

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised August 8, 2011

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

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☒ Final Report

Name of Company Elm Ridge Exploration Co. LLC d.b.a. Beeline Gas Systems	Contact: Primary-Dianna Hamilton 330-2736 Secondary- Alan Lain 486-0260
Address: 2001 E. Blanco Blvd. Bloomfield, NM 87413	Telephone No. 634-1144
Facility Name: South Blanco Federal 22-5 Tank Battery Release	Facility Type: master meter

Surface Owner: BLM	Mineral Owner: BLM	API No.
--------------------	--------------------	---------

**LOCATION OF RELEASE**

Unit Letter	Section 22	Township 24N	Range 8W	Feet from the	North/South Line	Feet from the	East/West Line	County SAN JUAN
-------------	---------------	-----------------	-------------	---------------	------------------	---------------	----------------	--------------------

Latitude N36.29416 Longitude W107.66206

**NATURE OF RELEASE**

Type of Release: Gas and crude oil	Volume of Release: Unknown	Volume Recovered: 0
Source of Release: reducer near valve	Date and Hour of Occurrence	May 5, 2017 Unknown time
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith contacted Amy Archuleta with DJR Operating (upstream)	
By Whom? Cory Smith	Date and Hour 5/5/2017 ~2:00pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\* N/A

Describe Cause of Problem and Remedial Action Taken.\* It appears that the tank was knocked off the stand possibly by cattle. When the tank fell it broke off the 3/4" to 1/4" reducer below the valve, resulted in spraying the surrounding area (estimated 50 yard radius). Well was shut in and repair was made. Broken reducer was replaced with a 3/4" nipple and valve with a plug.

Describe Area Affected and Cleanup Action Taken.\*  
Release took place at the Dugan Master Meter (South Blanco Federal 22-5 Tank Battery). DJR Operating will clean the contaminated area by power wash and removal of contaminated soil followed by raking the area on 5/8/2017. Soil sampling was conducted on 5.19.17. See attached lab results. All levels are well below standard.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Dianna Hamilton</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Dianna Hamilton	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Regulatory Compliance Specialist	Approval Date: 8/24/17	Expiration Date:
E-mail Address: BeelineRegulatory@elmridge.net	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: May 30, 2017 Phone: 505-330-2736		

\* Attach Additional Sheets If Necessary

OIL CONS. DIV DIST. 3

JUN 22 2017

#NCS17236 37053  
3RP-1024

23



June 14, 2017

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

Return Receipt Requested 7015 0640 0005 8540 0458

Subject: South Blanco Federal 22-5 Release

Mr. Cory Smith

DJR Operating (previously Elm Ridge Exploration dba Beeline Gas Systems) is submitting this packet which contains C-141 initial and final reports, lab results and reports, C-138 and pictures taken of the release.

If you have any questions or comments please feel free to contact me at the above number or by email at [dhamilton@djrlc.com](mailto:dhamilton@djrlc.com)

Sincerely,

Dianna Hamilton  
HSE Coordinator

*Attachments:* C-141 Initial  
C-141 Final  
C-138  
Lab analysis report for soil samples  
Full report for release (Animas Environmental)  
Photographs



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### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

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Address: 2001 E. Blanco Blvd. Bloomfield, NM 87413	Telephone No. 634-1144
Facility Name: South Blanco Federal 22-5 Tank Battery Release	Facility Type: master meter

Surface Owner: BLM	Mineral Owner: BLM	API No.
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By Whom? Cory Smith	Date and Hour 5/5/2017 ~2:00pm	
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Describe Area Affected and Cleanup Action Taken.\*

Release took place at the Dugan Master Meter (South Blanco Federal 22-5 Tank Battery). DJR Operating will clean the contaminated area by power wash and removal of contaminated soil followed by raking the area on 5/8/2017. *Sampling to take place week of May 15<sup>th</sup>.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Dianna Hamilton</i>	OIL CONSERVATION DIVISION		
Printed Name: Dianna Hamilton	Approved by Environmental Specialist: _____		
Title: Regulatory Compliance Specialist	Approval Date:	Expiration Date:	
E-mail Address: BeelineRegulatory@elmridge.net	Conditions of Approval:		Attached <input type="checkbox"/>
Date: May 11, 2017	Phone: 505-330-2736		

\* Attach Additional Sheets If Necessary

OIL CONS. DIV DIST. 3

JUN 22 2017



May 31, 2017

Dianna Hamilton  
DJ Resources, LLC  
2001 E. Blanco Blvd  
Bloomfield, New Mexico 87413

OIL CONS. DIV DIST. 3  
JUN 22 2017

*Via electronic mail with delivery confirmation receipt to:  
[dhamilton@djrlc.com](mailto:dhamilton@djrlc.com)*

**RE: Release Assessment Report  
South Blanco Federal 22-5 Tank Battery  
San Juan County, New Mexico**

Dear Ms. Hamilton:

On May 19, 2017, Animas Environmental Services, LLC (AES) completed a release assessment at the DJ Resources South Blanco Federal 22-5 Tank Battery located in San Juan County, New Mexico. The release was associated with a broken valve at a tank, and a mixture of natural gas and oil was sprayed in an approximate 50 yard radius. The release volume was unknown.

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## 1.0 Site Information

### 1.1 Location

Site Name – South Blanco Federal 22-5 Tank Battery

Legal Description – SE¼ SE¼, Section 22, T24N, R8W, San Juan County, New Mexico

Well Latitude/Longitude – N36.29416 and W107.66206, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, May 2017

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

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



## 1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the location was given a ranking score of 20 based on the following factors:

- **Depth to Groundwater:** An NMOCD Below Grade Pit Closure (C-144) form dated January 2008 for the abandoned South Blanco Federal 22-2, located adjacent to the site, reported the groundwater depth to be greater than 100 feet below ground surface (bgs). (0 points)
- **Wellhead Protection Area:** The location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** An unnamed wash which discharges to Blanco Wash is located approximately 160 feet north of the location. (20 points)

## 1.3 Release Assessment

AES was initially contacted by Dianna Hamilton of DJ Resources on May 12, 2017, and on May 19, 2017, Corwin Lameman of AES mobilized to the location to complete the release assessment field work. AES personnel collected one confirmation soil composite sample (SC-1) from the release location. Cory Smith, NMOCD, and Dianna Hamilton, DJ Resources, were present during sample collection.

---

## 2.0 Soil Sampling

### 2.1 Laboratory Analyses

Soil sample SC-1 was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B; and
- Total petroleum hydrocarbons (TPH) as Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Motor Oil Range Organics (MRO) per USEPA Method 8015M/D.

### 2.2 Laboratory Analytical Results

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

Table 1. Soil Laboratory Analytical Results  
DJ Resources Tank Battery Release Assessment, May 2017

Sample ID	Date Sampled	Depth (ft)	Benzene (8021) (mg/kg)	Total BTEX (8021) (mg/kg)	TPH – GRO (8015) (mg/kg)	TPH – DRO (8015) (mg/kg)	TPH – MRO (8015) (mg/kg)
NMOCD Action Level (NMAC 19.15.17.13E)			10*	50*		100*	
SC-1	5/19/17	0.5	<0.023	<0.208	<4.6	<10	<50

\*Action level determined by NMAC 19.15.17.13E

### 3.0 Conclusions and Recommendations

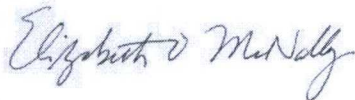
Risk ranked NMOCD action levels are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E, and the site was ranked as 20. Laboratory analytical results for benzene and total BTEX were reported below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. Laboratory analytical results also reported TPH (GRO, DRO, and MRO) concentrations in SC-1 (per USEPA Method 8015) as below applicable NMOCD action levels. Based on laboratory analytical results for benzene, total BTEX, and TPH, no further work is recommended at the DJ Resources South Blanco Federal 22-5 Tank Battery.

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

Sincerely,



David J. Reese  
Environmental Scientist



Elizabeth McNally, P.E.



Attachments:

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, May 2017

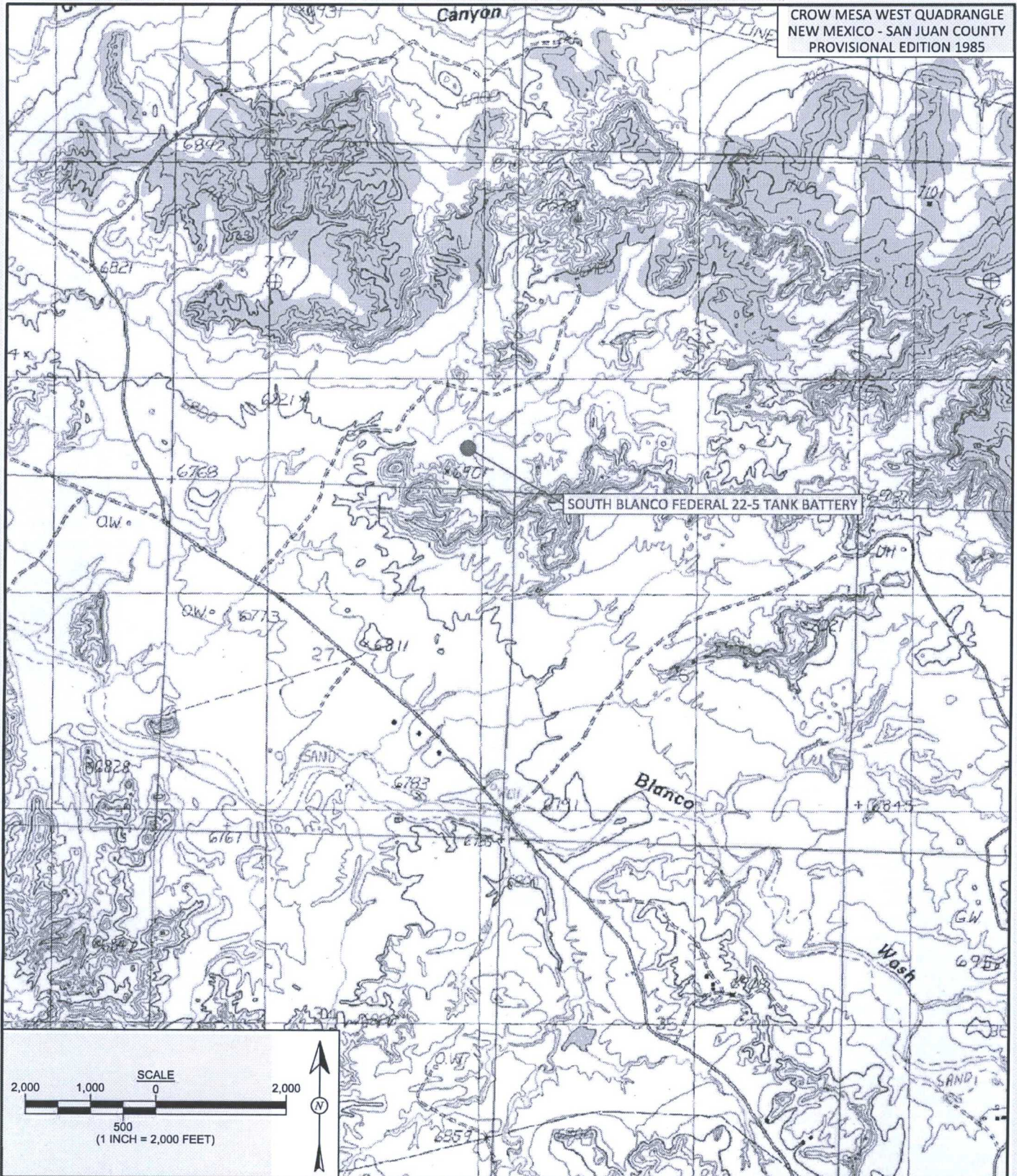
Hall Analytical Report 1705B37

R:\Animas 2000\Dropbox (Animas Environmental)\0000 AES Server Client Projects Dropbox\2017 Client Projects\DJ Resources (Bee Line)\South Blanco Federal 22-5\DJ Resources South Blanco Federal 22-5 Release Assessment Report 053117 DR EM.docx

## Attachments



CROW MESA WEST QUADRANGLE  
NEW MEXICO - SAN JUAN COUNTY  
PROVISIONAL EDITION 1985



**FIGURE 1**



animas  
environmental  
services

Farmington, NM • Durango, CO  
animasenvironmental.com

<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> May 31, 2017
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> May 31, 2017
<b>CHECKED BY:</b> D. Reese	<b>DATE CHECKED:</b> May 31, 2017
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> May 31, 2017

**TOPOGRAPHIC SITE LOCATION MAP**  
DJ RESOURCES (FORMERLY BEE LINE SERVICES)  
SOUTH BLANCO FEDERAL 22-5 TANK BATTERY  
SE¼ SE¼, SECTION 22, T24N, R8W  
SAN JUAN COUNTY, NEW MEXICO  
N36.29416, W107.66206



**FIGURE 2**

**AERIAL SITE MAP  
SAMPLE LOCATIONS AND RESULTS  
MAY 2017**  
DJ RESOURCES (FORMERLY BEE LINE SERVICES)  
SOUTH BLANCO FEDERAL 22-5 TANK BATTERY  
SE¼, SE¼, SECTION 22, T24N, R8W  
SAN JUAN COUNTY, NEW MEXICO  
N36.29416, W107.66206

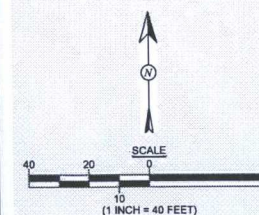


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environmental  
services**  
Farmington, NM • Durango, CO  
animasenvironmental.com

<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> May 31, 2017
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> May 31, 2017
<b>CHECKED BY:</b> D. Reese	<b>DATE CHECKED:</b> May 31, 2017
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> May 31, 2017

**LEGEND**

- SAMPLE LOCATIONS



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)
NMOCD ACTION LEVEL			10	50	1,000		
SC-1	5/19/17	0.25	<0.023	<0.208	<4.6	<10	<50

SC-1 WAS A COMPOSITE SAMPLE. SC-1 WAS ANALYZED PER USEPA METHOD 8021B AND 8015D.







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

May 24, 2017

Elizabeth McNally  
Animas Environmental Services  
604 Pinon Street  
Farmington, NM 87401  
TEL: (505) 564-2281  
FAX (505) 324-2022

RE: DJ Resources S Blanco Federal 22-5 Tank Battery

OrderNo.: 1705B37

Dear Elizabeth McNally:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1705B37

Date Reported: 5/24/2017

**CLIENT:** Animas Environmental Services

**Client Sample ID:** SC-1

**Project:** DJ Resources S Blanco Federal 22-5 Tan

**Collection Date:** 5/19/2017 10:51:00 AM

**Lab ID:** 1705B37-001

**Matrix:** SOIL

**Received Date:** 5/20/2017 11:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/23/2017 5:29:04 PM	31890
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/23/2017 5:29:04 PM	31890
Surr: DNOP	89.6	70-130		%Rec	1	5/23/2017 5:29:04 PM	31890
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/23/2017 1:55:39 PM	31878
Surr: BFB	101	54-150		%Rec	1	5/23/2017 1:55:39 PM	31878
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	5/23/2017 1:55:39 PM	31878
Toluene	ND	0.046		mg/Kg	1	5/23/2017 1:55:39 PM	31878
Ethylbenzene	ND	0.046		mg/Kg	1	5/23/2017 1:55:39 PM	31878
Xylenes, Total	ND	0.093		mg/Kg	1	5/23/2017 1:55:39 PM	31878
Surr: 4-Bromofluorobenzene	120	66.6-132		%Rec	1	5/23/2017 1:55:39 PM	31878

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

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



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705B37

24-May-17

Client: Animas Environmental Services

Project: DJ Resources S Blanco Federal 22-5 Tank Batte

Sample ID	LCS-31890		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 31890		RunNo: 42984					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1352959		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.0	73.2	114			
Surr: DNOP	4.3		5.000		86.8	70	130			

Sample ID	MB-31890	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	31890		RunNo:	42984				
Prep Date:	5/22/2017	Analysis Date:	5/23/2017		SeqNo:	1352960		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		84.1	70	130			

## Qualifiers:

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1705B37

24-May-17

**Client:** Animas Environmental Services  
**Project:** DJ Resources S Blanco Federal 22-5 Tank Batte

Sample ID	MB-31878		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	PBS		Batch ID:	31878		RunNo:	42996				
Prep Date:	5/22/2017		Analysis Date:	5/23/2017		SeqNo:	1353382		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	950		1000		95.4	54	150				

Sample ID	LCS-31878		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 31878		RunNo: 42996					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1353383		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.9	76.4	125			
Surr: BFB	1000		1000		99.8	54	150			

Sample ID	MB-31873		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 31873		RunNo: 42996					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1353389		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		95.8	54	150			

Sample ID	LCS-31873		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 31873		RunNo: 42996					
Prep Date:	5/22/2017		Analysis Date: 5/23/2017		SeqNo: 1353390		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		110	54	150			

### Qualifiers:

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



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1705B37

24-May-17

**Client:** Animas Environmental Services  
**Project:** DJ Resources S Blanco Federal 22-5 Tank Batte

Sample ID	<b>MB-31878</b>		SampType:	<b>MBLK</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>PBS</b>		Batch ID:	<b>31878</b>		RunNo:	<b>42996</b>			
Prep Date:	<b>5/22/2017</b>		Analysis Date:	<b>5/23/2017</b>		SeqNo:	<b>1353418</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		113	66.6	132			

Sample ID	<b>LCS-31878</b>		SampType:	<b>LCS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>LCSS</b>		Batch ID:	<b>31878</b>		RunNo:	<b>42996</b>			
Prep Date:	<b>5/22/2017</b>		Analysis Date:	<b>5/23/2017</b>		SeqNo:	<b>1353419</b>		Units: <b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	66.6	132			

Sample ID	<b>MB-31873</b>		SampType:	<b>MBLK</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>PBS</b>		Batch ID:	<b>31873</b>		RunNo:	<b>42996</b>			
Prep Date:	<b>5/22/2017</b>		Analysis Date:	<b>5/23/2017</b>		SeqNo:	<b>1353425</b>		Units: <b>%Rec</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		114	66.6	132			

Sample ID	<b>LCS-31873</b>		SampType:	<b>LCS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>LCSS</b>		Batch ID:	<b>31873</b>		RunNo:	<b>42996</b>			
Prep Date:	<b>5/22/2017</b>		Analysis Date:	<b>5/23/2017</b>		SeqNo:	<b>1353426</b>		Units: <b>%Rec</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		115	66.6	132			

### Qualifiers:

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



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

## Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1705B37

RcptNo: 1

Received By: Anne Thorne 5/20/2017 11:15:00 AM

Completed By: Anne Thorne 5/22/2017 9:53:05 AM

Reviewed By: SRE 05/22/17

*Anne Thorne*  
*Anne Thorne*

### Chain of Custody

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

### Log In

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

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
By Whom: \_\_\_\_\_ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding: \_\_\_\_\_  
Client Instructions: \_\_\_\_\_

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Yes			



<b>Chain-of-Custody Record</b>		Turn-Around Time:
Client:	Animas Environmental Services, LLC	XX Standard
Mailing Address:	604 W Pinon St. Farmington, NM 87401	Project Name: DJ Resources South Blanco Federal 22-5 Tank Battery
Phone #: 505-564-2281		Project #:
Email or Fax#: emcnally@animasenvironmental.co		Project Manager: Elizabeth McNally
QA/QC Package: X Standard	<input type="checkbox"/> Level 4 (Full Validation)	
Accreditation: <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD (Type) _____		Sampler: CL On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Temperature: 2.4

Sample Temperature: 2.4

☐ EDD (Type)[illegible]

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

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-138  
Revised August 1, 2011

\*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~~, 2001 E. Blanco Blvd, PO Box 1280 Bloomfield NM 87413

*Elm Ridge Exploration dba Beeline Gas Systems*

**2. Originating Site:**

South Blanco Federal 22-5

**3. Location of Material (Street Address, City, State or ULSTR):**

Section 22 T24N R8W

**4. Source and Description of Waste:**

Hydrocarbon impacted soil from the release of produced water and crude oil mixture due to damaged reducer, resulting in spray pattern.

Estimated Volume 2 yd<sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul) \_\_\_\_\_ yd<sup>3</sup> / bbls

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

I, *Dianna Hamilton*, *D. Hamilton*, representative or authorized agent for DJR Operating, LLC do hereby

**PRINT & SIGN NAME**

**COMPANY NAME**

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, *Dianna Hamilton*, representative for DJR Operating authorize Envirotech to

**Generator Signature**

complete the required testing/sign the Generator Waste Testing Certification.

I, \_\_\_\_\_, representative for \_\_\_\_\_ do hereby certify that 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.

**5. Transporter: DJR operating**

**OCD Permitted Surface Waste Management Facility**

Name and Facility Permit #: Envirotech Permit # NM-01-0011

Address of Facility: #43 Road 7175 South of Bloomfield NM 87413

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: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ TELEPHONE NO.: \_\_\_\_\_

Surface Waste Management Facility Authorized Agent



