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

OCD

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	DJR Operating LLC	OGRID	371838
Contact Name	Amy Archuleta	Contact Telephone	505-632-3476
Contact email	aarchuleta@djrllc.com	Incident # *(assigned by OCD)*	NS 1825433658
Contact mailing address	1 Road 6263 Aztec, NM, 87410		

Location of Release Source

Latitude 36.22905 Longitude -107.23672

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	MARTIN WHITTAKER #035	Site Type	Oil
Date Release Discovered	August 23, 2018	API# *(if applicable)*	30-039-23285

Unit Letter	Section	Township	Range	County
A	15	23N	04W	Rio Arriba

* Sampling and closure Approved By NMOCD & SEPO

Surface Owner: ☐ State ☐ Federal ☒ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

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

Cause of Release

While cleaning out the soil around the BGT to provide visibility to the bottom of this soon to be Plugged and Abandoned location, contaminated soil was observed. The cause of the release appears to be loss of intergrity by corrosion.

NMOCD

NOV 15 2018

DISTRICT III

29

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: Regulatory

Signature: Date: 11/13/18

email: aarchuleta@djrllc.com Telephone: 505-632-3476

OCD Only

Received by: OCD Date: 11/15/18

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: 12/3/18

Printed Name: Cory Title: Environmental Spec.

November 13, 2018

Cory Smith
Environmental Specialist
New Mexico Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos
Aztec, New Mexico 87410

Sent via electronic mail to:
cory.smith@state.nm.us

RE: Below Grade Tank Release and Final Excavation Report
Martin Whittaker #35
API #30-039-23285
Incident No. NCS 1825433658
Rio Arriba County, New Mexico

Dear Mr. Smith:

On August 23, 2018, DJR Operating (DJR) completed below grade tank (BGT) closure activities at the DJR Martin Whittaker #35 located in Rio Arriba County, New Mexico. During the closure activities, soil contamination was observed beneath the BGT and subsequently excavated and transported for off-site disposal. On September 20, 2018, soil sampling for the environmental clearance of the final excavation limits was conducted. BGT removal and final excavation activities were completed by DJR contractors prior to excavation clearance sampling on September 20, 2018.

1.0 Site Information

1.1 Location

Site Name – Martin Whittaker #35
API# – 30-039-23285
Legal Description – NE¼ NE¼, Section 15, T23N, R4W, Rio Arriba County, New Mexico
Well Latitude/Longitude – N36.22905 and W107.23672, respectively
BGT Latitude/Longitude – N36.22905 and W107.23698, respectively
Land Jurisdiction – Jicarilla Apache Nation
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Location Map

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

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

www.animasenvironmental.com

1.2 JANOGA and NMOCD Action Levels

The Martin Whittaker #35 release is located on Jicarilla Apache Nation lands, and soil remediation action levels are determined by the Jicarilla Apache Nation Oil and Gas Administration (JANOGA). Per JANOGA, release action levels for all locations within Jicarilla Apache Nation lands currently follow the strictest closure criteria from NMAC 19.15.29.12 Table I.

Action levels are:

- 10 mg/kg benzene and 50 mg/kg total benzene, toluene, ethylbenzene, and xylene (BTEX);
- 100 mg/kg total petroleum hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO); and
- 600 mg/kg chloride.

1.3 Assessment

While removing soil around the BGT to provide visibility in preparation for eventual well plugging and abandonment, contaminated soil was observed near the base of the BGT. Cottonwood Consulting (Cottonwood) personnel traveled to the location on September 20, 2018, to collect confirmation soil samples of the excavation extents at the former BGT location. Soil sampling consisted of collection of five soil samples (SS01 through SS05) from the walls and base of the excavation.

The area of the final excavation measured approximately 20 feet by 20 feet by 12 feet deep. Approximately 61 yds^3 of visibly contaminated soil were removed during excavation activities and disposed of at Industrial Ecosystems Landfarm (NMOCD Permit #NM-01-0010B) in September and October 2018. Sample locations and final excavation extents are presented on Figure 3. A photograph log and copies of disposal documents (C-138) are attached.

2.0 Soil Sampling

2.1 Laboratory Analyses

The soil samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto sample chain of custody records. Samples were maintained on ice until delivery to the analytical laboratory, Green Analytical Laboratories (GAL) in Durango, Colorado. Soil samples SS01 through SS05 were laboratory analyzed for:

- BTEX per USEPA Method 8021B;
- TPH as GRO/DRO/MRO per USEPA Method 8015; and

- Chloride per USEPA Method 300.0.

2.2 Laboratory Analytical Results

Laboratory analytical results are summarized in Table 1 and on Figure 3. The laboratory analytical report is attached.

Table 1. Soil Laboratory Analytical Results – Benzene, Total BTEX, TPH, and Chloride
Martin Whittaker #35 BGT Closure, Release Assessment and Final Excavation
September 2018

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-MRO (mg/kg)	Chloride (mg/kg)
	*NMOCD Action Level**		*10*	*50*		*100*		*600*
SS01	9/20/18	12	<0.050	<0.300	**<10.0**	**201**	**16.5**	246
SS02	9/20/18	1 to 12	<0.050	<0.300	<10.0	<10.0	<10.0	33.8
SS03	9/20/18	1 to 12	<0.050	<0.300	<10.0	<10.0	<10.0	85.3
SS04	9/20/18	1 to 12	<0.050	<0.300	<10.0	<10.0	<10.0	124
SS05	9/20/18	1 to 12	<0.050	<0.300	<10.0	<10.0	<10.0	34.1

*Action level determined by *NMAC 19.15.29.12 Table I (2018).*

3.0 Conclusions and Recommendations

On September 20, 2018, Cottonwood conducted clearance activities at the excavation area and BGT release area. Laboratory sampling results above the NMOCD action level of 100 mg/kg TPH (as GRO/DRO/MRO) were reported in SS01 (excavation base). The highest TPH concentration was reported in SS01, with a concentration of 218 mg/kg.

Based on the final laboratory analytical results of the excavation of petroleum contaminated soils at the Martin Whittaker #35, benzene, total BTEX, TPH, and chloride concentrations were below the applicable NMOCD action levels for the final sidewalls of the excavation but were above the NMOCD TPH action level for the excavation base. However, JANOGA granted approval to treat the base of the excavation with an oxidizing agent, and on October 24, 2018, 300 gallons of potassium permanganate were applied.

DJR will reclaim the BGT excavation as part of the Bureau of Land Management (BLM) and JANOGA approved remediation plan for the wellbore plug and abandonment. No further work is recommended for the release at the subject site.

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

Sincerely,

David J. Reese
Environmental Scientist

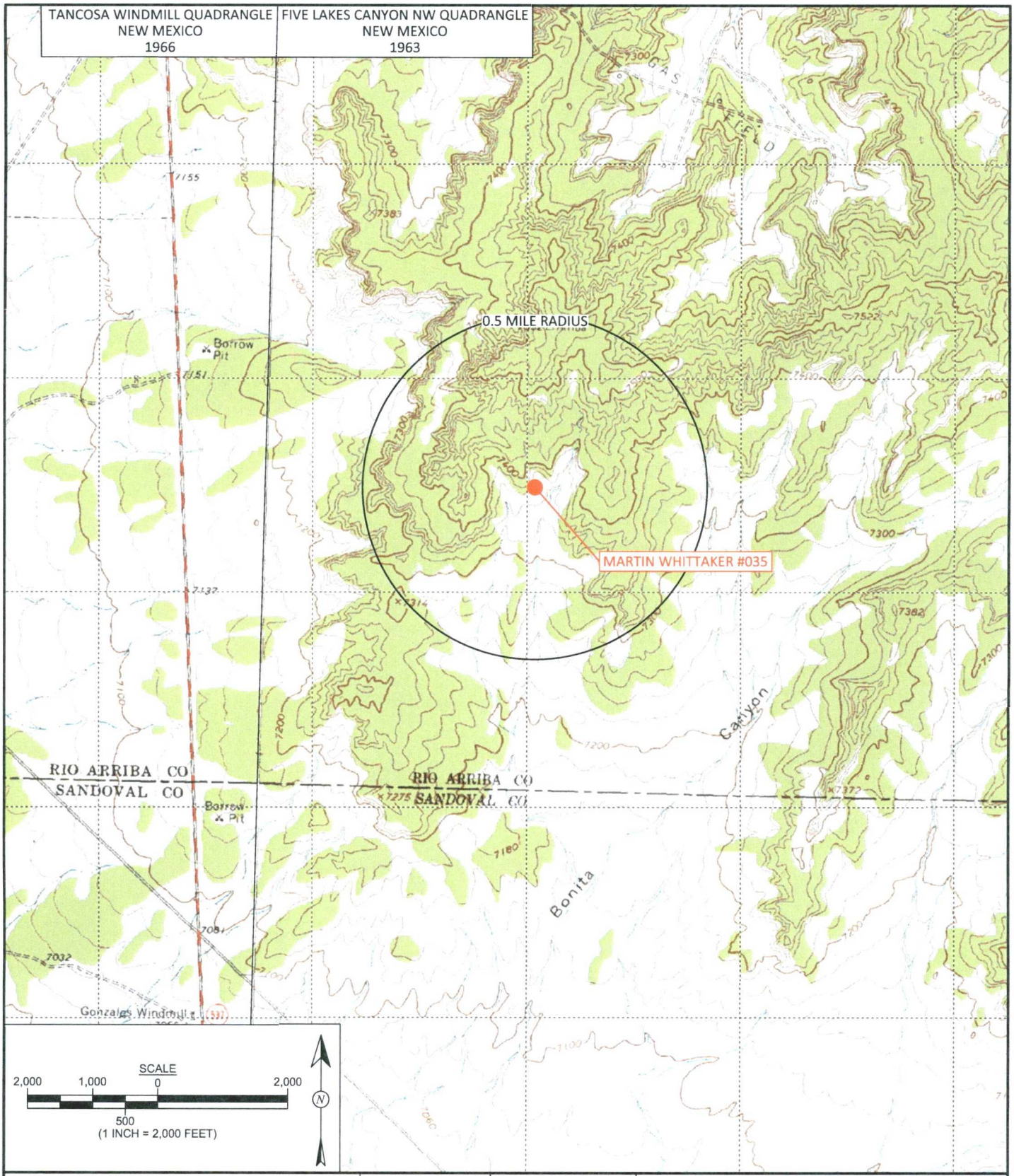
Elizabeth McNally, P.E.

Attachments:

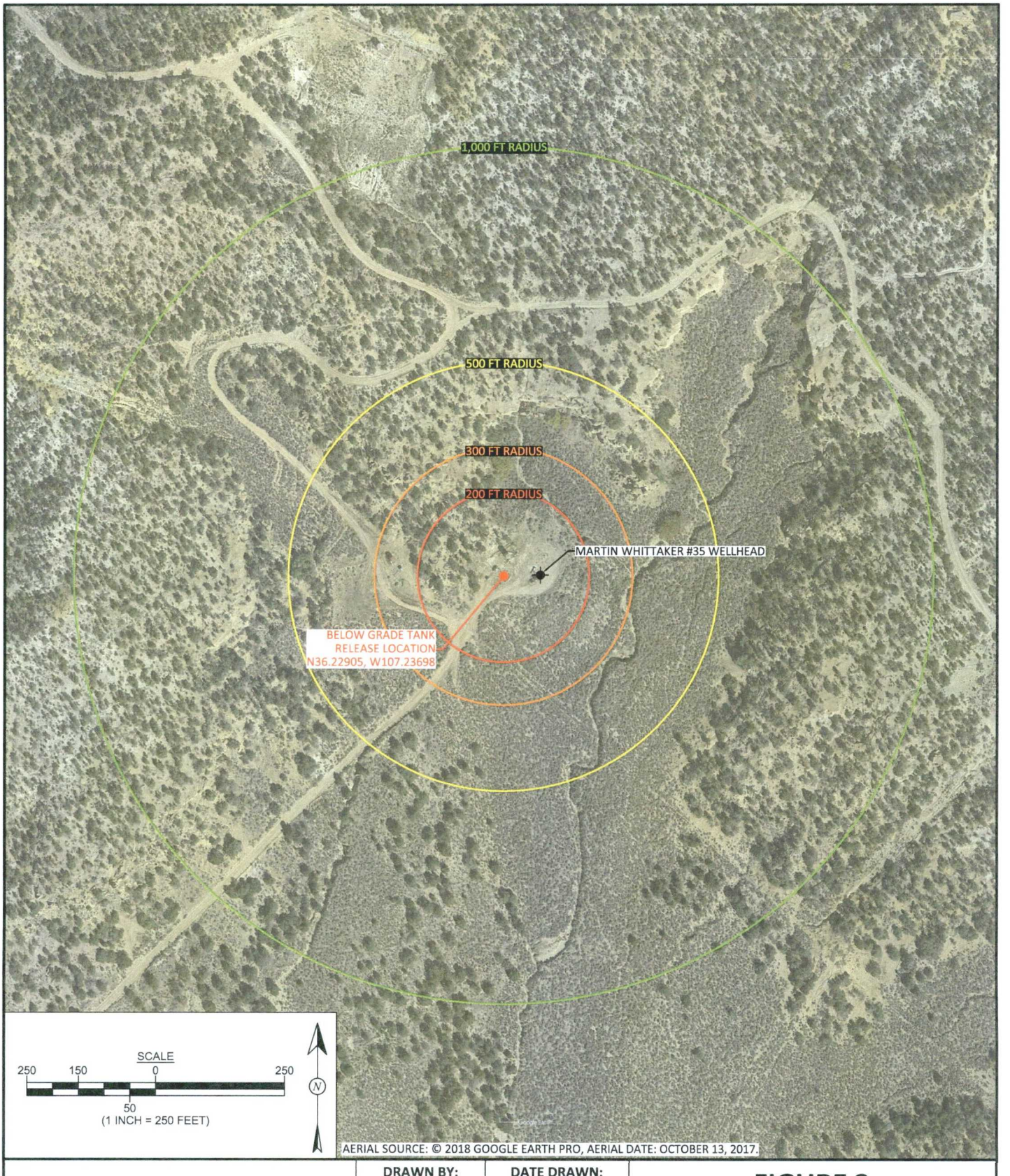
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Location Map
Figure 3. Final Excavation Sample Locations and Results, September 2018
Photograph Log
Industrial Ecosystems C-138s
GAL Laboratory Analytical Report 1809156

Cc: Amy Archuleta
Regulatory Supervisor
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410-9521
Via electronic mail to:
aarchuleta@djrllc.com

R:\Animas 2000\Dropbox (Animas Environmental)\0000 AES Server Client Projects Dropbox\2018 Client Projects\DJ Resources\Martin Whittaker #35\Martin Whittaker #35 BGT Release & Final Excavation Report 111318 Final.docx



animas environmental services Farmington, NM • Durango, CO animasenvironmental.com	**DRAWN BY:** C. Lameman	**DATE DRAWN:** August 30, 2018	**FIGURE 1**
	REVISIONS BY: C. Lameman	**DATE REVISED:** November 9, 2018	**TOPOGRAPHIC SITE LOCATION MAP** DJR OPERATING MARTIN WHITTAKER #035 API:30-039-23285 INCIDENT NO. NCS 1825433658 NE¼ NE¼, SECTION 15, T23N, R4W RIO ARRIBA COUNTY, NEW MEXICO N36.22905, W107.23672
	CHECKED BY: T. Knight	**DATE CHECKED:** November 9, 2018	
	APPROVED BY: E. McNally	**DATE APPROVED:** November 9, 2018	



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animasenvironmental.com

DRAWN BY: C. Lameman	**DATE DRAWN:** November 9, 2018
REVISIONS BY: C. Lameman	**DATE REVISED:** November 9, 2018
CHECKED BY: T. Knight	**DATE CHECKED:** November 9, 2018
APPROVED BY: E. McNally	**DATE APPROVED:** November 9, 2018

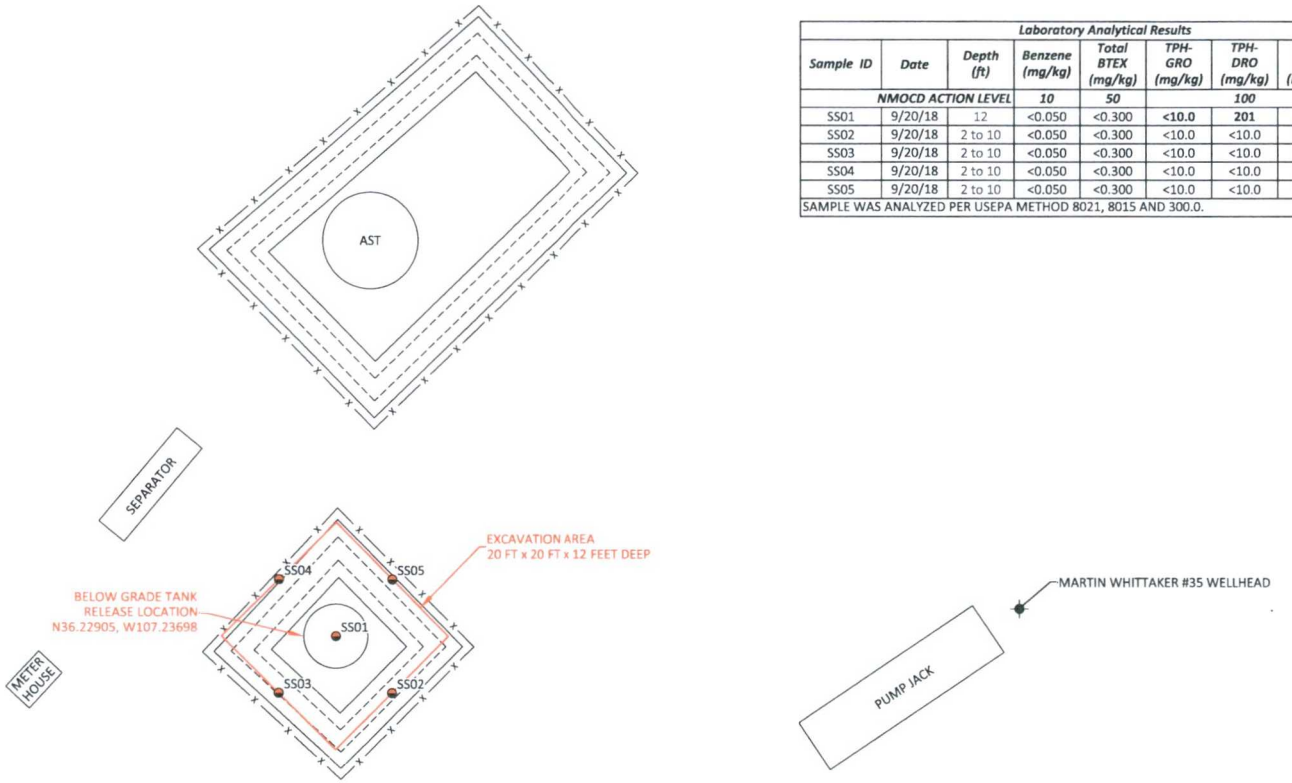
FIGURE 2

AERIAL SITE LOCATION MAP

DJR OPERATING
MARTIN WHITTAKER #035
API:30-039-23285
INCIDENT NO. NCS 1825433658
NE¼ NE¼, SECTION 15, T23N, R4W
RIO ARRIBA COUNTY, NEW MEXICO
N36.22905, W107.23672

FIGURE 3

FINAL EXCAVATION SAMPLE LOCATIONS AND RESULTS
SEPTEMBER 2018
DJR OPERATING
MARTIN WHITTAKER #35
API:30-039-23285
INCIDENT NO. NCS 1825433658
NE¼ NE¼, SECTION 15, T23N, R4W
RIO ARRIBA COUNTY, NEW MEXICO
N36.22905, W107.23672



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			10	50		100		600
SS01	9/20/18	12	<0.050	<0.300	**<10.0**	**201**	**16.5**	246
SS02	9/20/18	2 to 10	<0.050	<0.300	<10.0	<10.0	<10.0	33.8
SS03	9/20/18	2 to 10	<0.050	<0.300	<10.0	<10.0	<10.0	85.3
SS04	9/20/18	2 to 10	<0.050	<0.300	<10.0	<10.0	<10.0	124
SS05	9/20/18	2 to 10	<0.050	<0.300	<10.0	<10.0	<10.0	34.1

SAMPLE WAS ANALYZED PER USEPA METHOD 8021, 8015 AND 300.0.

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

DRAWN BY:	DATE DRAWN:
C. Lameman	November 9, 2018
REVISIONS BY:	**DATE REVISED:**
C. Lameman	November 12, 2018
CHECKED BY:	**DATE CHECKED:**
T. Knight	November 12, 2018
APPROVED BY:	**DATE APPROVED:**
E. McNally	November 12, 2018

LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENT BERM
- —x— FENCE

N

SCALE
15 5 0 15
10
(1 INCH = 15 FEET)

DJR Operating, LLC
Martin Whittaker #35 Below Grade Tank Release and Final Excavation

Photo 1: Sign posted on the site. Photo taken August 29, 2018.

Photo 2: Subject below grade tank with visibly stained soil at the base of the tank pit. Photo taken August 29, 2018.

DJR Operating, LLC
Martin Whittaker #35 Below Grade Tank Release and Final Excavation

Photo 3: Excavation prior to application of potassium permanganate. Photo taken October 24, 2018.

Photo 4: Excavation upon application of potassium permanganate. Photo taken October 24, 2018.

., Hobbs, NM 88240
d Avenue, Artesia, NM 88210
Brazos Road, Aztec, NM 87410
AV
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-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

POTT AA-EV-NMOCD

1. **Generator Name and Address:**
DJR Operating, LLC 1 Road 3263 Aztec, NM 87410

2. **Originating Site:**
Martin Whittaker 35 30-039-23285

3. **Location of Material (Street Address, City, State or ULSTR):**
NENE Sec.15-T23N-R04W Rio Arriba County, NM

4. **Source and Description of Waste:**
Contaminated soil from cleaning around below grade pits containing hydrocarbons and iron sulfites.

Estimated Volume 36 yds yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 25 yd³ / bbls

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, Linda Sikes, representative or authorized agent for DJR Operating, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency* ☒ *Monthly* ☐ *Weekly* ☒ *Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Linda Sikes, representative for DJR Operating, LLC authorize IEI to
Generator Signature
complete the required testing/sign the Generator Waste Testing Certification.

I, _____, representative for _____ do hereby certify that
Representative/Agent Signature
Representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

Transporter Calder Services

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: #: **JFJ Land farm/Industrial Ecosystems, Inc. * Permit #: NM 01-0010B**

Address of Facility: **49 CR 3150 Aztec, NM 87410**

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☑ APPROVED ☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Celia Sanchez TITLE: Clerk DATE: 9/4/18

SIGNATURE: Celia Sanchez TELEPHONE NO.: 505-632-1782
Surface Waste Management Facility Authorized Agent

8/30/18

ach Dr., Hobbs, NM 88240
. Grand Avenue, Artesia, NM 88210
ct III
0 Rio Brazos Road, Aztec, NM 87410
istrict 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-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

POTT AA-EV-NMOCD

1. **Generator Name and Address:**
DJR Operating, LLC **1 Road 3263 Aztec, NM 87410**

2. **Originating Site:**
Martin Whittaker 35 **30-039-23285**

3. **Location of Material (Street Address, City, State or ULSTR):**
NENE Sec.15-T23N-R04W **Rio Arriba County, NM**

4. **Source and Description of Waste:**
Contaminated soil from cleaning around below grade pits containing hydrocarbons and iron sulfites. 9/7/18-24yd

Estimated Volume 36 yds yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 25 yd³ / bbls

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, Linda Sikes, representative or authorized agent for DJR Operating, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency ☒ Monthly ☐ Weekly ☒ Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Linda Sikes, representative for DJR Operating, LLC authorize IEI to
Generator Signature
complete the required testing/sign the Generator Waste Testing Certification.

I, _____, representative for _____ do hereby certify that
Representative/Agent Signature
Representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

Transporter Calder Services

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: #: **JFJ Land farm/Industrial Ecosystems, Inc. * Permit #: NM 01-0010B**

Address of Facility: **49 CR 3150 Aztec, NM 87410**

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☑ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Celia Sanchez TITLE: Clerk DATE: 9/4/18

SIGNATURE: Celia Sanchez TELEPHONE NO.: 505-632-1782
Surface Waste Management Facility Authorized Agent

8/30/18

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
DJR Operating, LLC 1 Road 3263 Aztec, NM 87410

2. Originating Site:
Martin Whittaker 35 30-039-23285

3. Location of Material (Street Address, City, State or ULSTR):
NENE Sec.15-T23N-R04W Rio Arriba County, NM

4. Source and Description of Waste:
Contaminated soil from underneath production tank containing hydrocarbons and iron sulfites.

Estimated Volume 10 yds yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 12 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Cindy Sikes, representative or authorized agent for DJR Operating, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency ☒ Monthly ☐ Weekly ☒ Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261 subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Bo

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Cindy Sikes, representative for DJR Operating, LLC authorize IEI to
Generator Signature
complete the required testing/sign the Generator Waste Testing Certification.

I, Celia S, representative for IEI do hereby certify that
Representative/Agent Signature
Representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

Transporter Calder Services

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: #: **JFJ Land farm/Industrial Ecosystems, Inc. * Permit #: NM 01-0010B**

Address of Facility: **49 CR 3150 Aztec, NM 87410**

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

CL-164
PH-7

Waste Acceptance Status:

☑ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Celia Sanchez TITLE: Clerk DATE: 10/11/18

SIGNATURE: Celia Sanchez TELEPHONE NO.: 505-632-1782
Surface Waste Management Facility Authorized Agent

10/10/18

Green Analytical Laboratories

75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

03 October 2018

Jake Harter
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: BTEX/TPH, Cl

Enclosed are the results of analyses for samples received by the laboratory on 09/20/18 13:32.
If you need any further assistance, please feel free to contact me.

Sincerely,

Debbie Zufelt

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.

Green Analytical Laboratories

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Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
SS01	1809156-01	Solid	09/20/18 09:35	09/20/18 13:32	
SS02	1809156-02	Solid	09/20/18 09:49	09/20/18 13:32	
SS03	1809156-03	Solid	09/20/18 10:00	09/20/18 13:32	
SS04	1809156-04	Solid	09/20/18 10:12	09/20/18 13:32	
SS05	1809156-05	Solid	09/20/18 10:20	09/20/18 13:32	
SS06	1809156-06	Solid	09/20/18 11:00	09/20/18 13:32	

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

SS01

1809156-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**92.6**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**246**	10.8	2.08	mg/kg dry	10	10/02/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/25/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/25/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/25/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*69.8-142*		*09/25/18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	**201**	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	**16.5**	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*83.9 %*	*41-142*		*09/24/18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*91.4 %*	*37.6-147*		*09/24/18*	*8015B*		MS

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

SS02

1809156-02 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**92.3**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**33.8**	10.8	2.09	mg/kg dry	10	10/03/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/25/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/25/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/25/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*69.8-142*		*09/25/18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*90.0 %*	*41-142*		*09/24/18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*83.0 %*	*37.6-147*		*09/24/18*	*8015B*		MS

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

SS03

1809156-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**96.0**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**85.3**	10.4	2.01	mg/kg dry	10	10/03/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/25/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/25/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/25/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*69.8-142*		*09/25/18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*91.9 %*	*41-142*		*09/24/18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*85.2 %*	*37.6-147*		*09/24/18*	*8015B*		MS

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Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

SS04

1809156-04 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**95.1**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**124**	10.5	2.03	mg/kg dry	10	10/03/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/25/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/25/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/25/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*69.8-142*		*09/25/18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*88.7 %*	*41-142*		*09/24/18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*84.1 %*	*37.6-147*		*09/24/18*	*8015B*		MS

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SS05

1809156-05 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**96.2**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**34.1**	10.4	2.01	mg/kg dry	10	10/03/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/25/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/25/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/25/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/25/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*69.8-142*		*09 25 18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*89.0 %*	*41-142*		*09 24 18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*82.8 %*	*37.6-147*		*09 24 18*	*8015B*		MS

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

SS06

1809156-06 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**91.8**			%	1	09/28/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	**180**	10.9	2.10	mg/kg dry	10	10/03/18	EPA300.0		LLG
Subcontracted -- **Cardinal Laboratories**									
Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.002	mg/kg	50	09/26/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	09/26/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	09/26/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	09/26/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	09/26/18	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*69.8-142*		*09/26/18*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	09/24/18	8015B		MS
DRO >C10-C28*	**390**	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
EXT DRO >C28-C36	**176**	10.0	1.56	mg/kg	1	09/24/18	8015B		MS
Surrogate: 1-Chlorooctane			*94.9 %*	*41-142*		*09/24/18*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*105 %*	*37.6-147*		*09/24/18*	*8015B*		MS

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B809202 - General Prep - Wet Chem										
Duplicate (B809202-DUP1)	**Source: 1809157-03**		Prepared: 09/27/18 Analyzed: 09/28/18							
% Dry Solids	89.5		%		89.0			0.530	20	

Soluble (DI Water Extraction) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B810004 - General Prep - Wet Chem										
Blank (B810004-BLK1)			Prepared: 10/01/18 Analyzed: 10/02/18							
Chloride	ND	1.00	mg/kg wet							
LCS (B810004-BS1)			Prepared: 10/01/18 Analyzed: 10/02/18							
Chloride	24.0	1.00	mg/kg wet	25.0		96.2	85-115			
LCS Dup (B810004-BSD1)			Prepared: 10/01/18 Analyzed: 10/02/18							
Chloride	24.5	1.00	mg/kg wet	25.0		98.1	85-115	1.94	20	

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8092406 - Volatiles										
Blank (8092406-BLK1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.104*		mg/kg	*0.100*		*104*	*69.8-142*			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
LCS (8092406-BS1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.102*		mg/kg	*0.100*		*102*	*69.8-142*			
Benzene	1.88	0.050	mg/kg	2.00		94.2	74.5-124			
Ethylbenzene	2.22	0.050	mg/kg	2.00		111	78.6-122			
Toluene	2.04	0.050	mg/kg	2.00		102	78.8-122			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	79.7-123			
LCS Dup (8092406-BSD1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.103*		mg/kg	*0.100*		*103*	*69.8-142*			
Benzene	1.85	0.050	mg/kg	2.00		92.7	74.5-124	1.64	15.2	
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	78.6-122	1.25	15.4	
Toluene	2.03	0.050	mg/kg	2.00		102	78.8-122	0.448	15.1	
Total Xylenes	6.35	0.150	mg/kg	6.00		106	79.7-123	1.16	15.2	
Batch 8092407 - Volatiles										
Blank (8092407-BLK1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.106*		mg/kg	*0.100*		*106*	*69.8-142*			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
LCS (8092407-BS1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.104*		mg/kg	*0.100*		*104*	*69.8-142*			
Benzene	1.82	0.050	mg/kg	2.00		90.8	74.5-124			
Ethylbenzene	2.15	0.050	mg/kg	2.00		107	78.6-122			
Toluene	1.99	0.050	mg/kg	2.00		99.4	78.8-122			
Total Xylenes	6.20	0.150	mg/kg	6.00		103	79.7-123			

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PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

Volatile Organic Compounds by EPA Method 8021 - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8092407 - Volatiles (Continued)										
LCS Dup (8092407-BSD1)			Prepared: 09/24/18 Analyzed: 09/25/18							
Surrogate: 4-Bromofluorobenzene (PID)	*0.106*		mg/kg	*0.100*		*106*	*69.8-142*			
Benzene	1.77	0.050	mg/kg	2.00		88.3	74.5-124	2.77	15.2	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	78.6-122	1.21	15.4	
Toluene	1.94	0.050	mg/kg	2.00		97.0	78.8-122	2.46	15.1	
Total Xylenes	6.14	0.150	mg/kg	6.00		102	79.7-123	0.969	15.2	

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8092305 - General Prep - Organics										
Blank (8092305-BLK1)			Prepared: 09/23/18 Analyzed: 09/24/18							
Surrogate: 1-Chlorooctadecane	*45.3*		mg/kg	*50.0*		*90.7*	*37.6-147*			
Surrogate: 1-Chlorooctane	*47.5*		mg/kg	*50.0*		*95.1*	*41-142*			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
LCS (8092305-BS1)			Prepared: 09/23/18 Analyzed: 09/24/18							
Surrogate: 1-Chlorooctadecane	*47.8*		mg/kg	*50.0*		*95.5*	*37.6-147*			
Surrogate: 1-Chlorooctane	*48.0*		mg/kg	*50.0*		*96.0*	*41-142*			
DRO >C10-C28	187	10.0	mg/kg	200		93.6	72.9-138			
GRO C6-C10	196	10.0	mg/kg	200		97.9	76.5-133			
Total TPH C6-C28	383	10.0	mg/kg	400		95.8	78-132			
LCS Dup (8092305-BSD1)			Prepared: 09/23/18 Analyzed: 09/24/18							
Surrogate: 1-Chlorooctadecane	*46.4*		mg/kg	*50.0*		*92.8*	*37.6-147*			
Surrogate: 1-Chlorooctane	*48.4*		mg/kg	*50.0*		*96.8*	*41-142*			
DRO >C10-C28	182	10.0	mg/kg	200		91.0	72.9-138	2.84	20.6	
GRO C6-C10	198	10.0	mg/kg	200		99.1	76.5-133	1.20	20.6	
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	78-132	0.755	18	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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Green Analytical Laboratories
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www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Martin Whittaker #035	**Reported:**
Durango CO, 81302	Project Manager: Jake Harter	10/03/18 12:07

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Green Analytical Laboratories
(970) 247-4220
Fax: (970) 247-4227
service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Company or Client: Cottonwood Consulting, LLC	Bill to (if different):
Address: PO Box 1653	P.O. #:
City: Durango **State:** CO **Zip:** 81302	Company:
Phone #: 970-946-3761	Attn:
Contact Person: Jacob Harter	Address:
Email Report to: jharter@cottonwoodconsulting.com	City:
Project Name(optional): Martin Whittaker #035	State: Zip:
	Phone #:
Sampler Name (Print): Jacob Harter	Email:

For Lab Use	Sample Name or Location	Collected Date	Collected Time	Matrix: GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	DRINKING WATER	OTHER :	# of containers: No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	ANALYSIS REQUEST: TPH (8015 DRO)	BTEX	Chlorides
1809.156.01	SS01	9/20/18	0935					X			3						X	X	X
-02	SS02	9/20/18	0949					X			3						X	X	X
-03	SS03	9/20/18	1000					X			3						X	X	X
-04	SS04	9/20/18	1012					X			3						X	X	X
-05	SS05	9/20/18	1020					X			3						X	X	X
-06	SS06	9/20/18	1100					X			3						X	X	X

PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion. In no event shall GAL be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: / Time:	Received By:
[signature]	09/20/18 1332	[signature]
Relinquished By:	Date: / Time:	Received By:
Relinquished By:	Date: / Time:	Received By:
Relinquished By:	Date: / Time:	Received By:

ADDITIONAL REMARKS: Report to State? (Circle) Yes (No)

#1 on ice

21.1/20.9 Temperature at receipt: JW CHECKED BY

† GAL cannot always accept verbal changes. Please fax or email written change requests.

* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

Amy Archuleta

From: Hobson Sandoval <hsandoval2012@gmail.com>
Sent: Monday, October 29, 2018 6:33 PM
To: Amy Archuleta
Cc: Jason Sandoval; Paul Lehrman; Richard Baldwin
Subject: Re: Martin Whittaker 35 BGT release - Plug and Abandon Location
Attachments: image001.jpg

Yes, I approve. Tell PAUL that you can use the back fill soil from the borrow pit between MP 7 and MP 8 on State Road 537, on the west side. Let us know how many yards you will need and either Jason Sandoval or I can give you approval to use that soil.

On Thu, Oct 25, 2018 at 10:20 AM Amy Archuleta <aarchuleta@djrllc.com> wrote:

> All:
>
> Envirotech sprayed potassium permanganate yesterday at this location. I have attached the photos for you to view. We are also ready to backfill when we receive approval for the borrow pit. 300 Gallons were applied to the area.
>
> **Jason**, Paul sent you the information on the borrow pit area, can you please verify we have approval to use this soil on the Martin Whittaker 35, please?
>
> Thank you
>
> Amy

Amy Archuleta

Regulatory

Phone: (505) 632-3476 x201

Fax: (505) 632-8151

aarchuleta@djrllc.com

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