

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.

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: PO BOX 156 Bloomfield, NM 87413
Facility or well name: Rincon 10
API Number: 30-039-24451 OCD Permit Number: _____
U/L or Qtr/Qtr G Section 13 Township 23N Range 07W County: Rio Arriba
Center of Proposed Design: Latitude 36.22799 Longitude -107.52465 NAD83
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3

FEB 12 2018

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: 28 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 Single wall tank
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 4' tall hog wire fence with pipe rail

6.

Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☒ Screen ☐ Netting ☐ Other _____
- ☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

- ☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☒ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

- ☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- ☒ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☐ No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area. **(Does not apply to below grade tanks)**

- 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. **(Does not apply to below grade tanks)**

- FEMA map

☐ Yes ☐ No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Temporary Pit Non-low chloride drilling fluid

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Permanent Pit or Multi-Well Fluid Management Pit

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12. **Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13. **Proposed Closure:** 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit
☐ Alternative
- Proposed Closure Method: ☐ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14. **Waste Excavation and Removal 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.

- ☐ 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 Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - 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

15. **Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

| | |
|---|---|
| Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance | |

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

| |
|---|
| <input type="checkbox"/> Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC |
| <input type="checkbox"/> Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC |
| <input type="checkbox"/> Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC |
| <input type="checkbox"/> 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 |
| <input type="checkbox"/> Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC |
| <input type="checkbox"/> Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC |
| <input type="checkbox"/> Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC |
| <input type="checkbox"/> Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) |
| <input type="checkbox"/> Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC |
| <input type="checkbox"/> Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC |
| <input type="checkbox"/> 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: 2/26/2018

Title: Environmental Specialist OCD Permit Number: _____

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: 2-9-17

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.*

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

On-site Closure Location: Latitude 36.22799 Longitude -107.52465 NAD: ☐ 1927 ☒ 1983

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 Supervisor

Signature:  Date: 2-9-18

e-mail address: aarchuleta@djrlc.com Telephone: (505) 632-3476 x201

Amy Archuleta

From: Bayliss, Randolph, EMNRD <Randolph.Bayliss@state.nm.us>
Sent: Wednesday, December 20, 2017 11:10 AM
To: Amy Archuleta
Subject: RE: Rincon 10 30-039-24451 - BGT Closure Notice

Is this in the Elm Ridge box too?

From: Amy Archuleta [mailto:aarchuleta@djrlc.com]
Sent: Wednesday, December 20, 2017 9:36 AM
To: Bayliss, Randolph, EMNRD <Randolph.Bayliss@state.nm.us>
Cc: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>
Subject: FW: Rincon 10 30-039-24451 - BGT Closure Notice

Hi Randy,

It's me again....

Here is another C144 that needs to be approved and scanned to the online file.

If you need anything else, please let me know.

Thank you
Amy

From: Amy Archuleta
Sent: Wednesday, December 20, 2017 9:26 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>
Subject: Rincon 10 30-039-24451 - BGT Closure Notice

Good Morning,

This BGT was closed not following the BGT Closure that was submitted in 2009. The foreman removed the BGT and backfilled the area. We plan to use Animas Environmental Services to test this area with an auger on **December 26, 2017 at 10am.**

The well information is as follows:

Rincon 10
API: 30-039-24451
G-Sec 13-T23N-R7W
Lat: 36.227906 Long: -107.524281

I will submit a sundry notice to the surface owner (BLM) this morning.

I have attached the BGT that was submitted to Santa Fe, I did not see it scanned into the on-line file.

If there is anything else that needs to be done, please let me know.

Thank you
Amy Archuleta
Regulatory Supervisor
DJR Operating, LLC

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. **This closure was due by 1-08-14. It was not done by the closure plan. It was estimated to be closed around November 2016.**
- 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
N/A
- 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.
N/A
- 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.
Started Closure plan on 11-1-16. Closed on 2-9-18.
- 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.
**OCD notified me the closure wasn't done correctly I emailed them official 12-20-17.
Attached**
- 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 the 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 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.

Notified BLM about improper closure on 12-19-18. Attached

- 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.

N/A

- 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.

- 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

There wasn't a liner present.

- 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.

The steel tank was taken to the Lybrook yard.

- 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.

- 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.

Attached C141 samples taken by auger method.

- 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.
Area is still in use and will not be re-vegetated at this time.

- 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.

C-141 attached with analytical results, from the testing with an auger, are attached.

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 Supervisor
DJR Operating, LLC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

RECEIVED

DEC 20 2017

SUBMIT IN TRIPLICATE - Other instructions on reverse side

| | |
|---|---|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Serial No. NMSF 078359 |
| 2. Name of Operator DJR Operating, LLC | 6. If Indian, Allottee or Tribe Name |
| 3a. Address PO BOX 156 Bloomfield, NM 87413 | 7. If Unit or CA/Agreement, Name and/or No. |
| 3b. Phone No. (include area code) 505-632-3476 x201 | 8. Well Name and No. Rincon 10 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL x 1650' FEL G Sec. 13-T23N-R7W | 9. API Well No. 30-039-24451 |
| | 10. Field and Pool, or Exploratory Area Lybrook Gallup |
| | 11. County or Parish, State Rio Arriba County, NM |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> BGT Closure Notice |
| | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. DJR Operating LLC is required to notify the surface owner of DJR's plans to close a below grade tank. DJR is informing you of our plans to close the below grade tank on the above well pad that is located on your surface. Before DJR purchased this well, the BGT was closed by the previous operator and no official notice was given. This closure did not follow procedure and per the NMOCD we will need to use an auger to test the closed area. We plan to test the BGT area with the auger next Tuesday December 26th, 2017 at 10AM.

The BGT was closed and there was not a need to replace this BGT with an above grade tank.

Entered into AFMSS

DEC 22 2017

By: A. Williamson

| | |
|--|--------------------------------|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Amy Archuleta | Title Regulatory Supervisor |
| Signature LWT | Date December 19, 2017 |

THIS SPACE FOR FEDERAL OR STATE USE

| | | |
|---|-------------------|------------------|
| Approved by Supra N. K. H. A. | Title Supr NPS | Date 12/21/17 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office FTO | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OIL CONS. DIV DIST. 3

FARMINGTON

FEB 12 2018



January 8, 2018

Amy Archuleta
Regulatory Supervisor
DJR Operating, LLC
PO Box 156
Bloomfield, New Mexico 87413

Sent via electronic mail to:
aarchuleta@djrlc.com

**RE: Below Grade Tank Closure Report
Rincon 10
Rio Arriba County, New Mexico**

Dear Ms. Archuleta:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at the DJR Operating (DJR) Rincon 10, located in Rio Arriba County, New Mexico. Tank removal had been completed by DJR contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name – Rincon 10

Legal Description – SW¼ NE¼, Section 13, T23N, R7W, Rio Arriba County, New Mexico

Well Latitude/Longitude – N36.22792 and W107.52427, respectively

BGT Latitude/Longitude – N36.22799 and W107.52465, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, December 2017

604 W. Piñon St.
Farmington, NM 87401
505-564-2281

1911 Main, Ste 206
Durango, CO 81301
970-403-3084

1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the location was given a ranking score of 10 based on the following factors:

- **Depth to Groundwater:** The tank location is approximately 45 feet higher than a branch of Escrito Canyon Wash located about 1,250 feet south. Based on elevation, topographic interpretation and visual reconnaissance, depth to groundwater is interpreted to be 50 to 100 feet below ground surface (bgs). (10 points)
- **Wellhead Protection Area:** The location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** A branch of Escrito Canyon Wash is located approximately 1,250 feet south. (0 points)

1.3 BGT Closure Assessment

AES was initially contacted by Amy Archuleta of DJR on December 18, 2017, and on December 26, 2017, Corwin Lameman of AES mobilized to the location. AES personnel collected one soil sample (BGT S-1) from the center of the BGT footprint from below the former BGT liner.

2.0 Soil Sampling

2.1 Laboratory Analyses

Soil sample BGT S-1 was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B;
- TPH as Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Motor Oil Range Organics (MRO) per USEPA Method 8015M/D; and
- Chloride per USEPA Method 300.0.

2.2 Laboratory Analytical Results

Laboratory analytical results are summarized in Table 1, and presented on Figure 2. The laboratory analytical report is attached.

Table 1. Soil Laboratory Analytical Results
Rincon 10 BGT Closure, December 2017

| Sample ID | Date Sampled | Depth (ft) | Benzene (8021) (mg/kg) | Total BTEX (8021) (mg/kg) | TPH – GRO (8015) (mg/kg) | TPH – DRO (8015) (mg/kg) | TPH – MRO (8015) (mg/kg) | Chlorides (300.0) (mg/kg) |
|--|--------------|------------|------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| NMOCD Action Level (NMAC 19.15.17.13E) | | | 0.2 | 50 | | 100 | | 250 |
| BGT S-1 | 12/26/17 | 4.5 | <0.025 | <0.221 | <4.9 | 41 | 67 | <30 |

3.0 Conclusions and Recommendations

3.1 BGT Closure

NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Benzene and total BTEX concentrations were below the NMOCD action levels of 0.2 mg/kg and 50 mg/kg, respectively. However, laboratory TPH concentrations in BGT S-1 exceeded the NMOCD action level of 100 mg/kg, with a concentration of 108 mg/kg (TPH 8015). Chloride concentrations in BGT S-1 were below the NMOCD action level of 250 mg/kg. Based on laboratory analytical results on December 26, 2017, a release was confirmed at the Rincon 10 location.

3.2 Release Confirmation

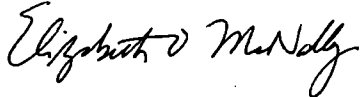
Action levels for releases are determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 10. Benzene and total BTEX concentrations in BGT S-1 were below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. TPH concentrations were reported below the NMOCD action level of 1,000 mg/kg. All soil laboratory analyses showed that benzene, total BTEX, TPH, and chloride concentrations were below the respective NMOCD action levels for BGT S-1. Release notification should follow the protocols outlined in NMAC 19.15.29 and 30. No further work is recommended for the Rincon 10.

If you have any questions about this report or site conditions, please do not hesitate to contact Tami Knight, Project Manager, or Elizabeth McNally at (505) 564-2281.

Sincerely,



David J. Reese
Environmental Scientist



Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, December 2017
- Hall Analytical Report 1712E63

R:\Animas 2000\Dropbox (Animas Environmental)\0000 AES Server Client Projects Dropbox\2017 Client Projects\DJR Operating (Bee Line)\Rincon 10\Rincon 10 BGT Closure Report 010818.docx

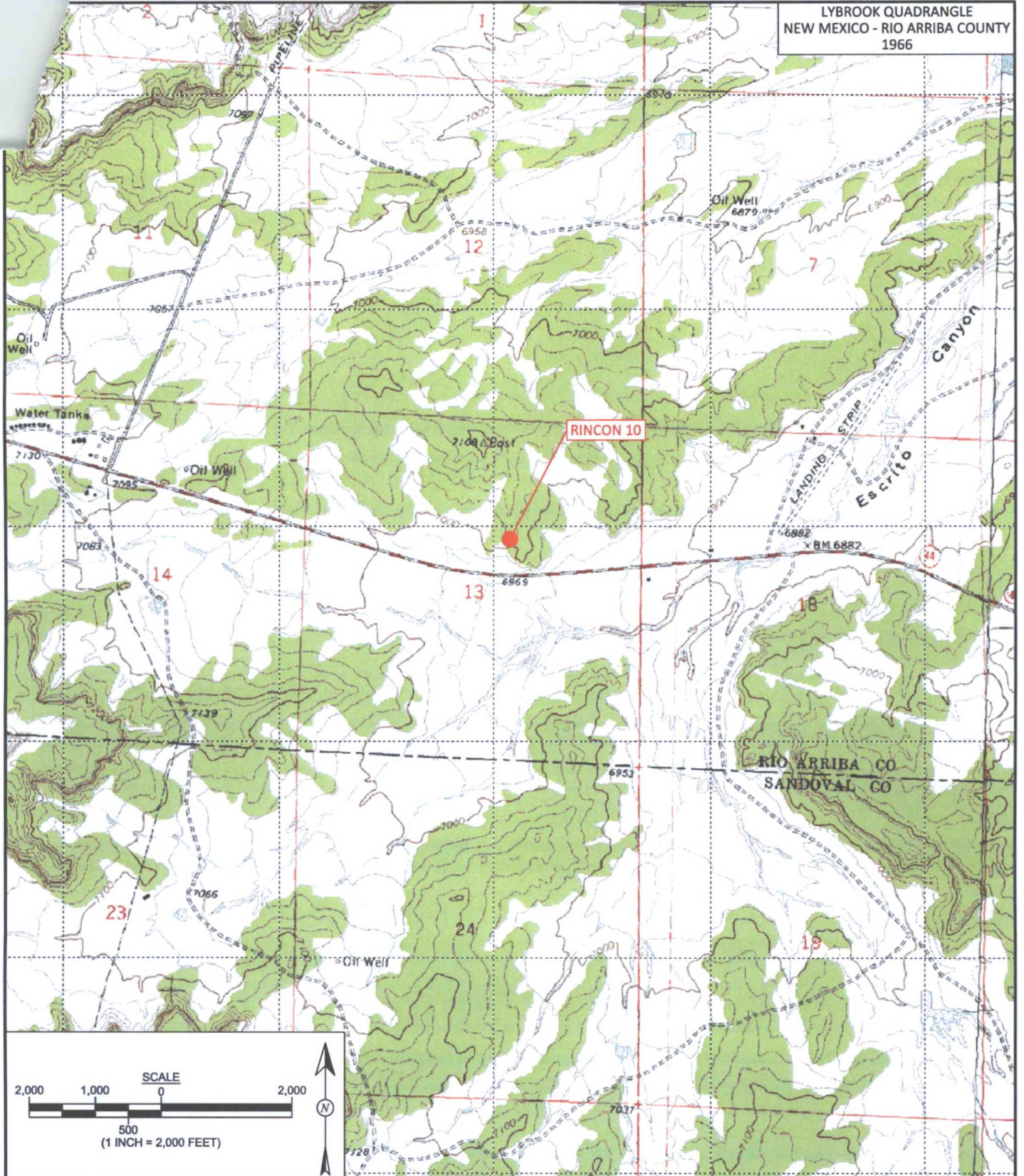


FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

DJR OPERATING
RINCON 10
SW¼ NE¼, SECTION 13, T23N, R7W
RIO ARRIBA COUNTY, NEW MEXICO
N36.22792, W107.52427

DRAWN BY:

C. Lameman

DATE DRAWN:

December 18, 2017

REVISIONS BY:

C. Lameman

DATE REVISED:

December 18, 2017

CHECKED BY:

E. McNally

DATE CHECKED:

December 18, 2017

APPROVED BY:

E. McNally

DATE APPROVED:

December 18, 2017



animas
environmental
services

Farmington, NM • Durango, CO
animasenvironmental.com

| LEGEND | |
|--------|----------------------------|
| | SECONDARY CONTAINMENT BERM |
| | FENCE |

| Laboratory Analytical Results | | | | | | | | |
|-------------------------------|----------|------------|-----------------|--------------------|-----------------|-----------------|-----------------|-------------------|
| Sample ID | Date | Depth (ft) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | TPH-MRO (mg/kg) | Chlorides (mg/kg) |
| NMOCD ACTION LEVEL | | | 0.2 | 50 | 100 | | 250 | |
| BGT S-1 | 12/26/17 | 4.5 | <0.025 | <0.221 | <4.9 | 41 | 67 | <30 |

SAMPLE WAS ANALYZED PER USEPA METHOD 8260B, 8015D, AND 300.0.



AERIAL SOURCE: © 2017 GOOGLE EARTH PRO, AERIAL DATE: OCTOBER 13, 2017.



**animas
environmental
services**
Farmington, NM • Durango, CO
animasenvironmental.com

| | |
|------------------------------------|--|
| DRAWN BY: C. Lameman | DATE DRAWN: December 18, 2017 |
| REVISIONS BY: S. Glasses | DATE REVISED: January 9, 2018 |
| CHECKED BY: E. McNally | DATE CHECKED: January 9, 2018 |
| APPROVED BY: E. McNally | DATE APPROVED: January 9, 2018 |

FIGURE 2

**AERIAL SITE MAP
BELOW GRADE TANK CLOSURE
DECEMBER 2017**
DJR OPERATING
RINCON 10
SW¼ NE¼, SECTION 13, T23N, R7W
RIO ARriba COUNTY, NEW MEXICO
N36.22792, W107.52427

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

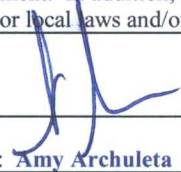
| | | |
|--|---|-----------------------------|
| Name of Company DJR Operating LLC | Contact Amy Archuleta | |
| Address PO BOX 156 Bloomfield, NM 87412 | Telephone No. 505-632-3476 x 201 | |
| Facility Name Rincon 10 | Facility Type Oil | |
| Surface Owner BLM | Mineral Owner | API No. 30-039-24451 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------------------|----------------------|------------------------|--------------------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------|
| Unit Letter G | Section 13 | Township 23N | Range 7W | Feet from the 1650' | North/South Line North | Feet from the 1650' | East/West Line East | County Rio Arriba |
|-------------------------|----------------------|------------------------|--------------------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------|

Latitude 36.22799 Longitude -107.52465 NAD83

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release Historical BGT | Volume of Release Unknown | Volume Recovered 0 recovered |
| Source of Release BGT | Date and Hour of Occurrence Unknown | Date and Hour of Discovery Unknown |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |
| If a Watercourse was Impacted, Describe Fully.* | | |
| Describe Cause of Problem and Remedial Action Taken.* The BGT on this location wasn't properly removed. When tested with an auger this site was above the 100 PPM for TPH on the closure. A release had occurred sometime in the past. | | |
| Describe Area Affected and Cleanup Action Taken.* The results were only 8 PPM over the 100 PPM requirement for BGT closure. The site ranking for this location is 10. We are under the requirements for 19.15.29. We request no further action be taken and this site be approved for BGT closure. | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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. | | |
| Signature:  | <u>OIL CONSERVATION DIVISION</u> | |
| Printed Name: Amy Archuleta | Approved by Environmental Specialist: | |
| Title: Regulatory Supervisor | Approval Date: | Expiration Date: |
| E-mail Address: aarchuleta@djrlc.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 2-09-18 Phone: 505-632-3476 x201 | | |

* Attach Additional Sheets If Necessary

Analytical Report

Lab Order 1712E63

Date Reported: 1/4/2018

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: BGT S-1

Project: DJR Rincon 10

Collection Date: 12/26/2017 10:26:00 AM

Lab ID: 1712E63-001

Matrix: SOIL

Received Date: 12/27/2017 7:30:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|------------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 30 | | mg/Kg | 20 | 1/2/2018 9:05:08 PM | 35804 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 41 | 9.7 | | mg/Kg | 1 | 12/29/2017 10:07:45 AM | 35758 |
| Motor Oil Range Organics (MRO) | 67 | 49 | | mg/Kg | 1 | 12/29/2017 10:07:45 AM | 35758 |
| Surr: DNOP | 90.3 | 70-130 | | %Rec | 1 | 12/29/2017 10:07:45 AM | 35758 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 12/29/2017 8:09:09 PM | 35757 |
| Surr: BFB | 75.4 | 15-316 | | %Rec | 1 | 12/29/2017 8:09:09 PM | 35757 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 12/29/2017 8:09:09 PM | 35757 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 12/29/2017 8:09:09 PM | 35757 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 12/29/2017 8:09:09 PM | 35757 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 12/29/2017 8:09:09 PM | 35757 |
| Surr: 4-Bromofluorobenzene | 90.6 | 80-120 | | %Rec | 1 | 12/29/2017 8:09:09 PM | 35757 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | |
|--------------------|---|---|
| Qualifiers: | * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| | D Sample Diluted Due to Matrix | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| | PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| | S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712E63

04-Jan-18

Client: Animas Environmental Services

Project: DJR Rincon 10

| | | | | | | | | | | |
|------------|----------|-----|-------------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-35804 | | SampType: mblk | | TestCode: EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | | Batch ID: 35804 | | RunNo: 48126 | | | | | |
| Prep Date: | 1/2/2018 | | Analysis Date: 1/2/2018 | | SeqNo: 1545516 | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|------------|-----------|-----|-------------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCS-35804 | | SampType: lcs | | TestCode: EPA Method 300.0: Anions | | | | | |
| Client ID: | LCSS | | Batch ID: 35804 | | RunNo: 48126 | | | | | |
| Prep Date: | 1/2/2018 | | Analysis Date: 1/2/2018 | | SeqNo: 1545517 | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.4 | 90 | 110 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712E63

04-Jan-18

Client: Animas Environmental Services

Project: DJR Rincon 10

| | | | | | | | | | | |
|------------|------------|-----|---------------------------|-------------|---|----------|-------------|------|----------|------|
| Sample ID | LCS-35724 | | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | | Batch ID: 35724 | | RunNo: 48061 | | | | | |
| Prep Date: | 12/27/2017 | | Analysis Date: 12/28/2017 | | SeqNo: 1541392 | | Units: %Rec | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.2 | | 5.000 | | 83.7 | 70 | 130 | | | |

| | | | | | | | | | | |
|------------|------------|-----|---------------------------|-------------|---|----------|-------------|------|----------|------|
| Sample ID | MB-35724 | | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | |
| Client ID: | PBS | | Batch ID: 35724 | | RunNo: 48061 | | | | | |
| Prep Date: | 12/27/2017 | | Analysis Date: 12/28/2017 | | SeqNo: 1541393 | | Units: %Rec | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 8.5 | | 10.00 | | 85.4 | 70 | 130 | | | |

| | | | | | | | | | | |
|-----------------------------|------------|-----|---------------------------|-------------|---|----------|--------------|------|----------|------|
| Sample ID | LCS-35758 | | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | | Batch ID: 35758 | | RunNo: 48061 | | | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: 12/29/2017 | | SeqNo: 1542276 | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 44 | 10 | 50.00 | 0 | 87.3 | 73.2 | 114 | | | |
| Surr: DNOP | 4.1 | | 5.000 | | 82.3 | 70 | 130 | | | |

| | | | | | | | | | | |
|--------------------------------|------------|---------------------------|-----------|-------------|---|----------|--------------|------|----------|------|
| Sample ID | MB-35758 | SampType: MBLK | | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: 35758 | | | RunNo: 48061 | | | | | |
| Prep Date: | 12/28/2017 | Analysis Date: 12/29/2017 | | | SeqNo: 1542278 | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.3 | | 10.00 | | 83.4 | 70 | 130 | | | |

Qualifiers:

| | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712E63

04-Jan-18

Client: Animas Environmental Services

Project: DJR Rincon 10

| | | | | | | | | | | | |
|-------------------------------|------------|-----|----------------|-------------|------|-----------|----------------------------------|------|--------------|------|--|
| Sample ID | MB-35757 | | SampType: | MBLK | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
| Client ID: | PBS | | Batch ID: | 35757 | | RunNo: | 48111 | | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542681 | | Units: mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | 830 | | 1000 | | 83.3 | 15 | 316 | | | | |

| | | | | | | | | | | | |
|-------------------------------|------------|-----|----------------|-------------|------|-----------|----------------------------------|------|--------------|------|--|
| Sample ID | LCS-35757 | | SampType: | LCS | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
| Client ID: | LCSS | | Batch ID: | 35757 | | RunNo: | 48111 | | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542682 | | Units: mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 27 | 5.0 | 25.00 | 0 | 106 | 75.9 | 131 | | | | |
| Surr: BFB | 950 | | 1000 | | 94.6 | 15 | 316 | | | | |

| | | | | | | | | | | | |
|-------------------------------|----------------|-----|----------------|-------------|------|-----------|----------------------------------|------|--------------|------|--|
| Sample ID | 1712E63-001AMS | | SampType: | MS | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
| Client ID: | BGT S-1 | | Batch ID: | 35757 | | RunNo: | 48111 | | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542684 | | Units: mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 30 | 4.8 | 23.81 | 0 | 125 | 77.8 | 128 | | | | |
| Surr: BFB | 900 | | 952.4 | | 94.1 | 15 | 316 | | | | |

| | | | | | | | | | | | |
|-------------------------------|-----------------|-----|----------------|-------------|------|-----------|----------------------------------|------|--------------|------|--|
| Sample ID | 1712E63-001AMSD | | SampType: | MSD | | TestCode: | EPA Method 8015D: Gasoline Range | | | | |
| Client ID: | BGT S-1 | | Batch ID: | 35757 | | RunNo: | 48111 | | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542685 | | Units: mg/Kg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 29 | 4.8 | 23.90 | 0 | 121 | 77.8 | 128 | 2.57 | 20 | | |
| Surr: BFB | 890 | | 956.0 | | 92.7 | 15 | 316 | 0 | 0 | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1712E63

04-Jan-18

Client: Animas Environmental Services

Project: DJR Rincon 10

| | | | | | | | | | | |
|----------------------------|-------------------|-------|----------------|-------------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | MB-35757 | | SampType: | MBLK | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | PBS | | Batch ID: | 35757 | | RunNo: | 48111 | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542734 | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 96.1 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|-------------------|-------|----------------|-------------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | LCS-35757 | | SampType: | LCS | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | LCSS | | Batch ID: | 35757 | | RunNo: | 48111 | | | |
| Prep Date: | 12/28/2017 | | Analysis Date: | 12/29/2017 | | SeqNo: | 1542735 | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.92 | 0.025 | 1.000 | 0 | 92.4 | 77.3 | 128 | | | |
| Toluene | 0.94 | 0.050 | 1.000 | 0 | 94.2 | 79.2 | 125 | | | |
| Ethylbenzene | 0.95 | 0.050 | 1.000 | 0 | 94.6 | 80.7 | 127 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 96.3 | 81.6 | 129 | | | |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 98.2 | 80 | 120 | | | |

Qualifiers:

| | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1712E63

RcptNo: 1

Received By: Sophia Campuzano 12/27/2017 7:30:00 AM

Sophia Campuzano

Completed By: Sophia Campuzano 12/27/2017 11:23:22 AM

Sophia Campuzano

Reviewed By: *IMD/SRC* 12/27/17

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

| | | | |
|----------------------|-------|-------|---|
| Person Notified: | _____ | Date: | _____ |
| By Whom: | _____ | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | _____ | | |
| Client Instructions: | _____ | | |

17. Additional remarks:

18. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 3.3 | Good | Yes | | | |

| | | |
|--------------------------------|------------------------------------|---|
| Chain-of-Custody Record | | Turn-Around Time: |
| Client: | Animas Environmental Services, LLC | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush: |

Client: Animas Environmental Services, LLC

Turn-Around Time:

☒ Standard ☐ Rush:

Mailing Address: 604 W Pinon St.
Farmington, NM 87401

Project Name: DJR Rincon 10

Phone #: 505-564-2281

Project #:

Email or Fax#: emcnally@animasenvironmental.com

Project Manager:
E. McNally/T. Knight

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other _____

Sampler: CL

On Ice ☐ Yes ☒ No

☐ EDD (Type) _____

Sample Temperature: 3.3

[illegible]

Date:

Time:

Relinquished by:

Received by:

| Date | Time |
|------|------|
|------|------|

Remarks: Bill to AES.

Please call with any questions

Date:

Time:

Relinquished by:

Received by:

| Date | Time |
|------|------|
|------|------|

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Rincon 10
API: 30-039-24451
"G" – Section 13-T23N-R07W
Rio Arriba County, NM
Lat: 36.22799 Long: -107.52465

