

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: George Turpin 1  
API Number: 30-045-26791 OCD Permit Number: N/A  
U/L or Qtr/Qtr K: Section 26 Township 25N Range 12W County: San Juan  
Center of Proposed Design: Latitude 36.370356 Longitude -108.083564 NAD83  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

NMOCD

APR 26 2019

DISTRICT III

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 \_\_\_\_\_

\* Release Confirmed Additional Remediation Required.

3.  
☒ Below-grade tank: Subsection I of 19.15.17.11 NMAC  
Volume: 100 bbl Type of fluid: produced water  
Tank Construction material: Fiber Glass  
☐ 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 \_\_\_\_\_

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 H<sub>2</sub>S, 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.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><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).<br>- 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.<br>- 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.<br>- 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.<br>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   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |

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

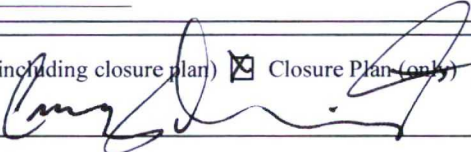
17.  
**Operator Application Certification:**  
 I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

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

OCD Representative Signature:  Approval Date: 5/3/19

Title: Environmental Spec 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: ~~12/21/18~~ 4/24/19

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 checked="" type="checkbox"/>	Re-vegetation Application Rates and Seeding Technique
<input type="checkbox"/>	Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.370356 Longitude -108.083564 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): Amy Archuleta Title: Regulatory

Signature:  Date: 04-24-19

e-mail address: aarchuleta@dirllc.com Telephone: 505-632-3476 x201

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: <b>DJR Operating, LLC</b>	OGRID <b>371838</b>
Contact Name <b>Amy Archuleta</b>	Contact Telephone <b>505-632-3476 x201</b>
Contact email <b>aarchuleta@djrlc.com</b>	Incident # (assigned by OCD)
Contact mailing address <b>1 Road 3263 Aztec, NM 8741</b>	

### Location of Release Source

Latitude **36.3703613**

Longitude **-108.0843201**  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name <b>George Tuprin #1</b>	Site Type <b>Oil Well</b>
Date Release Discovered <b>4-12-19</b>	API# (if applicable) <b>30-045-26791</b>

Unit Letter	Section	Township	Range	County
<b>K</b>	<b>26</b>	<b>25N</b>	<b>12W</b>	<b>San Juan</b>

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>Unknown</b>	Volume Recovered (bbls) <b>NONE</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: **Former location of a below grade tank (BGT). After required testing per closure plan, it was discovered a release had occurred in the past. The samples came back under the NMOCD action levels. No further action is required.**

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>65</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Amy Archuleta Title: RegulatorySignature:  Date: 4-18-2019email: aarchuleta@djrlc.com Telephone: 505-632-3476**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**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 4-9-2019.**
- 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 and Vanessa Fields at NMOCD on 4-4-2019.**
- 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 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. **A sundry notices was sent to Bureau of Land Management on 4-4-2019.**

- 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 **The liner was taken to Bondad landfill.**
- 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 BGT was crushed and disposed of at the Bondad landfill.** ✓

- 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 4-9-2019.** ✓  
**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**

## Amy Archuleta

---

**From:** Amy Archuleta  
**Sent:** Thursday, April 4, 2019 10:47 AM  
**To:** cory.smith@state.nm.us; vanessa.fields@state.nm.us  
**Cc:** Powell, Brandon, EMNRD (Brandon.Powell@state.nm.us); 'Emmanuel'  
**Subject:** FW: BGT Closures

All:

I apologize for the inconvenience of cancelling Monday's BGT removals on such short notice. I would like to reschedule the work for

**Tuesday, April 9<sup>th</sup>, 2019 at 9 am.**

We will start at the Whee Whitney travel to the Polly Turpin and the **George Turpin last.**

If you have any questions or concerns, please let me know.

Thank you,  
Amy

**From:** Amy Archuleta  
**Sent:** Tuesday, March 26, 2019 12:51 PM  
**To:** cory.smith@state.nm.us; vanessa.fields@state.nm.us  
**Cc:** Powell, Brandon, EMNRD (Brandon.Powell@state.nm.us) <Brandon.Powell@state.nm.us>  
**Subject:** BGT Closures

All:

I will be closing the BGT's on the following locations **Monday, April 1<sup>st</sup>, 2019 starting at 9am.**

DJR will remove the BGT's and test under them in this order.

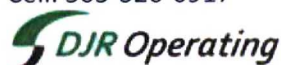
1. Whee Whitney 001 30-045-26462 (BLM Surface)
2. Polly Turpin 001 30-045-26312 (Allotted Surface)
3. George Turpin 001 30-045-26791 (BLM Surface)

Sundry notices have been submitted to the appropriate offices for notice to land owners.

If you have questions or concerns, please contact me.

Thank you,

Amy Archuleta  
Phone: 505-632-3476 x201  
Cell: 505-320-6917



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM51014

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**8. Well Name and No.  
GEORGE TURPIN 19. API Well No.  
30-045-26791-00-S1

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
DJR OPERATING LLCContact: SHAW-MARIE CRUES  
E-Mail: scrues@djrlc.com3a. Address  
1600 BROADWAY SUITE 1960  
DENVER, CO 802023b. Phone No. (include area code)  
Ph: 505-632-3476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 26 T25N R12W NESW 1980FSL 1650FWL  
36.370285 N Lat, 108.083710 W Lon10. Field and Pool or Exploratory Area  
BISTI

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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	Production Facility Changes
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: 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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Due to unforeseen issues the above mentioned BGT was not closed April 1, 2019. The new scheduled closing date will be April 9, 2019 starting at approximately 1130. If you would like to attend this removal please contact Amy Archuleta at 505-320-6917.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #460348 verified by the BLM Well Information System

For DJR OPERATING LLC, sent to the Farmington

Committed to AFMSS for processing by ALBERTA WETHINGTON on 04/08/2019 (19AMW0256SE)

Name (Printed/Typed) SHAW-MARIE CRUES

Title HSE TECHNICIAN

Signature (Electronic Submission)

Date 04/04/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**ACCEPTED**

SARAH SCOTT

Title SUPERVISORY NATURAL RESOURCE SPECIALIST Date 04/10/2019

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 Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

WCA Bondad Landfill  
PO Box 215  
Bloomfield, NM 87413  
(970) 247-8295

000389  
DJR OPERATING LLC UPSTREAM  
PO BOX 156  
BLOOMFIELD, NM 87413

GROSS WEIGHT  
TARE WEIGHT  
NET WEIGHT

SITE 01	TICKET 208422	SCALE OPERATOR Cody	ORIGIN Colorado
DATE IN 4/12/19	DATE OUT 4/12/19	TIME IN 2:40 pm	TIME OUT 2:40 pm
REFERENCE Whee Whitney	VEHICLE DJR OPERATING 1	ROLL OFF	

INVOICE  
INBOUND

818086

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.00	YD	SW_Special Waste	\$19.85	\$595.50	\$13.50	\$609.00
1.00		Energy Recovery Charge	\$6.07	\$36.15	\$0.00	\$36.15
1.00		ENVIRONMENTAL CHARGE	\$12.00	\$71.46	\$0.00	\$71.46

Charge to: DJR Operating LLC

Location Name & #: Whee Whitney

Hauled by: TEM

Truck #: 46 Date: 4/12/19

Signature: Michael

1500 East CR 318, Durango, CO 81301

NET AMOUNT  
\$716.61

TENDERED  
\$0.00

CHANGE  
\$0.00

CHECK NO.

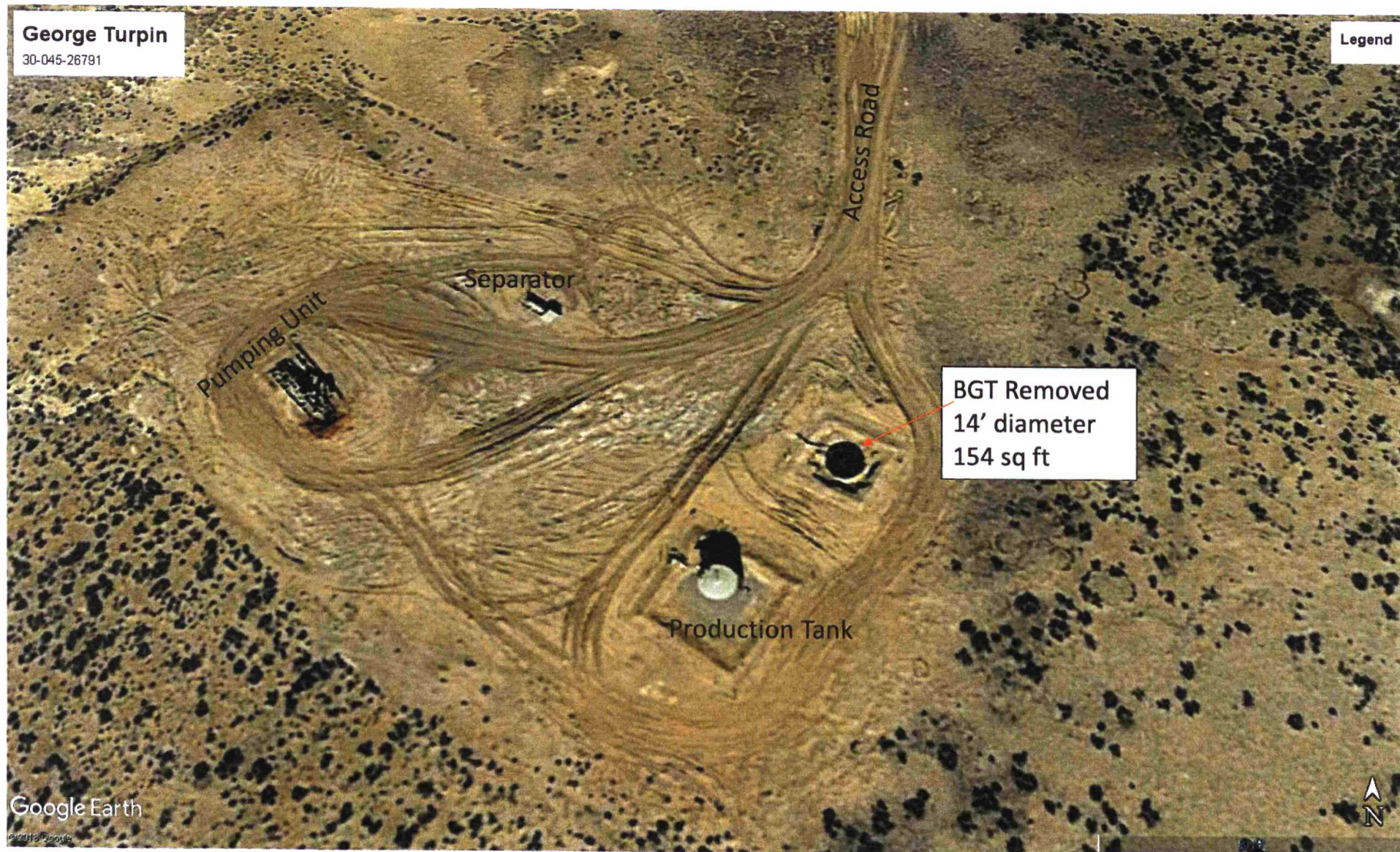
WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecutions.

SIGNATURE X

George Turpin

30-045-26791

Legend



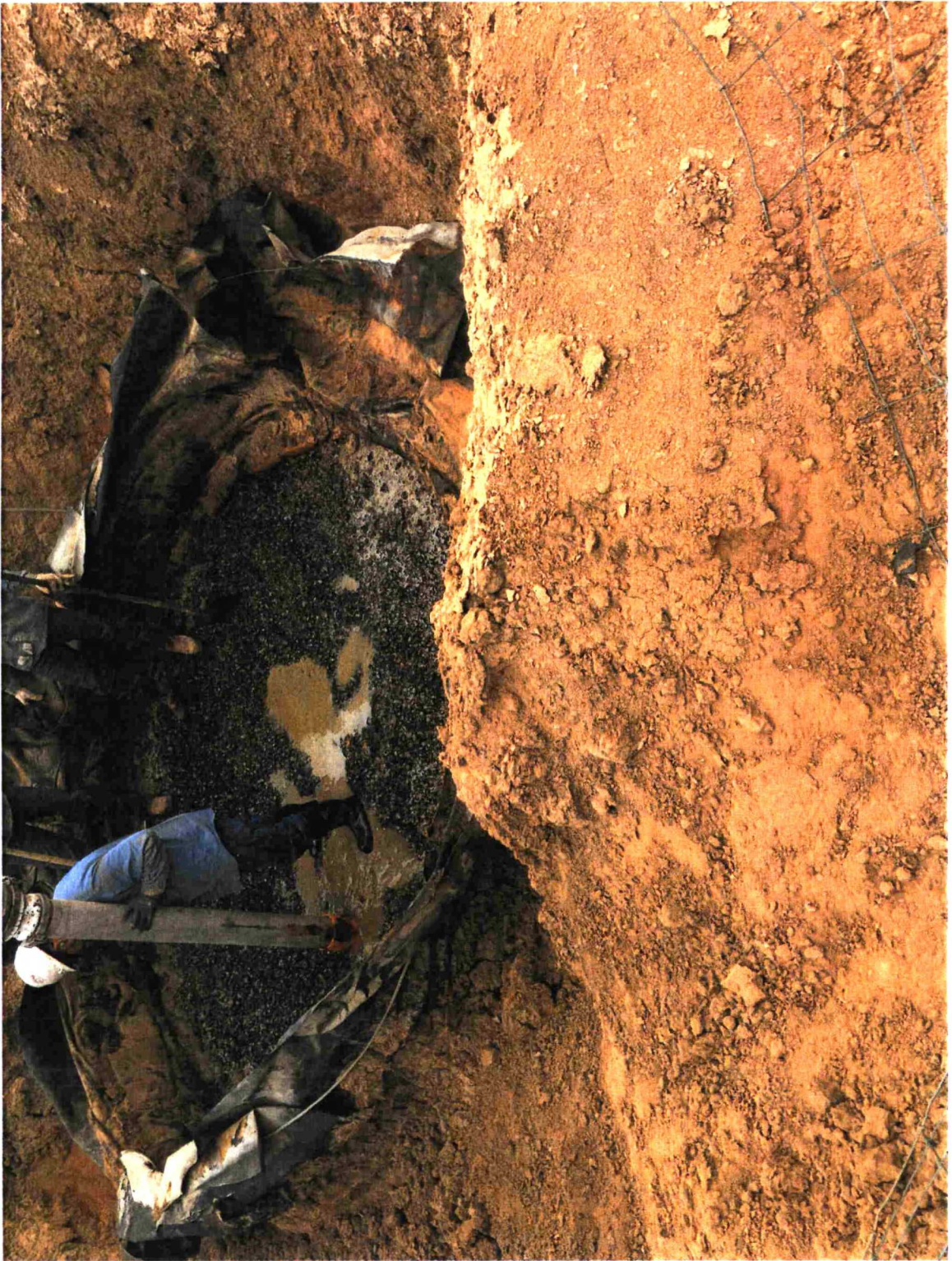
BGT Removed  
14' diameter  
154 sq ft

Google Earth

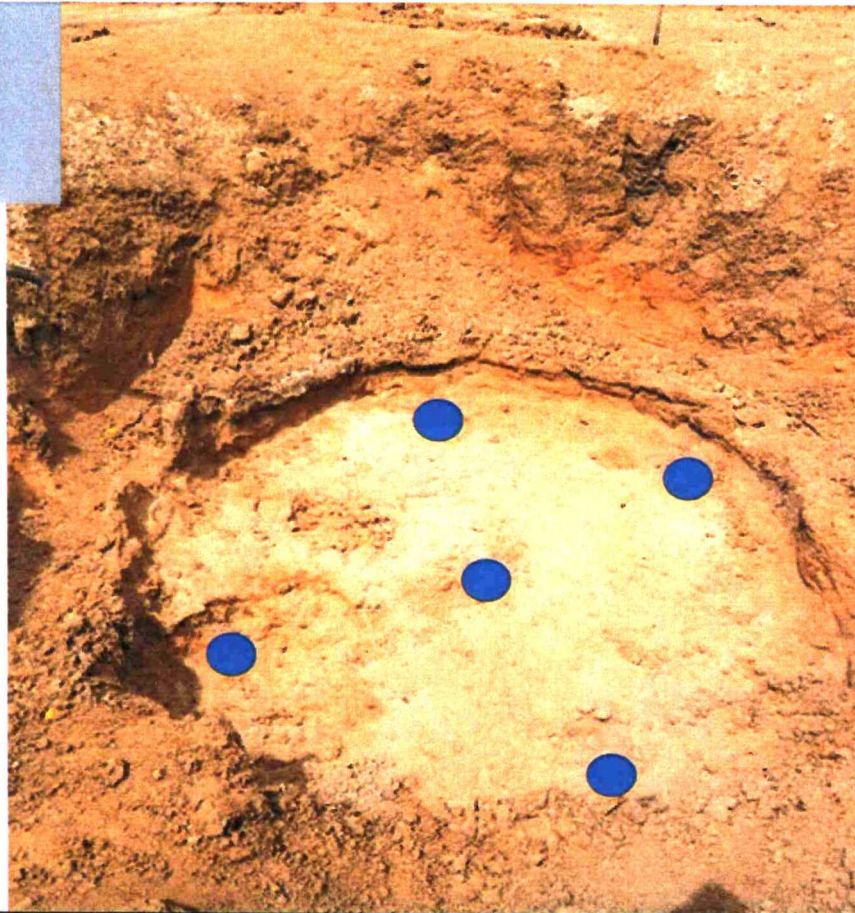
© 2013 Google



George Turpin #1  
30-045-26791  
"K" Sec 26-T25N-R12W  
San Juan County, NM



George Turpin #1  
30-045-26791  
"K" Sec 26-T25N-R12W  
San Juan County, NM



Constituent	Allowable Level	Results
Chlorides	10,000 mg/kg	1120 mg/kg
TPH	2500 mg/kg	892 mg/kg
DRO & GRO	1000 mg/kg	557 mg/kg
BTEX	50 mg/kg	0.2045 mg/kg



George Turpin #1  
30-045-26791  
"K" Sec 26-T25N-R12W  
San Juan County, NM



## Analytical Report

### Report Summary

Client: DJR Operating, LLC

Samples Received: 4/9/2019

Job Number: 17035-0028

Work Order: P904035

Project Name/Location: George Turpin #1

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', written over a horizontal line.

Date: 4/12/19

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.



DJR Operating, LLC  
1 Rd 3263  
Aztec NM, 87410

Project Name: George Turpin #1  
Project Number: 17035-0028  
Project Manager: Amy Archuleta

**Reported:**  
04/12/19 12:38

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
George Turpin #1	P904035-01A	Soil	04/09/19	04/09/19	Glass Jar, 4 oz.
	P904035-01B	Soil	04/09/19	04/09/19	Glass Jar, 4 oz.

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

DJR Operating, LLC  
 1 Rd 3263  
 Aztec NM, 87410

 Project Name: George Turpin #1  
 Project Number: 17035-0028  
 Project Manager: Amy Archuleta

**Reported:**  
 04/12/19 12:38

**George Turpin #1**  
**P904035-01 (Solid)**

## Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organic Compounds by 8260</b>									
Benzene	ND	0.0250	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
Ethylbenzene	0.0265	0.0250	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
p,m-Xylene	0.0890	0.0500	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
Total Xylenes	0.0890	0.0250	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.8 %		70-130	1915016	04/10/19	04/10/19	EPA 8260B	
Surrogate: Toluene-d8		100 %		70-130	1915016	04/10/19	04/10/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.6 %		70-130	1915016	04/10/19	04/10/19	EPA 8260B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1915016	04/10/19	04/10/19	EPA 8015D	
Diesel Range Organics (C10-C28)	557	125	mg/kg	5	1915005	04/10/19	04/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	335	250	mg/kg	5	1915005	04/10/19	04/10/19	EPA 8015D	
Surrogate: n-Nonane		106 %		50-200	1915005	04/10/19	04/10/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.8 %		70-130	1915016	04/10/19	04/10/19	EPA 8015D	
Surrogate: Toluene-d8		100 %		70-130	1915016	04/10/19	04/10/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.6 %		70-130	1915016	04/10/19	04/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	1120	20.0	mg/kg	1	1915019	04/10/19	04/10/19	EPA 300.0/9056A	

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



DJR Operating, LLC	Project Name:	George Turpin #1	Reported:
1 Rd 3263	Project Number:	17035-0028	04/12/19 12:38
Aztec NM, 87410	Project Manager:	Amy Archuleta	

### Volatile Organic Compounds by 8260 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1915016 - Purge and Trap EPA 5030A

##### Blank (1915016-BLK1)

Prepared: 04/09/19 | Analyzed: 04/11/19 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: 1,2-Dichloroethane-d4	0.485		"	0.500		97.0	70-130			
Surrogate: Toluene-d8	0.499		"	0.500		99.7	70-130			
Surrogate: Bromofluorobenzene	0.480		"	0.500		95.9	70-130			

##### LCS (1915016-BS1)

Prepared: 04/09/19 | Analyzed: 04/10/19 2

Benzene	2.27	0.0250	mg/kg	2.50		90.8	70-130			
Toluene	2.30	0.0250	"	2.50		91.8	70-130			
Ethylbenzene	2.32	0.0250	"	2.50		92.7	70-130			
p,m-Xylene	4.65	0.0500	"	5.00		93.0	70-130			
o-Xylene	2.38	0.0250	"	2.50		95.2	70-130			
Total Xylenes	7.03	0.0250	"	7.50		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		"	0.500		98.0	70-130			
Surrogate: Toluene-d8	0.506		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

##### Matrix Spike (1915016-MS1)

Source: P904031-01

Prepared: 04/09/19 | Analyzed: 04/11/19 0

Benzene	2.42	0.0250	mg/kg	2.50	ND	96.9	48-131			
Toluene	2.45	0.0250	"	2.50	ND	98.0	48-130			
Ethylbenzene	2.47	0.0250	"	2.50	ND	98.8	45-135			
p,m-Xylene	4.99	0.0500	"	5.00	ND	99.7	43-135			
o-Xylene	2.55	0.0250	"	2.50	ND	102	43-135			
Total Xylenes	7.54	0.0250	"	7.50	ND	100	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.501		"	0.500		100	70-130			
Surrogate: Toluene-d8	0.504		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.498		"	0.500		99.6	70-130			

##### Matrix Spike Dup (1915016-MSD1)

Source: P904031-01

Prepared: 04/09/19 | Analyzed: 04/11/19 0

Benzene	2.27	0.0250	mg/kg	2.50	ND	90.7	48-131	6.55	23	
Toluene	2.28	0.0250	"	2.50	ND	91.2	48-130	7.25	24	
Ethylbenzene	2.31	0.0250	"	2.50	ND	92.5	45-135	6.67	27	
p,m-Xylene	4.64	0.0500	"	5.00	ND	92.8	43-135	7.18	27	
o-Xylene	2.38	0.0250	"	2.50	ND	95.4	43-135	6.73	27	
Total Xylenes	7.02	0.0250	"	7.50	ND	93.7	43-135	7.03	27	
Surrogate: 1,2-Dichloroethane-d4	0.497		"	0.500		99.4	70-130			
Surrogate: Toluene-d8	0.506		"	0.500		101	70-130			

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



DJR Operating, LLC  
1 Rd 3263  
Aztec NM, 87410

Project Name: George Turpin #1  
Project Number: 17035-0028  
Project Manager: Amy Archuleta

Reported:  
04/12/19 12:38

**Volatile Organic Compounds by 8260 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 1915016 - Purge and Trap EPA 5030A**

**Matrix Spike Dup (1915016-MSD1)**

**Source: P904031-01**

**Prepared: 04/09/19 | Analyzed: 04/11/19 0**

Surrogate: Bromofluorobenzene	0.517	mg/kg	0.500	103	70-130
-------------------------------	-------	-------	-------	-----	--------

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



DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: George Turpin #1 Project Number: 17035-0028 Project Manager: Amy Archuleta	Reported: 04/12/19 12:38
--	--	-----------------------------

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1915005 - DRO Extraction EPA 3570

##### Blank (1915005-BLK1)

Prepared: 04/09/19 1 Analyzed: 04/10/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	40.5		"	50.0		81.0	50-200			

##### LCS (1915005-BS1)

Prepared: 04/09/19 1 Analyzed: 04/10/19 1

Diesel Range Organics (C10-C28)	458	25.0	mg/kg	500		91.6	38-132			
Surrogate: n-Nonane	42.1		"	50.0		84.2	50-200			

##### Matrix Spike (1915005-MS1)

Source: P904022-01

Prepared: 04/09/19 1 Analyzed: 04/10/19 1

Diesel Range Organics (C10-C28)	410	25.0	mg/kg	500	ND	82.1	38-132			
Surrogate: n-Nonane	37.1		"	50.0		74.2	50-200			

##### Matrix Spike Dup (1915005-MSD1)

Source: P904022-01

Prepared: 04/09/19 1 Analyzed: 04/10/19 1

Diesel Range Organics (C10-C28)	418	25.0	mg/kg	500	ND	83.5	38-132	1.74	20	
Surrogate: n-Nonane	41.3		"	50.0		82.5	50-200			

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



DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: George Turpin #1 Project Number: 17035-0028 Project Manager: Amy Archuleta	Reported: 04/12/19 12:38
--	--	-----------------------------

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1915016 - Purge and Trap EPA 5030A

##### Blank (1915016-BLK1)

Prepared: 04/09/19 1 Analyzed: 04/11/19 0

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.485		"	0.500		97.0	70-130			
Surrogate: Toluene-d8	0.499		"	0.500		99.7	70-130			
Surrogate: Bromofluorobenzene	0.480		"	0.500		95.9	70-130			

##### LCS (1915016-BS2)

Prepared: 04/09/19 1 Analyzed: 04/10/19 2

Gasoline Range Organics (C6-C10)	56.4	20.0	mg/kg	50.0		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		"	0.500		97.5	70-130			
Surrogate: Toluene-d8	0.500		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.495		"	0.500		99.0	70-130			

##### Matrix Spike (1915016-MS2)

Source: P904031-01

Prepared: 04/09/19 1 Analyzed: 04/11/19 0

Gasoline Range Organics (C6-C10)	52.3	20.0	mg/kg	50.0	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		"	0.500		97.2	70-130			
Surrogate: Toluene-d8	0.496		"	0.500		99.1	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

##### Matrix Spike Dup (1915016-MSD2)

Source: P904031-01

Prepared: 04/09/19 1 Analyzed: 04/11/19 0

Gasoline Range Organics (C6-C10)	52.1	20.0	mg/kg	50.0	ND	104	70-130	0.341	20	
Surrogate: 1,2-Dichloroethane-d4	0.503		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.509		"	0.500		102	70-130			

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



DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: George Turpin #1 Project Number: 17035-0028 Project Manager: Amy Archuleta	Reported: 04/12/19 12:38
--	--	-----------------------------

### 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 1915019 - Anion Extraction EPA 300.0/9056A

##### Blank (1915019-BLK1)

Prepared: 04/10/19 0 Analyzed: 04/10/19 1

Chloride	ND	20.0	mg/kg
----------	----	------	-------

##### LCS (1915019-BS1)

Prepared: 04/10/19 0 Analyzed: 04/10/19 1

Chloride	253	20.0	mg/kg	250	101	90-110
----------	-----	------	-------	-----	-----	--------

##### Matrix Spike (1915019-MS1)

Source: P904032-01

Prepared: 04/10/19 0 Analyzed: 04/10/19 1

Chloride	594	20.0	mg/kg	250	324	108	80-120
----------	-----	------	-------	-----	-----	-----	--------

##### Matrix Spike Dup (1915019-MSD1)

Source: P904032-01

Prepared: 04/10/19 0 Analyzed: 04/10/19 1

Chloride	567	20.0	mg/kg	250	324	97.2	80-120	4.52	20
----------	-----	------	-------	-----	-----	------	--------	------	----

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

DJR Operating, LLC  
1 Rd 3263  
Aztec NM, 87410

Project Name: George Turpin #1  
Project Number: 17035-0028  
Project Manager: Amy Archuleta

**Reported:**  
04/12/19 12:38

#### 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.

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

Page 10 of 10