

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
ELECTRONIC REPORTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018AUG 16 2018
SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14206041949
2. Name of Operator BIYA OPERATORS INC		6. If Indian, Allottee or Tribe Name UTE MOUNTAIN UTE
Contact: JUBAL S TERRY E-Mail: Jterry@diversifiedresourcesinc.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 801 W. MINERAL AVE. STE 202 LITTLETON, CO 80120	3b. Phone No. (include area code) Ph: 303-797-5417 Ext: 232 Fx: 303-797-5418	8. Well Name and No. UTE 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T31N R16W SWSW 690FSL 820FWL 36.881111 N Lat, 108.499965 W Lon		9. API Well No. 30-045-10448-00-S1
		10. Field and Pool or Exploratory Area HORSESHOE GALLUP
		11. County or Parish, State SAN JUAN COUNTY, NM

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

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

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

BIYA Operators, Inc. respectfully submits the results from the Ute #1 tank battery site sampling activities. These samples were taken July 30, 2018.

SEE ATTACHED
CONDITIONS OF APPROVAL

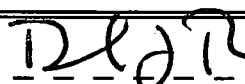
NMOCD

OCT 04 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #431569 verified by the BLM Well Information System For BIYA OPERATORS INC, sent to the Durango Committed to AFMSS for processing by ASHLEY HITCHELL on 08/16/2018 (18ACH0364SE)	
Name (Printed/Typed) JUBAL S TERRY	Title V.P. EXPLORATION
Signature (Electronic Submission)	Date 08/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title msc	Date 10/2/2018
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOCD

Revisions to Operator-Submitted EC Data for Sundry Notice #431569

Operator Submitted

Sundry Type: RECL
NOI

Lease: 14206041949

Agreement:

Operator: BIYA OPERATORS, INC.
801 W. MINERAL AVE. SUITE 202
LITTLETON, CO 80120
Ph: 303-797-5417

Admin Contact: JUBAL S TERRY
V.P. EXPLORATION
E-Mail: Jterry@diversifiedresourcesinc.com

Ph: 303-797-5417 Ext: 232
Fx: 303-797-5418

Tech Contact: JUBAL S TERRY
V.P. EXPLORATION
E-Mail: Jterry@diversifiedresourcesinc.com

Ph: 303-797-5417 Ext: 232
Fx: 303-797-5418

Location:
State: NM
County: SAN JUAN

Field/Pool: HORSESHOE GALLUP

Well/Facility: UTE 1
Sec 23 T31N R16W Mer NMP SWSW 690FSL 820FWL
36.881111 N Lat, 108.499965 W Lon

BLM Revised (AFMSS)

RECL
NOI

14206041949

BIYA OPERATORS INC
801 W. MINERAL AVE. STE 202
LITTLETON, CO 80120
Ph: 303-797-5417
Fx: 303-797-5418

JUBAL S TERRY
V.P. EXPLORATION
E-Mail: Jterry@diversifiedresourcesinc.com

Ph: 303-797-5417 Ext: 232
Fx: 303-797-5418

JUBAL S TERRY
V.P. EXPLORATION
E-Mail: Jterry@diversifiedresourcesinc.com

Ph: 303-797-5417 Ext: 232
Fx: 303-797-5418

NM
SAN JUAN

HORSESHOE GALLUP

UTE 1
Sec 23 T31N R16W SWSW 690FSL 820FWL
36.881111 N Lat, 108.499965 W Lon



August 14, 2018

SMA #5127323

Mr. Ryan Laird
BIYA Operators Inc.
Project Manager
801 W. Mineral Ste. 202
Littleton, CO 80120

RE: SAMPLING ACTIVITIES AT THE UTE #1 TANK BATTERY

Dear Mr. Laird:

Souder, Miller & Associates (SMA) is pleased to provide you with a summary from the July 30, 2018 site visit and soil sampling at the Ute #1 Tank Battery, located in Section 23, T31N, R16W, San Juan County, New Mexico.

On July 30, 2018 SMA collected five (5) discreet samples from the north wall of the current excavation. Samples were submitted for laboratory analysis to Green Analytical Laboratories located in Durango, Colorado. The samples were analyzed for USEPA Methods 8015B (GRO, DRO, and MRO), 8021 (BTEX), and 300.0 (chlorides).

Figure 1 shows the current extents of the excavation, and the location of the wall sampled. Figure 2 demonstrates the location of each sample collected relative to a photo of the area, and a table summarizing the results. The laboratory report is also attached.

If there are any questions regarding the site activities or results, please contact myself or Shawna Chubbuck at 505-325-7535.

Sincerely,
Souder, Miller & Associates

Ashley Maxwell
Staff Scientist

Shawna Chubbuck
Senior Scientist

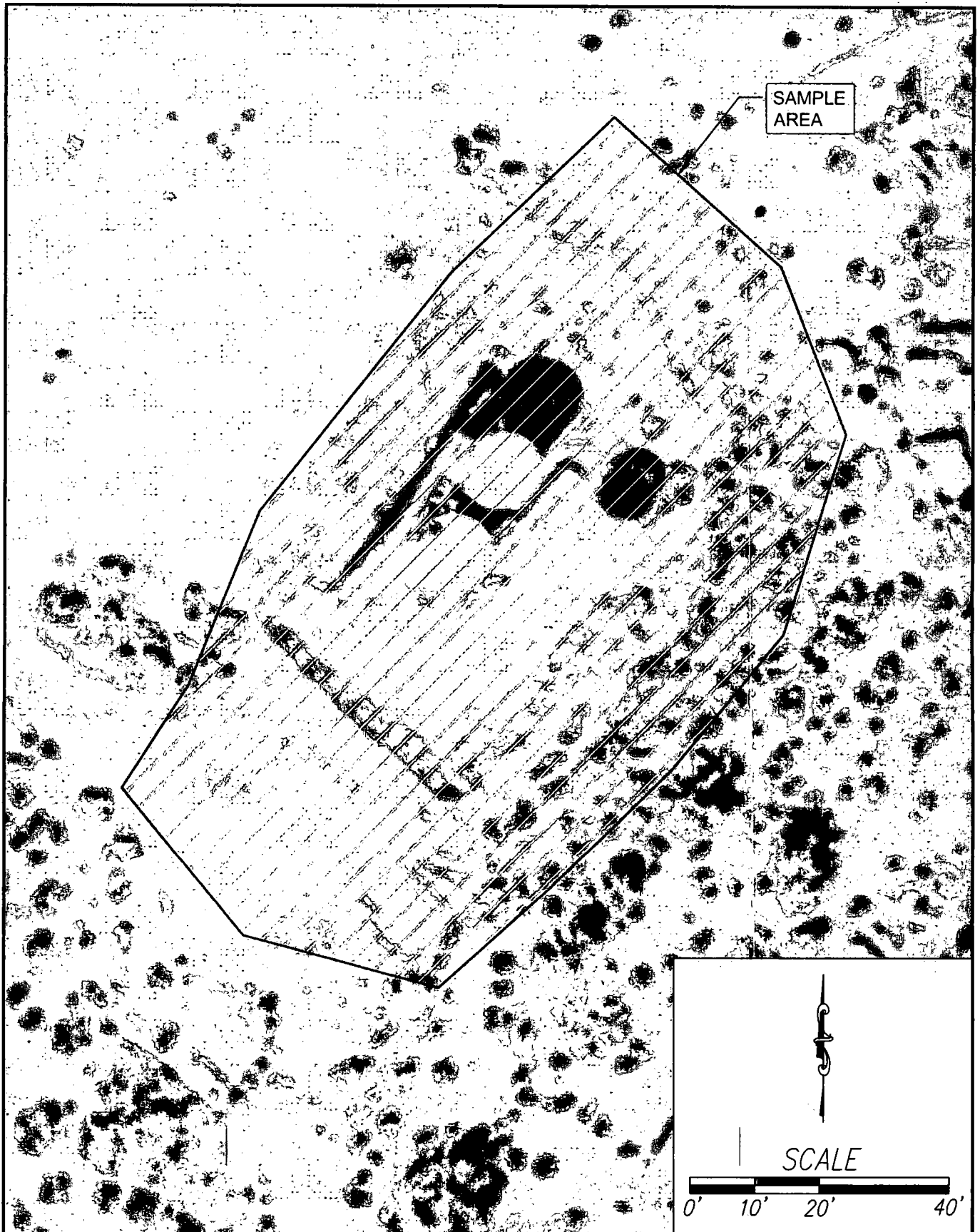
Figures:

Figure 1: Site Location

Figure 2: Sample Locations

Appendices:

Laboratory Analytical Reports



SOUDER, MILLER & ASSOCIATES

401 West Broadway Avenue
Farmington, NM 87401
Phone (505) 325-7535 Toll-Free (800) 519-0098 Fax (505) 326-0045
Serving the Southwest & Rocky Mountains
www.soudermiller.com

BIYA

WATERFLOW, NM

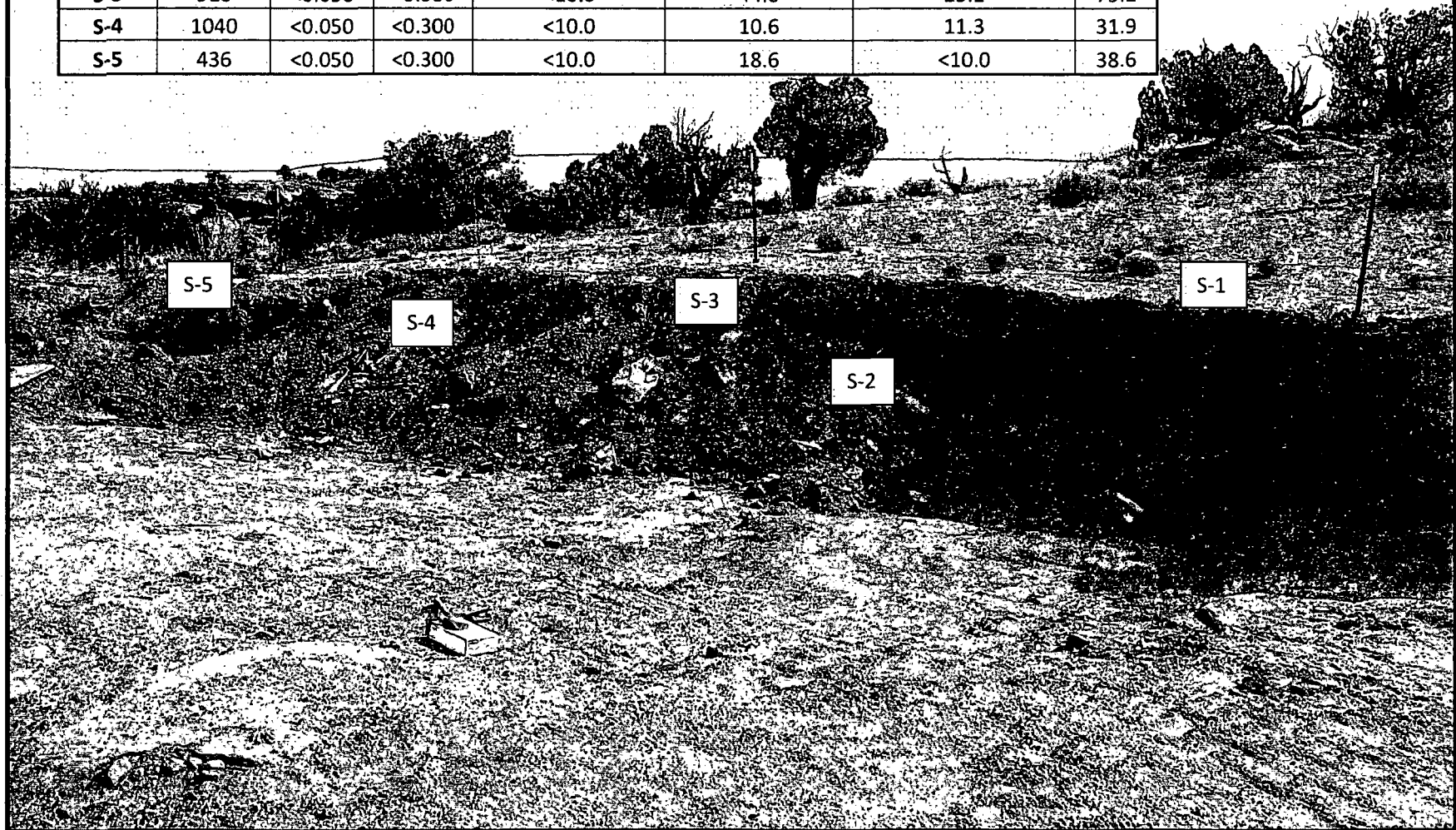
EXCAVATION AREA
UTE #1 TANK BATTERY
SITE LOCATION MAP

Designed APM	Drawn DJB	Checked RSA
Date: August 2018		
Scale: Horiz: 1" = 20'		
Vert: N/A		
Project No: 5127323		
Figure 1		

Figure 2: Ute #1 Tank Battery Sample Locations
BIYA SMA #5127323

Sample Date: 7/30/2018

	Chlorides	Benzene	Total BTEX	GRO C6-C10	DRO >C10-C28	EXT DRO >C28-C36	Total TPH
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
S-1	408	<0.050	<0.300	<50.0	694	361	1105
S-2	1220	<0.050	<0.300	<10.0	443	204	657
S-3	910	<0.050	<0.300	<10.0	44.0	25.2	79.2
S-4	1040	<0.050	<0.300	<10.0	10.6	11.3	31.9
S-5	436	<0.050	<0.300	<10.0	18.6	<10.0	38.6





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

10 August 2018

Ashley Maxwell
Souder Miller & Associates -
401 West Broadway
Farmington, NM 87410
RE: BTEX, TPH, CI 300

Enclosed are the results of analyses for samples received by the laboratory on 07/30/18 12:33. The data to follow was performed, in whole or in part, by a subcontract laboratory with an additional report attached.

If you any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script 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

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	1807250-01	Solid	07/30/18 09:22	07/30/18 12:33
S-2	1807250-02	Solid	07/30/18 09:24	07/30/18 12:33
S-3	1807250-03	Solid	07/30/18 09:25	07/30/18 12:33
S-4	1807250-04	Solid	07/30/18 09:28	07/30/18 12:33
S-5	1807250-05	Solid	07/30/18 09:30	07/30/18 12:33

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.



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www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

S-1

1807250-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

% Dry Solids	99.6			%	1	08/08/18	EPA160.3/1684		JDU
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Soluble (DI Water Extraction)

Chloride	408	20.1	3.87	mg/kg dry	20	08/09/18	EPA300.0		AES
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	08/01/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	08/01/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	08/01/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)

105 % 69.8-142

08/01/18

8021B

MS

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<50.0	50.0	26.5	mg/kg	5	08/01/18	8015B		MS
DRO >C10-C28*	694	50.0	7.81	mg/kg	5	08/01/18	8015B		MS
EXT DRO >C28-C36	361	50.0	7.81	mg/kg	5	08/01/18	8015B		MS

Surrogate: 1-Chlorooctane

87.6 % 41-142

08/01/18

8015B

MS

Surrogate: 1-Chlorooctadecane

125 % 37.6-147

08/01/18

8015B

MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

S-2

1807250-02 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

% Dry Solids	99.1			%	1	08/08/18	EPA160.3/1684		JDU
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Soluble (DI Water Extraction)

Chloride	1220	50.5	9.73	mg/kg dry	50	08/09/18	EPA300.0		AES
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	08/01/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	08/01/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	08/01/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)

104 % 69.8-142 08/01/18 8021B MS

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	08/01/18	8015B		MS
DRO >C10-C28*	443	10.0	1.56	mg/kg	1	08/01/18	8015B		MS
EXT DRO >C28-C36	204	10.0	1.56	mg/kg	1	08/01/18	8015B		MS

Surrogate: 1-Chlorooctane

88.8 % 41-142 08/01/18 8015B MS

Surrogate: 1-Chlorooctadecane

103 % 37.6-147 08/01/18 8015B MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

S-3

1807250-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

% Dry Solids	99.1			%	1	08/08/18	EPA160.3/1684		JDU
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Soluble (DI Water Extraction)

Chloride	910	50.5	9.73	mg/kg dry	50	08/09/18	EPA300.0		AES
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	08/01/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	08/01/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	08/01/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)

104 % 69.8-142 08/01/18 8021B MS

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	08/01/18	8015B		MS
DRO >C10-C28*	44.0	10.0	1.56	mg/kg	1	08/01/18	8015B		MS
EXT DRO >C28-C36	25.2	10.0	1.56	mg/kg	1	08/01/18	8015B		MS

Surrogate: 1-Chlorooctane

78.2 % 41-142 08/01/18 8015B MS

Surrogate: 1-Chlorooctadecane

76.5 % 37.6-147 08/01/18 8015B MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

S-4

1807250-04 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	98.9			%	1	08/08/18	EPA160.3/1684		JDU
Soluble (DI Water Extraction)									
Chloride	1040	50.6	9.75	mg/kg dry	50	08/09/18	EPA300.0		AES

Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	08/01/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	08/01/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	08/01/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)

106 % 69.8-142

08/01/18

8021B

MS

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	08/01/18	8015B		MS
DRO >C10-C28*	10.6	10.0	1.56	mg/kg	1	08/01/18	8015B		MS
EXT DRO >C28-C36	11.3	10.0	1.56	mg/kg	1	08/01/18	8015B		MS

Surrogate: 1-Chlorooctane

84.6 % 41-142

08/01/18

8015B

MS

Surrogate: 1-Chlorooctadecane

79.4 % 37.6-147

08/01/18

8015B

MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

S-5

1807250-05 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

% Dry Solids	99.0			%	1	08/08/18	EPA160.3/1684		JDU
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Soluble (DI Water Extraction)

Chloride	436	10.1	1.95	mg/kg dry	10	08/09/18	EPA300.0		AES
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	08/01/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	08/01/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	08/01/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	08/01/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)

105 % 69.8-142 08/01/18 8021B MS

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	08/01/18	8015B		MS
DRO >C10-C28*	18.6	10.0	1.56	mg/kg	1	08/01/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	1.56	mg/kg	1	08/01/18	8015B		MS

Surrogate: 1-Chlorooctane

86.9 % 41-142 08/01/18 8015B MS

Surrogate: 1-Chlorooctadecane

84.2 % 37.6-147 08/01/18 8015B MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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

www.GreenAnalytical.com

Souder Miller & Associates -
401 West Broadway
Farmington NM, 87410

Project: BTEX, TPH, CI 300
Project Name / Number: Utc #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B808025 - General Prep - Wet Chem										
Duplicate (B808025-DUP1) Source: 1807249-01 Prepared: 08/03/18 Analyzed: 08/08/18										
% Dry Solids	83.5		%		95.7			13.7	20	
Duplicate (B808025-DUP2) Source: 1807250-05 Prepared: 08/03/18 Analyzed: 08/08/18										
% Dry Solids	98.9		%		99.0			0.0505	20	

Soluble (DI Water Extraction) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B808060 - General Prep - Wet Chem										
Blank (B808060-BLK1) Prepared: 08/07/18 Analyzed: 08/08/18										
Chloride	ND	10.0	mg/kg wet							
LCS (B808060-BS1) Prepared: 08/07/18 Analyzed: 08/08/18										
Chloride	237	10.0	mg/kg wet	250		95.0	85-115			
LCS Dup (B808060-BSD1) Prepared: 08/07/18 Analyzed: 08/08/18										
Chloride	230	10.0	mg/kg wet	250		92.0	85-115	3.18	20	

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Debbie Zufelt

Debbie Zufelt, Reports Manager

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Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

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
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Batch 8080102 - Volatiles

Blank (8080102-BLK1)

Prepared & Analyzed: 08/01/18

Surrogate: 4-Bromofluorobenzene (PID)	0.105		mg/kg	0.100		105	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 (8080102-BS1)

Prepared & Analyzed: 08/01/18

Surrogate: 4-Bromofluorobenzene (PID)	0.110		mg/kg	0.100		110	69.8-142			
Benzene	1.89	0.050	mg/kg	2.00		94.5	74.5-124			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	78.6-122			
Toluene	2.02	0.050	mg/kg	2.00		101	78.8-122			
Total Xylenes	6.18	0.150	mg/kg	6.00		103	79.7-123			

LCS Dup (8080102-BSD1)

Prepared & Analyzed: 08/01/18

Surrogate: 4-Bromofluorobenzene (PID)	0.106		mg/kg	0.100		106	69.8-142			
Benzene	2.27	0.050	mg/kg	2.00		113	74.5-124	18.1	15.2	
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	78.6-122	13.7	15.4	
Toluene	2.33	0.050	mg/kg	2.00		117	78.8-122	14.7	15.1	
Total Xylenes	6.90	0.150	mg/kg	6.00		115	79.7-123	11.1	15.2	

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Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8073114 - General Prep - Organics

Blank (8073114-BLK1)

Prepared: 07/31/18 Analyzed: 08/01/18

Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.9	37.6-147			
Surrogate: 1-Chlorooctane	48.4		mg/kg	50.0		96.8	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 (8073114-BS1)

Prepared: 07/31/18 Analyzed: 08/01/18

Surrogate: 1-Chlorooctadecane	46.0		mg/kg	50.0		92.0	37.6-147			
Surrogate: 1-Chlorooctane	47.8		mg/kg	50.0		95.6	41-142			
DRO >C10-C28	199	10.0	mg/kg	200		99.6	72.9-138			
GRO C6-C10	201	10.0	mg/kg	200		100	76.5-133			
Total TPH C6-C28	400	10.0	mg/kg	400		100	78-132			

LCS Dup (8073114-BS1)

Prepared: 07/31/18 Analyzed: 08/01/18

Surrogate: 1-Chlorooctadecane	48.1		mg/kg	50.0		96.3	37.6-147			
Surrogate: 1-Chlorooctane	51.2		mg/kg	50.0		102	41-142			
DRO >C10-C28	211	10.0	mg/kg	200		106	72.9-138	5.75	20.6	
GRO C6-C10	206	10.0	mg/kg	200		103	76.5-133	2.41	20.6	
Total TPH C6-C28	417	10.0	mg/kg	400		104	78-132	4.09	18	

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401 West Broadway
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Project: BTEX, TPH, CI 300
Project Name / Number: Ute #1 Tank Battery
Project Manager: Ashley Maxwell

Reported:
08/10/18 13:11

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

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Debbie Zufelt, Reports Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006

COC - Revision 5.0

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

Page 12 of 12

Company or Client: <u>Sauder Miller & Associates</u>				Bill to (if different):				ANALYSIS REQUEST											
Address: <u>401 W. Broadway</u>				P.O. #:				<div>80218 BTEX</div> <div>8015D GRO, PRO, MRO</div> <div>300.0 Chloride</div>											
City: <u>Farmington</u> State: <u>NM</u> Zip: <u>87401</u>				Company: <u>BPA Operators inc.</u>															
Phone #: <u>505-325-7535</u>				Attn: <u>Ryan Laird</u>															
Contact Person: <u>Ashley Maxwell</u>				Address: <u>801 W. Mineral Ste 202</u>															
Email Report to: <u>ashley.maxwell@saudermiller.com</u>				City: <u>Littleton</u>															
Project Name (optional): <u>Ute #1 Tank Battery</u>				State: <u>CO</u> Zip: <u>80120</u>															
Sampler Name (Print): <u>Ashley Maxwell</u>				Phone #: <u>303-797-5417</u>															
				Email: <u>rlaird@diversifiedservices.com</u>															
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:			
1807-25D-01	S-1	7/30/18	9:22					X			2						X	X	X
-02	S-2		9:24					X			2								
-03	S-3		9:25					X			2								
-04	S-4		9:28					X			2								
-05	S-5		9:30					X			2								

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Relinquished By: <u>[Signature]</u>	Date: <u>7/30/18</u> Time: <u>12:33</u>	Received By: <u>[Signature]</u>	ADDITIONAL REMARKS: Report to State? (Circle) Yes No cc. Ryan Laird on Report 49/47C #1 on 10/26/18 50' <u>[Signature]</u> Temperature at receipt: <u>6</u> CHECKED BY: <u>[Signature]</u>
Relinquished By: <u>[Signature]</u>	Date: <u>7/30/18</u> Time: <u>16:55</u>	Received By: <u>Kangaroo Express</u>	
Relinquished By: <u>Kangaroo Express</u>	Date: <u>07/31/18</u> Time: <u>0857</u>	Received By: <u>[Signature]</u>	
Relinquished By:	Date:	Received 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.

Department Of Interior- Bureau of Land Management – Tres Rios Field Office – COAs

Well Name/Number: Ute #1

Operator: BIYA

Surface/Mineral Ownership: IND/IND

Leases: 14206041949

Location: (STR, QQ) S23,T31N, R16W

API:3004510448

PAD(X), ACCESS (), PIPELINE ()

REQUIREMENTS AT ALL SITES:

1. Operator will submit all samples for site closure pursuant to the full table of "Standards for Spill Clean-up and Reclamation, UMU Tribe 2018". _____

At this site specifically:

Background:

2. Operator must show evidence of properly capped pipeline.
3. Operator must submit documentation of weekly field inspections for integrity of the silt fences to the BLM, UMU tribe, and BIA UMU agency until all contaminated materials have been removed.
4. Operator may not stock pile material. All material excavated for remedial activities will be contained in a steel container or equivalent device, capable of containing all liquid and solid materials.

Sampling:

5. Operator will submit a minimum of 5 discrete samples, for each wall, base, or side excavation.

Winter Closure:

6. Operator will remove the winter closer section of the approved work plan.

Reclamation:

7. Operator will submit closure and final reports pursuant to the full table of "Standards for Spill Clean-up and Reclamation, UMU Tribe 2018". _____
8. All prescribed work and COAs must be completed by December 17th, 2018.

Ryan N.Joyner
— Natural Resource Specialist
BLM-Minerals Division

Date