

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
ELECTRONIC REPORT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

AUG 16 2018

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
3a. Address 801 W. MINERAL AVE. STE 202 LITTLETON, CO 80120		7. If Unit or CA/Agreement, Name and/or No.
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

BLM Revised (AFMSS)

Sundry Type: RECL  
NOI

RECL  
NOI

Lease: 14206041949

14206041949

Agreement:

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

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

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

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

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

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

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

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

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

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

Location:  
State: NM  
County: SAN JUAN

NM  
SAN JUAN

Field/Pool: HORSESHOE GALLUP

HORSESHOE GALLUP

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

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

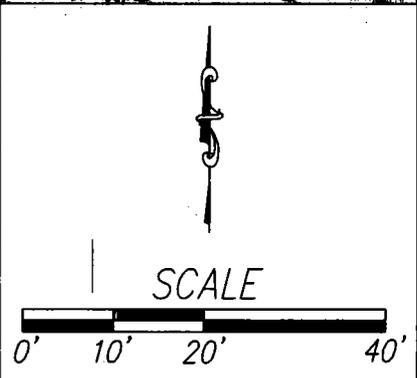
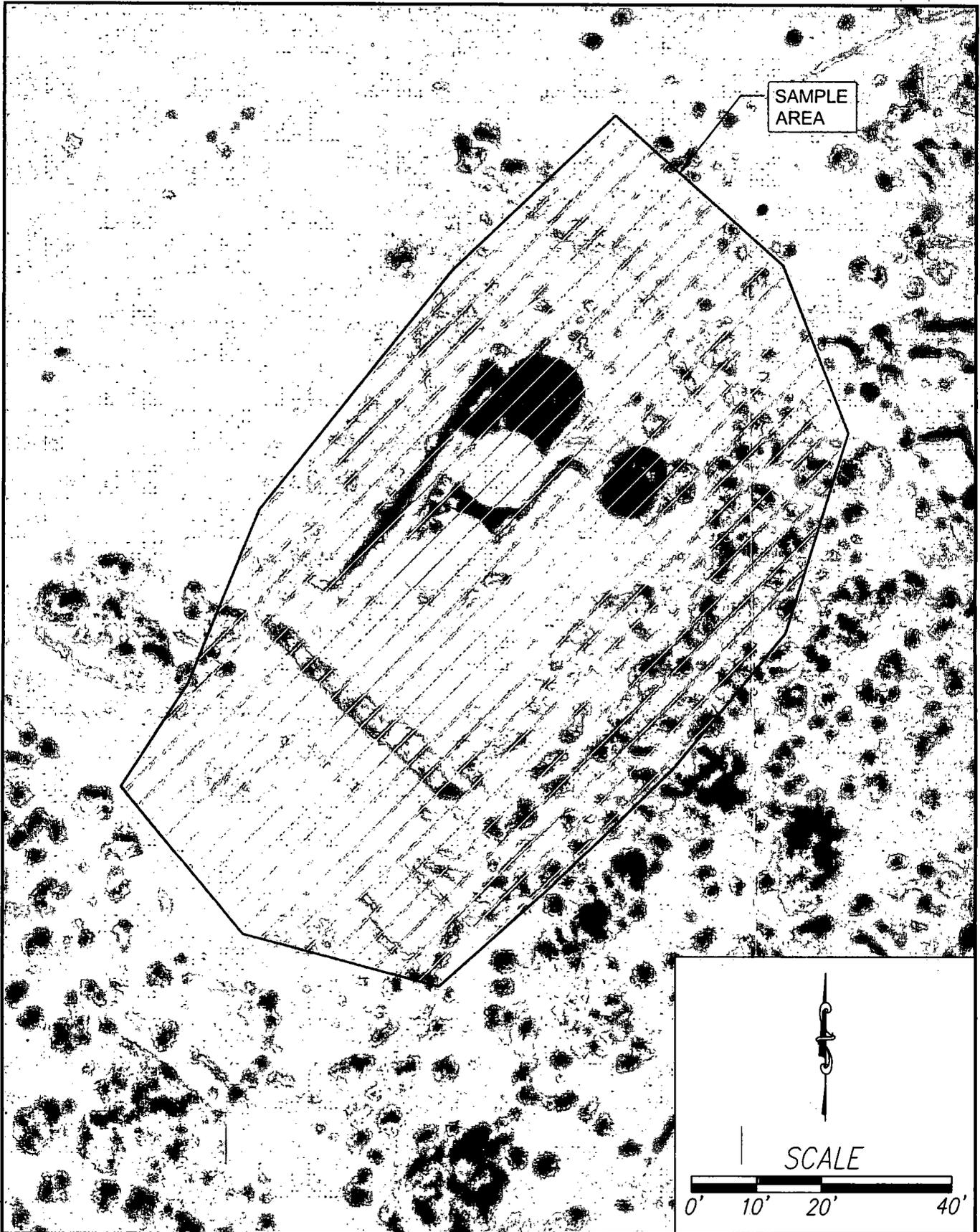
Shawna Chubbuck  
Senior Scientist

**Figures:**

Figure 1: Site Location  
Figure 2: Sample Locations

**Appendices:**

Laboratory Analytical Reports




**SMA**  
 Engineering  
 Environmental  
 Surveying

**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](http://www.soudermiller.com)

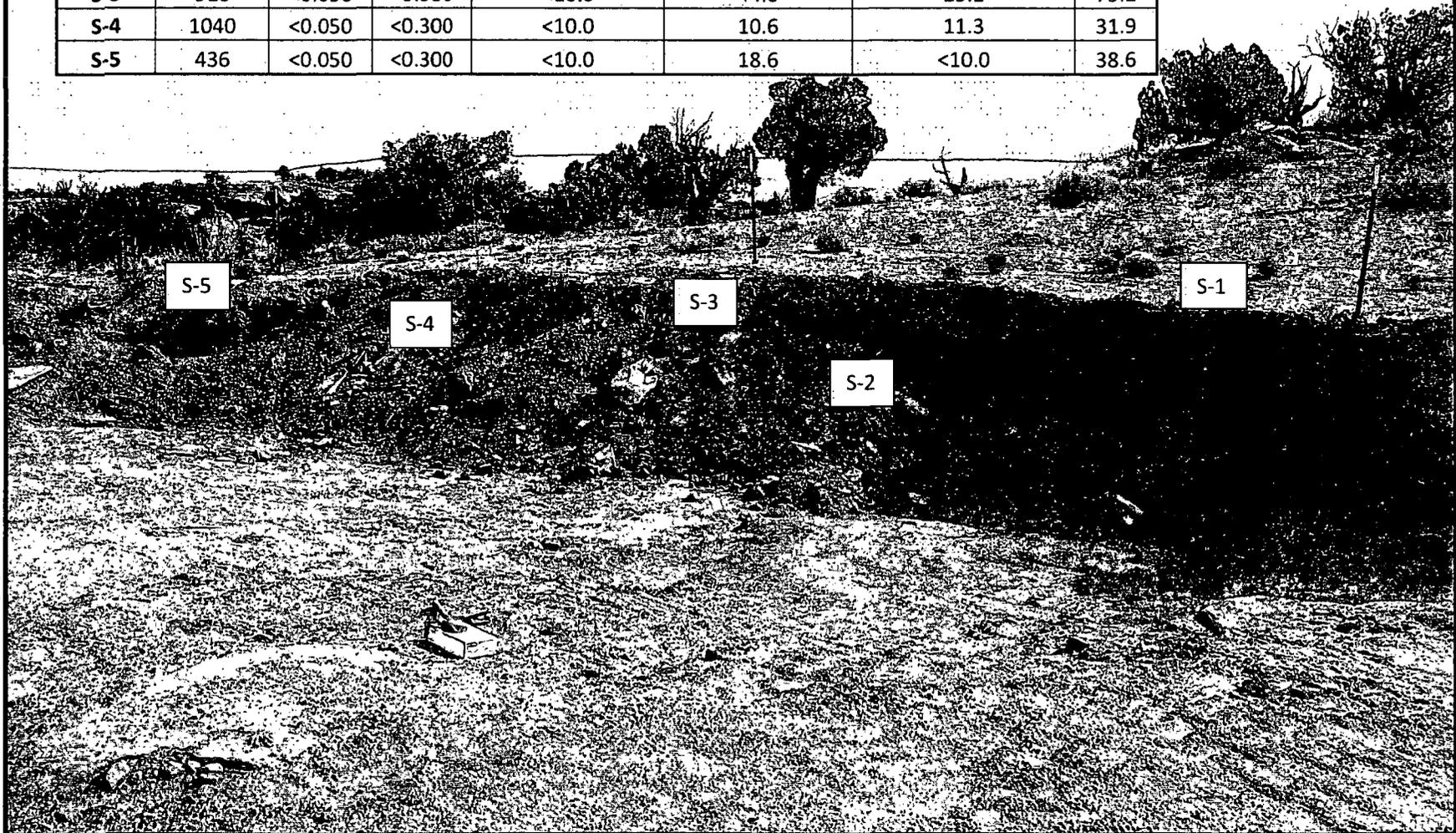
BIYA WATERFLOW, NM  
**EXCAVATION AREA**  
**UTE #1 TANK BATTERY**  
**SITE LOCATION MAP**

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

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](http://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.



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
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**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.



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
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S-1

1807250-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
% Dry Solids	99.6			%	1	08/08/18	EPA160.3/1684		JDU
<b>Soluble (DI Water Extraction)</b>									
Chloride	408	20.1	3.87	mg/kg dry	20	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)			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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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
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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
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**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
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Surrogate: 1-Chloro-octadecane			103 %	37.6-147		08/01/18	8015B		MS
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Green Analytical Laboratories

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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dzufelt@greenganalytical.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
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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
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**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
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Surrogate: 1-Chlorooctadecane		76.5 %	37.6-147			08/01/18	8015B		MS
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Green Analytical Laboratories

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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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
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S-4

1807250-04 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
% Dry Solids	98.9			%	1	08/08/18	EPA160.3/1684		JDU
<b>Soluble (DI Water Extraction)</b>									
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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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
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S-5

1807250-05 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
% Dry Solids	99.0			%	1	08/08/18	EPA160.3/1684		JDU
<b>Soluble (DI Water Extraction)</b>									
Chloride	436	10.1	1.95	mg/kg dry	10	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)			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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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
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**General Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B808025 - General Prep - Wet Chem**

<b>Duplicate (B808025-DUP1)</b>	<b>Source: 1807249-01</b>		<b>Prepared: 08/03/18</b>		<b>Analyzed: 08/08/18</b>					
% Dry Solids	83.5		%		95.7			13.7	20	
<b>Duplicate (B808025-DUP2)</b>	<b>Source: 1807250-05</b>		<b>Prepared: 08/03/18</b>		<b>Analyzed: 08/08/18</b>					
% 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
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**Batch B808060 - General Prep - Wet Chem**

<b>Blank (B808060-BLK1)</b>			<b>Prepared: 08/07/18</b>		<b>Analyzed: 08/08/18</b>					
Chloride	ND	10.0	mg/kg wet							
<b>LCS (B808060-BS1)</b>			<b>Prepared: 08/07/18</b>		<b>Analyzed: 08/08/18</b>					
Chloride	237	10.0	mg/kg wet	250		95.0	85-115			
<b>LCS Dup (B808060-BSD1)</b>			<b>Prepared: 08/07/18</b>		<b>Analyzed: 08/08/18</b>					
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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**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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**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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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*

Debbie Zufelt, Reports Manager

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**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 17<sup>th</sup>, 2018.

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Ryan N. Joyner  
Natural Resource Specialist  
BLM-Minerals Division

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Date