2019		DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon

Legend

-BGT location

-Sample points

Sampling point represents a 5-point composite sample

envirotech

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

MAP DRAWN BY:
CJG
8/5/2019

REVISIONS BY:

APPROVED BY:
FRA
8/6/2019

1"=30'
0 7.5 15 30

Figure 2, Site Map

DJR Operating
API: 30-043-20735
Martin Whittaker #54
Section 34, Township 23N, Range 4W
36.185115, -107.250548
Sandoval County, New Mexico
Project #17035-0028

SITE PHOTOGRAPHY
BGT CLOSURE REPORT
DJR OPERATING
MARTIN WHITTAKER #54
PROJECT #17035-0099
JULY 2019

Picture 1: View of Surficial Soil beneath BGT

Picture 2: View of Sampling Points

SITE PHOTOGRAPHY
BGT CLOSURE REPORT
DJR OPERATING
MARTIN WHITTAKER #54
PROJECT #17035-0099
JULY 2019

Picture 3: View #1 of Recontoured Area

Picture 4: View #2 of Recontoured Area

Table 1, Summary of Soil Analytical Results
DJR Operating, LLC
BGT Closure Report
Martin Whittaker #54; API: 30-043-20735
Section 34, Township 23N, Range 4W
Sandoval County, New Mexico
Project #17035-0099

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)
NMOCD Closure Criteria: Table 1 -19.15.17.13 (H)			*1,000 mg/kg*			*10 mg/kg*	*50 mg/kg*	*10,000 mg/kg*
			2,500 mg/kg					
Martin Whittaker 54	7/15/2019	0.5 feet	<20.0	81.6	98.4	<0.025	<0.100	<20.0

*5-point composite soil sample

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 7/15/2019
Job Number: 17035-0028
Work Order: P907040
Project Name/Location: Martin Whittaker 54

Report Reviewed By: Walter Hinchman Date: 7/19/19

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

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Martin Whittaker 54	P907040-01A	Soil	07/15/19	07/15/19	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

Martin Whittaker 54
P907040-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*		*50-150*	*1929002*	*07/15/19*	*07/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**81.6**	25.0	mg/kg	1	1929018	07/17/19	07/17/19	EPA 8015D	
Oil Range Organics (C28-C40)	**98.4**	50.0	mg/kg	1	1929018	07/17/19	07/17/19	EPA 8015D	
Surrogate: n-Nonane		*120 %*		*50-200*	*1929018*	*07/17/19*	*07/17/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1929002	07/15/19	07/17/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*		*50-150*	*1929002*	*07/15/19*	*07/17/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1929016	07/17/19	07/17/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

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 1929002 - Purge and Trap EPA 5030A										
Blank (1929002-BLK1)				Prepared: 07/15/19 0 Analyzed: 07/19/19 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	*7.97*		"	*8.00*		*99.6*	*50-150*			
LCS (1929002-BS1)				Prepared: 07/15/19 0 Analyzed: 07/19/19 0						
Benzene	4.51	0.0250	mg/kg	5.00		90.1	70-130			
Toluene	4.90	0.0250	"	5.00		98.0	70-130			
Ethylbenzene	4.89	0.0250	"	5.00		97.9	70-130			
p,m-Xylene	10.1	0.0500	"	10.0		101	70-130			
o-Xylene	4.90	0.0250	"	5.00		97.9	70-130			
Total Xylenes	15.0	0.0250	"	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		"	*8.00*		*100*	*50-150*			
Matrix Spike (1929002-MS1)	**Source: P907037-12**			Prepared: 07/15/19 0 Analyzed: 07/19/19 0						
Benzene	4.48	0.0250	mg/kg	5.00	ND	89.7	54.3-133			
Toluene	4.90	0.0250	"	5.00	ND	98.1	61.4-130			
Ethylbenzene	4.88	0.0250	"	5.00	ND	97.6	61.4-133			
p,m-Xylene	10.0	0.0500	"	10.0	ND	100	63.3-131			
o-Xylene	4.88	0.0250	"	5.00	ND	97.6	63.3-131			
Total Xylenes	14.9	0.0250	"	15.0	ND	99.3	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		"	*8.00*		*100*	*50-150*			
Matrix Spike Dup (1929002-MSD1)	**Source: P907037-12**			Prepared: 07/15/19 0 Analyzed: 07/19/19 0						
Benzene	4.52	0.0250	mg/kg	5.00	ND	90.4	54.3-133	0.833	20	
Toluene	4.95	0.0250	"	5.00	ND	98.9	61.4-130	0.852	20	
Ethylbenzene	4.93	0.0250	"	5.00	ND	98.5	61.4-133	0.948	20	
p,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131	0.953	20	
o-Xylene	4.93	0.0250	"	5.00	ND	98.6	63.3-131	1.01	20	
Total Xylenes	15.0	0.0250	"	15.0	ND	100	63.3-131	0.973	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		"	*8.00*		*100*	*50-150*			

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

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 1929018 - DRO Extraction EPA 3570										
Blank (1929018-BLK1)				Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*48.3*		"	*50.0*		*96.7*	*50-200*			
LCS (1929018-BS1)				Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Diesel Range Organics (C10-C28)	510	25.0	mg/kg	500		102	38-132			
Surrogate: n-Nonane	*50.4*		"	*50.0*		*101*	*50-200*			
Matrix Spike (1929018-MS1)	**Source: P907040-01**			Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Diesel Range Organics (C10-C28)	661	25.0	mg/kg	500	81.6	116	38-132			
Surrogate: n-Nonane	*59.7*		"	*50.0*		*119*	*50-200*			
Matrix Spike Dup (1929018-MSD1)	**Source: P907040-01**			Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Diesel Range Organics (C10-C28)	655	25.0	mg/kg	500	81.6	115	38-132	0.887	20	
Surrogate: n-Nonane	*60.6*		"	*50.0*		*121*	*50-200*			

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

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 1929002 - Purge and Trap EPA 5030A										
Blank (1929002-BLK1)				Prepared: 07/15/19 0 Analyzed: 07/16/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.27*		"	*8.00*		*103*	*50-150*			
LCS (1929002-BS2)				Prepared: 07/15/19 0 Analyzed: 07/16/19 1						
Gasoline Range Organics (C6-C10)	57.1	20.0	mg/kg	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.30*		"	*8.00*		*104*	*50-150*			
Matrix Spike (1929002-MS2)	**Source: P907037-12**			Prepared: 07/15/19 0 Analyzed: 07/16/19 1						
Gasoline Range Organics (C6-C10)	55.9	20.0	mg/kg	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.26*		"	*8.00*		*103*	*50-150*			
Matrix Spike Dup (1929002-MSD2)	**Source: P907037-12**			Prepared: 07/15/19 0 Analyzed: 07/16/19 1						
Gasoline Range Organics (C6-C10)	54.7	20.0	mg/kg	50.0	ND	109	70-130	2.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.18*		"	*8.00*		*102*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

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 1929016 - Anion Extraction EPA 300.0/9056A										
Blank (1929016-BLK1)				Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1929016-BS1)				Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Chloride	248	20.0	mg/kg	250		99.2	90-110			
Matrix Spike (1929016-MS1)	**Source: P907047-01**			Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Chloride	384	20.0	mg/kg	250	145	95.7	80-120			
Matrix Spike Dup (1929016-MSD1)	**Source: P907047-01**			Prepared: 07/17/19 0 Analyzed: 07/17/19 1						
Chloride	399	20.0	mg/kg	250	145	102	80-120	3.71	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.

DJR Operating, LLC	Project Name:	Martin Whittaker 54	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	07/19/19 17:04

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.

Project Information

Chain of Custody

Page 1 of 1

Client:	DJR Operator LLC
Project:	Martin Whittaker 54
Project Manager:	Amy Archuleta
Address:	1 Road 3263
City, State, Zip	Aztec NM 87410
Phone:	505-632-3476
Email:	aarchuleta@djrllc.com

Report Attention

Report due by:	7/19/19
Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	aarchuleta@djrllc.com

Lab Use Only

Lab WO#	Job Number
P907040	17035-0029

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
10:30 am	7/15/19	S	1	Martin Whittaker 54	1	X	X	X			X	

Additional Instructions: P.O. AA-X-NMOCD2019-MW54

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: Amy Archuleta

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
	7/15/19	1:00pm	Rosa Lopez	7/15/19	1:00 pm
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on Ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

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labadmin@envirotech-inc.com

Project Information

Chain of Custody

Page 1 of 1

Client: DCP Operator LLC
Project: Martin Whittaker 54
Project Manager: Tony Archuleta
Address: 1 Road 3263
City, State, Zip Aztec NM 87410
Phone: 505-632-3476
Email: aarchuleta@dcpllc.com

Report Attention
Report due by: 7/19/19
Attention:
Address:
City, State, Zip
Phone: F. Aragon, B. Hall, T. Knight
Email: aarchuleta@dcpllc.com

Lab Use Only
Lab WO# P907040
Job Number 17035-0028

TAT: 1D, 3D

EPA Program: RCRA, CWA, SDWA

State: NM, CO, UT, AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
10:30 Am	7/15/19	S	1	Martin Whittaker 54	1	X	X	X			X	

Additional Instructions: P.O. AA-X-NMOCD2019-MW54

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: Tony Archuleta

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
	7/15/19	1:00pm	Rain Lopez	7/15/19	1:00 pm
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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

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labadmin@envirotech-inc.com

Amy Archuleta

From: Amy Archuleta
Sent: Tuesday, July 9, 2019 2:45 PM
To: 'Alfred Vigil'; Jason Sandoval; Orson Harrison; Hobson Sandoval
Cc: Kurt D. Sandoval - BIA Jicarilla Agency (kurt.sandoval@bia.gov); Vicenti, Deedra; Marlena Martinez; Cordell Tecube; cory.smith@state.nm.us; 'Emmanuel'
Subject: BGT Removal Chacon Amigos 101 and Martin Whittaker 54

Sorry All: I had the wrong well in the Subject line.

From: Amy Archuleta
Sent: Tuesday, July 9, 2019 11:17 AM
To: 'Alfred Vigil' <alfredvigiljr@jicarillaoga.com>; Jason Sandoval <jasonsandoval@jicarillaoga.com>; Orson Harrison <orsonharrison@jicarillaoga.com>; Hobson Sandoval <hsandoval2012@gmail.com>
Cc: Kurt D. Sandoval - BIA Jicarilla Agency (kurt.sandoval@bia.gov) <kurt.sandoval@bia.gov>; Vicenti, Deedra <Deedra.Vicenti@bia.gov>; Marlena Martinez <marlena.martinez@bia.gov>; Cordell Tecube <cltecube@yahoo.com>; cory.smith@state.nm.us; 'Emmanuel' <aadeloye@blm.gov>
Subject: RE: Bonanza 8 - BGT removal 30-043-20653

All:

Pursuant to 19.15.17.13 Subsection J Paragraph (1) NMAC. This will serve as notification to the landowner / NMOCD for removal and Sampling of the below (2) BGTs listed below. The removal will occur on **Monday, July 15th, 2018 starting at 9:30 am** at the first location the Chacon Amigos 101. When the work is complete there, we will rode to the Martin Whittaker 54 approximately 10 miles from the Chacon Amigos 101 and remove and sample that BGT.

1. Well Name: **Chacon Amigos 101**
   API: **30-043-20500**
   Lease: **Jicarilla 358**
   Location: **UL: L Sec 7-T22N-R2W**
   1850' FSL X 790' FWL
   Sandoval County, NM

2. Well Name: **Martin Whittaker 54**
   API: **30-043-20735**
   Lease: **392**
   Location: **UL: D- 34-T23N-R04W**
   870' FNL X 850' FWL
   Sandoval County, NM

In accordance with the approved closure plan DJR is requesting prior approval to thoroughly clean these pits and give them to the Jicarilla to be used in the future by them.

Thank you,

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Amy Archuleta Title: Regulatory

Signature: Amy Archuleta Date: August 9, 2019

e-mail address: aarchuleta@djrllc.com Telephone: 505-632-3476