

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised April 3, 2017

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company: DJR Operating, LLC	Contact: Amy Archuleta	
Address: PO BOX 156 Bloomfield, NM 87413	Telephone No.: 505-632-3476 x201	
Facility Name: Marcus A 15	Facility Type: Well Site	
Surface Owner: BLM	Mineral Owner: N/A	API No.: 30-039-24065

LOCATION OF RELEASE

Unit Letter D	Section 01	Township 23N	Range 07W	Feet from the 800'	North/South Line North	Feet from the 880'	East/West Line West	County Rio Arriba
-------------------------	----------------------	------------------------	---------------------	------------------------------	----------------------------------	------------------------------	-------------------------------	-----------------------------

Latitude 36.258919 Longitude -107.533752 NAD83

NATURE OF RELEASE

Type of Release BGT Closure produced water	Volume of Release Unknown	Volume Recovered N/A
Source of Release BGT	Date and Hour of Occurrence N/A	Date and Hour of Discovery N/A
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

This BGT was closed and tested. The results are attached. No further action is needed.

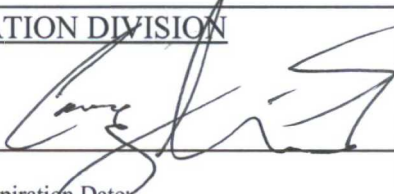
Describe Area Affected and Cleanup Action Taken.*

NMOCD

MAR 12 2018

DISTRICT III

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: 	OIL CONSERVATION DIVISION	
Printed Name: Amy Archuleta	Approved by Environmental Specialist: 	
Title: Regulatory Supervisor	Approval Date: 3/26/18	Expiration Date:
E-mail Address: aarchuleta@djrlc.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 03-09-18 Phone: 505-632-3476 x201		

* Attach Additional Sheets If Necessary

#NCS 1808531600

12

R/Sloped / Lease Road

Chlorides:
Soluble (D) Water Extraction)
Chloride 188 10.8 1.54 mg/kg dry 10/02/15/18 EPA300.0 JDA

BTEX:

Volatile Organic Compounds by EPA Method 8021

Benzene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Toluene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Ethylbenzene* <0.050 0.050 0.004 mg/kg 50/02/13/18 80218 MS
Total Naphthalene* <0.150 0.150 0.010 mg/kg 50/02/13/18 80218 MS
Total BTEX <0.300 0.300 0.018 mg/kg 50/02/13/18 80218 MS

TPH:

Petroleum Hydrocarbons by GC FID
GRO C6-C10* <10.0 10.0 3.53 mg/kg 1/02/14/18 80158 MS
GRO C10-C20* 128 10.0 2.04 mg/kg 1/02/14/18 80158 MS
EXT GRO C20-C26 18.0 10.0 2.04 mg/kg 1/02/14/18 80158 MS

Center = Middle

Chlorides:
Soluble (D) Water Extraction)
Chloride 418 10.4 1.50 mg/kg dry 10/02/15/18 EPA300.0 JDA

BTEX:

Volatile Organic Compounds by EPA Method 8021

Benzene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Toluene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Ethylbenzene* <0.050 0.050 0.004 mg/kg 50/02/13/18 80218 MS
Total Naphthalene* <0.150 0.150 0.010 mg/kg 50/02/13/18 80218 MS
Total BTEX <0.300 0.300 0.018 mg/kg 50/02/13/18 80218 MS

TPH:

Petroleum Hydrocarbons by GC FID
GRO C6-C10* <10.0 10.0 3.53 mg/kg 1/02/14/18 80158 MS
GRO C10-C20* 111 10.0 2.04 mg/kg 1/02/14/18 80158 MS
EXT GRO C20-C26 16.7 10.0 2.04 mg/kg 1/02/14/18 80158 MS

T/Wall Tank side/ Wellhead side

Chlorides:
Soluble (D) Water Extraction)
Chloride 187 11.2 1.61 mg/kg dry 10/02/15/18 EPA300.0 JDA

BTEX:

Volatile Organic Compounds by EPA Method 8021

Benzene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Toluene* <0.050 0.050 0.002 mg/kg 50/02/13/18 80218 MS
Ethylbenzene* <0.050 0.050 0.004 mg/kg 50/02/13/18 80218 MS
Total Naphthalene* <0.150 0.150 0.010 mg/kg 50/02/13/18 80218 MS
Total BTEX <0.300 0.300 0.018 mg/kg 50/02/13/18 80218 MS

TPH:

Petroleum Hydrocarbons by GC FID
GRO C6-C10* <10.0 10.0 3.53 mg/kg 1/02/14/18 80158 MS
GRO C10-C20* 89.2 10.0 2.04 mg/kg 1/02/14/18 80158 MS
EXT GRO C20-C26 <10.0 10.0 2.04 mg/kg 1/02/14/18 80158 MS

02/08/2018 11:27



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

15 February 2018

Amy Archuleta
DJR Operating
#20 CR 5060
Bloomfield, NM 87413
RE: BTEX,TPH, CI

Enclosed are the results of analyses for samples received by the laboratory on 02/08/18 13:05.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads '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.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, Cl
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Marcus A-15 #1 R/S	1802084-01	Solid	02/08/18 10:00	02/08/18 13:05
Marcus A-15 #2 Center	1802084-02	Solid	02/08/18 10:00	02/08/18 13:05
Marcus A-15 #3 Tank/WH	1802084-03	Solid	02/08/18 10:00	02/08/18 13:05

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, CI
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

Marcus A-15 #1 R/S

1802084-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

% Dry Solids	92.9			%	1	02/15/18	EPA160.3/1684		LLG
--------------	------	--	--	---	---	----------	---------------	--	-----

Soluble (DI Water Extraction)

Chloride	186	10.8	1.54	mg/kg dry	10	02/15/18	EPA300.0		JDA
----------	-----	------	------	-----------	----	----------	----------	--	-----

Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	02/13/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	02/13/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	02/13/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	72-148				02/13/18	8021B		MS
---------------------------------------	-------	--------	--	--	--	----------	-------	--	----

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	02/14/18	8015B		MS
DRO >C10-C28*	124	10.0	2.04	mg/kg	1	02/14/18	8015B		MS
EXT DRO >C28-C36	13.9	10.0	2.04	mg/kg	1	02/14/18	8015B		MS

Surrogate: 1-Chlorooctane	94.2 %	41-142				02/14/18	8015B		MS
---------------------------	--------	--------	--	--	--	----------	-------	--	----

Surrogate: 1-Chlorooctadecane	104 %	37.6-147				02/14/18	8015B		MS
-------------------------------	-------	----------	--	--	--	----------	-------	--	----

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, Cl
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

Marcus A-15 #2 Center

1802084-02 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

% Dry Solids	95.8			%	1	02/15/18	EPA160.3/1684		LLG
--------------	------	--	--	---	---	----------	---------------	--	-----

Soluble (DI Water Extraction)

Chloride	415	10.4	1.50	mg/kg dry	10	02/15/18	EPA300.0		JDA
----------	-----	------	------	-----------	----	----------	----------	--	-----

Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	02/13/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	02/13/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	02/13/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	72-148			02/13/18	8021B		MS
---------------------------------------	-------	--------	--	--	----------	-------	--	----

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	02/14/18	8015B		MS
DRO >C10-C28*	211	10.0	2.04	mg/kg	1	02/14/18	8015B		MS
EXT DRO >C28-C36	35.7	10.0	2.04	mg/kg	1	02/14/18	8015B		MS

Surrogate: 1-Chlorooctane	95.3 %	41-142			02/14/18	8015B		MS
---------------------------	--------	--------	--	--	----------	-------	--	----

Surrogate: 1-Chlorooctadecane	105 %	37.6-147			02/14/18	8015B		MS
-------------------------------	-------	----------	--	--	----------	-------	--	----

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, Cl
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

Marcus A-15 #3 Tank/WH

1802084-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

% Dry Solids	89.2			%	1	02/15/18	EPA160.3/1684		LLG
--------------	------	--	--	---	---	----------	---------------	--	-----

Soluble (DI Water Extraction)

Chloride	167	11.2	1.61	mg/kg dry	10	02/15/18	EPA300.0		JDA
----------	-----	------	------	-----------	----	----------	----------	--	-----

Subcontracted – Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	02/13/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	02/13/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	02/13/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	02/13/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	72-148				02/13/18	8021B		MS
---------------------------------------	-------	--------	--	--	--	----------	-------	--	----

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	02/14/18	8015B		MS
DRO >C10-C28*	37.2	10.0	2.04	mg/kg	1	02/14/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.04	mg/kg	1	02/14/18	8015B		MS

Surrogate: 1-Chlorooctane	93.3 %	41-142				02/14/18	8015B		MS
---------------------------	--------	--------	--	--	--	----------	-------	--	----

Surrogate: 1-Chlorooctadecane	99.0 %	37.6-147				02/14/18	8015B		MS
-------------------------------	--------	----------	--	--	--	----------	-------	--	----

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, CI
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

General Chemistry - Quality Control

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

Batch B802093 - General Prep - Wet Chem

Duplicate (B802093-DUP1) Source: 1802027-01 Prepared: 02/13/18 Analyzed: 02/15/18

% Dry Solids	91.2		%		91.6			0.384	20	
--------------	------	--	---	--	------	--	--	-------	----	--

Soluble (DI Water Extraction) - Quality Control

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

Batch B802095 - General Prep - Wet Chem

Blank (B802095-BLK1) Prepared: 02/13/18 Analyzed: 02/15/18

Chloride	ND	1.00	mg/kg wet							
----------	----	------	-----------	--	--	--	--	--	--	--

LCS (B802095-BS1) Prepared: 02/13/18 Analyzed: 02/15/18

Chloride	241	10.0	mg/kg wet	250		96.4	85-115			
----------	-----	------	-----------	-----	--	------	--------	--	--	--

LCS Dup (B802095-BSD1) Prepared: 02/13/18 Analyzed: 02/15/18

Chloride	240	10.0	mg/kg wet	250		96.1	85-115	0.274	20	
----------	-----	------	-----------	-----	--	------	--------	-------	----	--

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH,CI
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

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 8021307 - Volatiles

Blank (8021307-BLK1)

Prepared & Analyzed: 02/13/18

Surrogate: 4-Bromofluorobenzene (PID)	0.106		mg/kg	0.100		106	72-148			
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 (8021307-BS1)

Prepared & Analyzed: 02/13/18

Surrogate: 4-Bromofluorobenzene (PID)	0.104		mg/kg	0.100		104	72-148			
Benzene	2.11	0.050	mg/kg	2.00		105	79.5-124			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	77.7-125			
Toluene	2.05	0.050	mg/kg	2.00		103	75.5-127			
Total Xylenes	6.09	0.150	mg/kg	6.00		101	70.9-124			

LCS Dup (8021307-BSD1)

Prepared & Analyzed: 02/13/18

Surrogate: 4-Bromofluorobenzene (PID)	0.103		mg/kg	0.100		103	72-148			
Benzene	1.84	0.050	mg/kg	2.00		92.0	79.5-124	13.5	6.5	QR-02
Ethylbenzene	1.78	0.050	mg/kg	2.00		89.2	77.7-125	11.8	7.83	QR-02
Toluene	1.81	0.050	mg/kg	2.00		90.7	75.5-127	12.3	7.02	QR-02
Total Xylenes	5.40	0.150	mg/kg	6.00		90.0	70.9-124	12.0	7.78	QR-02

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating
#20 CR 5060
Bloomfield NM, 87413

Project: BTEX,TPH, CI
Project Name / Number: [none]
Project Manager: Amy Archuleta

Reported:
02/15/18 16:30

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8021302 - General Prep - Organics										
Blank (8021302-BLK1)										
Prepared & Analyzed: 02/13/18										
Surrogate: 1-Chlorooctadecane	52.5		mg/kg	50.0		105	37.6-147			
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	41-142			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	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 (8021302-BS1)										
Prepared & Analyzed: 02/13/18										
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.5	37.6-147			
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.8	41-142			
DRO >C10-C28	215	10.0	mg/kg	200		108	72.9-138			
GRO C6-C10	212	10.0	mg/kg	200		106	76.5-133			
Total TPH C6-C28	427	10.0	mg/kg	400		107	78-132			
LCS Dup (8021302-BSD1)										
Prepared & Analyzed: 02/13/18										
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.2	37.6-147			
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.6	41-142			
DRO >C10-C28	210	10.0	mg/kg	200		105	72.9-138	2.66	20.6	
GRO C6-C10	208	10.0	mg/kg	200		104	76.5-133	1.83	20.6	
Total TPH C6-C28	418	10.0	mg/kg	400		104	78-132	2.25	18	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

DJR Operating

#20 CR 5060

Bloomfield NM, 87413

Project: BTEX,TPH, CI

Project Name / Number: [none]

Project Manager: Amy Archuleta

Reported:

02/15/18 16:30

Notes and Definitions

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(970) 247-4220
Fax: (970) 247-4227

service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Page 10 of 10

Company or Client: <u>DSE operating</u>				Bill to (if different):				ANALYSIS REQUEST																										
Address: <u>PO Box 156</u>				P.O. #:																														
City: <u>Bloomfield</u> State: <u>NM</u> Zip: <u>87413</u>				Company:																														
Phone #: <u>505-320-6917</u>				Attn:																														
Contact Person: <u>Amy Archuleta</u>				Address:																														
Email Report to: <u>aarchuleta@dslc.com</u>				City:																														
Project Name(optional):				State:																														
				Zip:																														
				Phone #:																														
Sampler Name (Print): <u>Amy Archuleta</u>				Email:																														
For Lab Use	Sample Name or Location	Collected		Matrix (check one)							# of containers																							
		Date	Time	GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	DRINKING WATER	OTHER :	No preservation (general)	HNO ₃	HCl	H ₂ SO ₄	Other:	Other:																		
<u>1802-084-01</u>	<u>Marcus A-15 #1 R/S</u>	<u>2/8/18</u>	<u>10:00am</u>					<u>X</u>										<u>X</u>	<u>X</u>	<u>X</u>														
<u>-02</u>	<u>Marcus A-15 #2 Center</u>	<u>2/8/18</u>	<u>10:00am</u>					<u>X</u>										<u>X</u>	<u>X</u>	<u>X</u>														
<u>-03</u>	<u>Marcus A-15 #3 Tank/WIT</u>	<u>2/8/18</u>	<u>10:00am</u>					<u>X</u>										<u>X</u>	<u>X</u>	<u>X</u>														

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 consequential 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: <u>[Signature]</u>	Date: <u>2/8/18</u> Time: <u>1305</u>	Received By: <u>Christen Clau</u>	ADDITIONAL REMARKS:		Report to State? (Circle) Yes No	
Relinquished By: <u>Christen Clau</u>	Date: <u>2/8/18</u> Time: <u>1655</u>	Received By: <u>Kangaroo Express</u>	<u>2.3/2.1°C CC</u>		<u>Add Rush Due 2/15/18 By Per Amy A.</u>	
Relinquished By: <u>Kangaroo</u>	Date: <u>2-9-18</u> Time: <u>0845</u>	Received By: <u>Dulini Zufelt</u>	<u>11.4°C</u>		<u>CC</u>	
Relinquished By:	Date:	Received By:	Temperature at receipt:		CHECKED BY:	

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.