

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
ELECTRONIC REPORT

DEC 23 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
751141038

6. If Indian, Allottee or Tribe Name
UTE MOUNTAIN UTE

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
PRAIRIE FALCON 19-2917

9. API Well No.
30-045-35737-00-X1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BRIDGECREEK RESOURCES COLO LLC
Contact: CHRISTINE CAMPBELL
Email: ccampbell@bridgreekresources.com

3a. Address
405 URBAN STREET, SUITE 400
LAKEWOOD, CO 80228

3b. Phone No. (include area code)
Ph: 303-945-2642

10. Field and Pool, or Exploratory
VERDE GALLUP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T31N R14W SESE 151FSL 335FEL

11. County or Parish, and State
SAN JUAN COUNTY, NM

12. CHECK 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"/> Fracture Treat	<input 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 checked="" type="checkbox"/> Other Emergency Pits or Closure
	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bridgreek Resources (CO), LLC requests permission to construct a mixing pad on the Prairie Falcon 19-29 17 well location.

Construction will include cutting an 8-inch trench around the mixing pad to secure the bottom of the liner. This will not interfere with rig stabilization for drilling future wells. We are planning to excavate approximately 3.5-feet of the burial trench to give us dirt to construct the berms around the mixing pad (3-feet high). The liner will go up and over the berms and secured in the trench. We will layer the mixing pad with clean, then stabilized cuttings, like a lasagna. During inclement weather, a liner will cover the mixing pad. The burial trench will be temporary fenced to prevent accidental entry into the excavation.

**SEE ATTACHED
CONDITIONS OF APPROVAL**

No material will be buried until written approval is received from the BLM.

OIL CONS. DIV DIST. 3

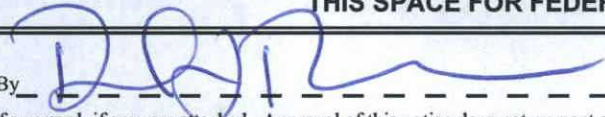
JAN 11 2016

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #327209 verified by the BLM Well Information System
For BRIDGECREEK RESOURCES COLO LLC, sent to the Durango
Committed to AFMSS for processing by TRACEY AYZE on 12/23/2015 (16TA0382SE)**

Name (Printed/Typed) CHRISTINE CAMPBELL	Title REGULATORY LEAD
Signature (Electronic Submission)	Date 12/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title MSC	Date 12/30/15
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 TRES RIOS FIELD 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.

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

NMOCD Accepted For Record

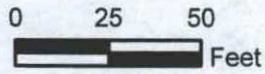
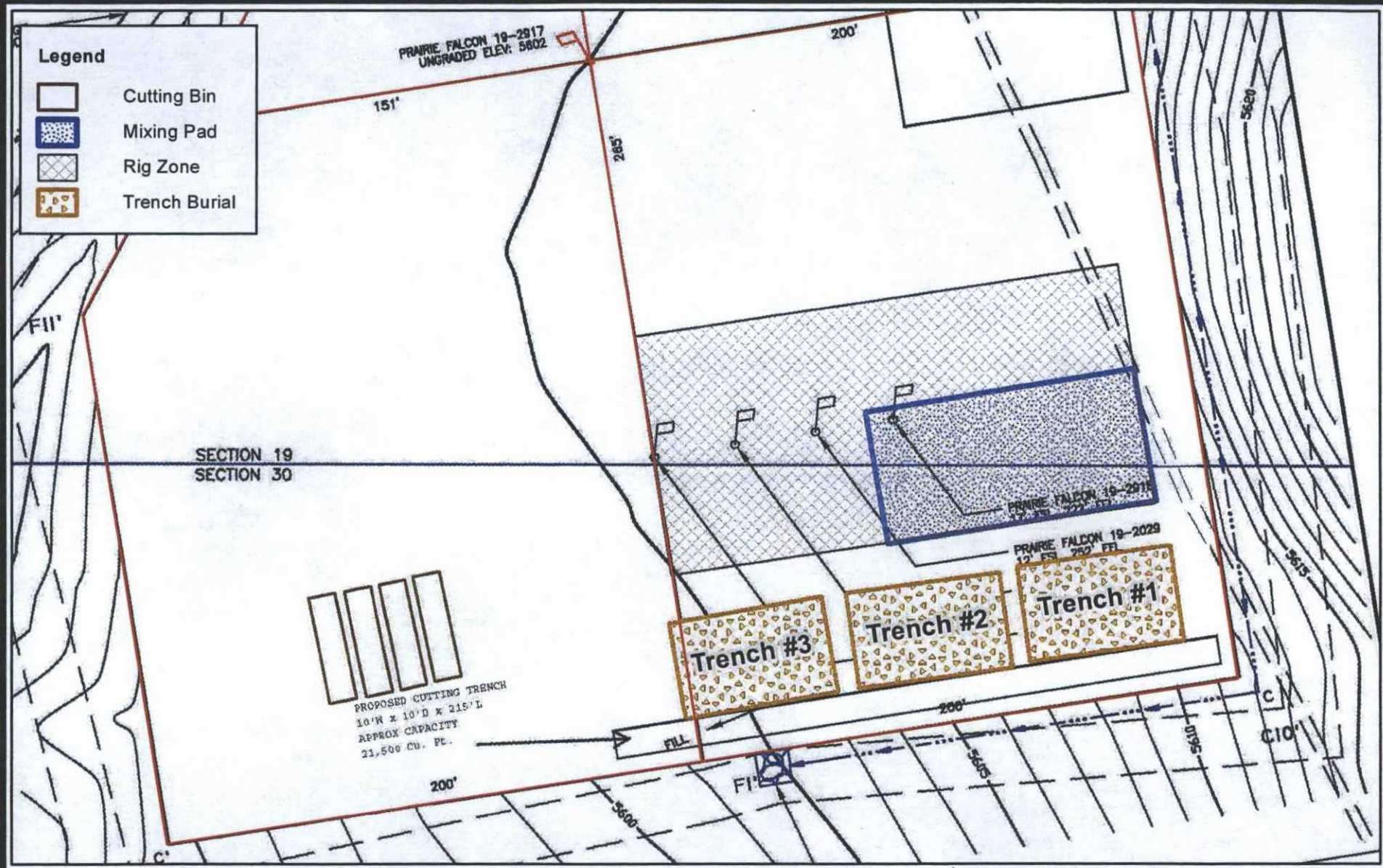
38

Additional data for EC transaction #327209 that would not fit on the form

32. Additional remarks, continued

Bridgecreek will be submitting an amendment to the approved SUPO that will include a revised trench closure plan. The forthcoming closure plan will state that cuttings will be buried at a 3-parts clean soil:1 part cuttings in the location of Trench 1 on the attached trench layout diagram.

Also attached is the mixing ratio calculations that show the Benzene is below UMU Table standards when mixed (3 clean: 1 cuttings). The only other exceedance of standards is Arsenic, which is naturally high. Also attached is the Chain of Custody from Envirotech for your reference.




Adkins Consulting Inc.
 180 East 12th Street
 Durango, CO 81303
 505-793-1140

Trench Burial - Drill Cuttings
 Bridgecreek Resources
 Prairie Falcon 19-2917

DRAFT
 December
 2015

Analytical Report

Report Summary

Client: Bridgecreek Resources, LLC

Chain Of Custody Number:

Samples Received: 12/4/2015 5:44:00PM

Job Number: 15090-0001

Work Order: P512016

Project Name/Location: Prairie Falcon 19- 29-17

Entire Report Reviewed By:



Date: 12/22/15

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 12/15/15 5:22 pm

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

Bridgecreek Resources, LLC
 405 Urban St Suite 400
 Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
 Project Number: 15090-0001
 Project Manager: Andrew Parker

Reported:
 22-Dec-15 10:34

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bin Composite	P512016-01A	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.
	P512016-01B	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.
	P512016-01C	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.
Background	P512016-02A	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.
	P512016-02B	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.
	P512016-02C	Soil	12/04/15	12/04/15	Glass Jar, 4 oz.

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Bridgescreek Resources, LLC
405 Urban St Suite 400
Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Bin Composite
P512016-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	0.59	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
Toluene	1.47	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
Ethylbenzene	0.54	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
p,m-Xylene	1.33	0.20	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
o-Xylene	0.97	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
Total Xylenes	2.30	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
Total BTEX	4.90	0.10	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		117 %			1550020	12/09/15	12/10/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	56.0	20.0	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8015D	
Diesel Range Organics (C10-C28)	367	25.0	mg/kg	1	1550019	12/09/15	12/10/15	EPA 8015D	
Oil Range Organics (C28-C40+)	122	50.0	mg/kg	1	1550019	12/09/15	12/10/15	EPA 8015D	
<i>Surrogate: n-Nonane</i>		113 %			1550019	12/09/15	12/10/15	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %			1550020	12/09/15	12/10/15	EPA 8015D	
Total Metals by 6010									
Arsenic	5.38	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Barium	1830	9.60	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Cadmium	ND	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Chromium	25.5	4.80	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Copper	3.68	1.92	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Lead	16.2	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Mercury	ND	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Nickel	12.3	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Selenium	ND	4.80	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Silver	ND	0.96	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Zinc	54.5	1.92	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	

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Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Bin Composite
P512016-01 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Cation/Anion Analysis									
pH @25°C	8.98		pH Units	1	1550009	12/08/15 12:24	12/08/15 14:33	9040C/4500 H	
Electrical Conductivity	1630		umhos/cm	1	1550009	12/08/15 12:24	12/08/15 14:33	9050A/2510	
Sodium Absorption Ratio	2.24		N/A	1	1551017	12/15/15	12/15/15	[CALC]	
Chloride	134	20.0	mg/kg	1	1550022	12/10/15	12/10/15	EPA 300.0	
Calcium	52.0	0.50	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Magnesium	39.9	0.20	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Sodium	88.1	2.00	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Boron-Hot Water Soluble by EPA 6010									
Boron	ND	0.50	mg/L	1	1551005	12/14/15	12/15/15	EPA 6010C	

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Bridgescreek Resources, LLC
405 Urban St Suite 400
Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Background
P512016-02 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
Toluene	ND	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
Ethylbenzene	0.03	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
p,m-Xylene	ND	0.04	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
o-Xylene	ND	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
Total Xylenes	ND	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
Total BTEX	ND	0.02	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8021B	A-01
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>115 %</i>	<i>50-150</i>		<i>1550020</i>	<i>12/09/15</i>	<i>12/10/15</i>	<i>EPA 8021B</i>	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1550020	12/09/15	12/10/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1550019	12/09/15	12/10/15	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1550019	12/09/15	12/10/15	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>107 %</i>	<i>50-200</i>		<i>1550019</i>	<i>12/09/15</i>	<i>12/10/15</i>	<i>EPA 8015D</i>	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>86.5 %</i>	<i>50-150</i>		<i>1550020</i>	<i>12/09/15</i>	<i>12/10/15</i>	<i>EPA 8015D</i>	
Total Metals by 6010									
Arsenic	4.67	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Barium	152	9.86	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Cadmium	ND	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Chromium	13.1	4.93	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Copper	ND	1.97	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Lead	15.6	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Mercury	ND	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Nickel	9.07	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Selenium	ND	4.93	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Silver	ND	0.99	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	
Zinc	39.9	1.97	mg/kg	1	1551002	12/14/15	12/14/15	EPA 6010C	

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Bridgecreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Background
P512016-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cation/Anion Analysis									
pH @21.6°C	8.73		pH Units	1	1550009	12/08/15 12:24	12/08/15 14:33	9040C/4500 H	
Electrical Conductivity	112		umhos/cm	1	1550009	12/08/15 12:24	12/08/15 14:33	9050A/2510	
Sodium Absorption Ratio	0.186		N/A	1	1551017	12/15/15	12/15/15	[CALC]	
Chloride	849	20.0	mg/kg	1	1550022	12/10/15	12/10/15	EPA 300.0	
Calcium	22.1	0.50	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Magnesium	20.1	0.20	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Sodium	5.02	2.00	mg/L	1	1551009	12/14/15	12/15/15	EPA 6010C	
Boron-Hot Water Soluble by EPA 6010									
Boron	ND	0.50	mg/L	1	1551005	12/14/15	12/15/15	EPA 6010C	

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Bridgecreek Resources, LLC
405 Urban St Suite 400
Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1550020 - Purge and Trap EPA 5030A

Blank (1550020-BLK1)

Prepared: 09-Dec-15 Analyzed: 10-Dec-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.364		"	0.400		91.1	50-150			

LCS (1550020-BS1)

Prepared: 09-Dec-15 Analyzed: 10-Dec-15

Benzene	11.8	0.10	mg/kg	10.0		118	70-130			
Toluene	11.6	0.10	"	10.0		116	70-130			
Ethylbenzene	11.6	0.10	"	10.0		116	70-130			
p,m-Xylene	23.5	0.20	"	20.0		117	70-130			
o-Xylene	11.2	0.10	"	10.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	0.367		"	0.400		91.6	50-150			

Matrix Spike (1550020-MS1)

Source: P512014-21

Prepared: 09-Dec-15 Analyzed: 10-Dec-15

Benzene	10.9	0.10	mg/kg	10.0	ND	109	54.3-133			
Toluene	10.7	0.10	"	10.0	ND	107	61.4-130			
Ethylbenzene	10.7	0.10	"	10.0	ND	107	61.4-133			
p,m-Xylene	21.6	0.20	"	20.0	ND	108	63.3-131			
o-Xylene	10.5	0.10	"	10.0	ND	105	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	0.365		"	0.400		91.3	50-150			

Matrix Spike Dup (1550020-MSD1)

Source: P512014-21

Prepared: 09-Dec-15 Analyzed: 10-Dec-15

Benzene	11.4	0.10	mg/kg	10.0	ND	114	54.3-133	4.80	20	
Toluene	11.2	0.10	"	10.0	ND	112	61.4-130	4.97	20	
Ethylbenzene	11.2	0.10	"	10.0	ND	112	61.4-133	5.01	20	
p,m-Xylene	22.7	0.20	"	20.0	ND	113	63.3-131	4.85	20	
o-Xylene	10.9	0.10	"	10.0	ND	109	63.3-131	4.21	20	
Surrogate: 4-Bromochlorobenzene-PID	0.366		"	0.400		91.4	50-150			

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Bridgecreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1550019 - DRO Extraction EPA 3550M										
Blank (1550019-BLK1) Prepared & Analyzed: 09-Dec-15										
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	52.4		"	50.0		105	50-200			
LCS (1550019-BS1) Prepared & Analyzed: 09-Dec-15										
Diesel Range Organics (C10-C28)	502	25.0	mg/kg	500		100	38-132			
Surrogate: n-Nonane	52.4		"	50.0		105	50-200			
Matrix Spike (1550019-MS1) Source: P512013-01 Prepared & Analyzed: 09-Dec-15										
Diesel Range Organics (C10-C28)	506	25.0	mg/kg	500	ND	101	38-132			
Surrogate: n-Nonane	49.5		"	50.0		99.0	50-200			
Matrix Spike Dup (1550019-MSD1) Source: P512013-01 Prepared & Analyzed: 09-Dec-15										
Diesel Range Organics (C10-C28)	507	25.0	mg/kg	500	ND	101	38-132	0.207	20	
Surrogate: n-Nonane	47.8		"	50.0		95.6	50-200			

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

Bridgecreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1550020 - Purge and Trap EPA 5030A

Blank (1550020-BLK1)		Prepared: 09-Dec-15 Analyzed: 10-Dec-15								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.270		"	0.400		67.5	50-150			
LCS (1550020-BS1)		Prepared: 09-Dec-15 Analyzed: 10-Dec-15								
Gasoline Range Organics (C6-C10)	109	20.0	mg/kg	113		96.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.278		"	0.400		69.5	50-150			
Matrix Spike (1550020-MS1)		Source: P512014-21		Prepared: 09-Dec-15 Analyzed: 10-Dec-15						
Gasoline Range Organics (C6-C10)	101	20.0	mg/kg	113	ND	89.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.276		"	0.400		69.0	50-150			
Matrix Spike Dup (1550020-MSD1)		Source: P512014-21		Prepared: 09-Dec-15 Analyzed: 10-Dec-15						
Gasoline Range Organics (C6-C10)	105	20.0	mg/kg	113	ND	93.3	70-130	4.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.277		"	0.400		69.3	50-150			

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Bridgescreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Total Metals by 6010 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1551002 - Metal Solid Digestion EPA 3051A

Blank (1551002-BLK1)			Prepared & Analyzed: 14-Dec-15							
Arsenic	ND	1.00	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	1.00	"							
Chromium	ND	5.00	"							
Copper	ND	2.00	"							
Lead	ND	1.00	"							
Mercury	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	5.00	"							
Silver	ND	1.00	"							
Zinc	ND	2.00	"							

LCS (1551002-BS1)			Prepared & Analyzed: 14-Dec-15							
Arsenic	93.1	1.00	mg/kg	100		93.1	80-120			
Barium	103	10.0	"	100		103	80-120			
Cadmium	96.0	1.00	"	100		96.0	80-120			
Chromium	103	5.00	"	100		103	80-120			
Copper	87.8	2.00	"	100		87.8	80-120			
Lead	97.9	1.00	"	100		97.9	80-120			
Mercury	92.8	1.00	"	100		92.8	80-120			
Nickel	95.6	1.00	"	100		95.6	80-120			
Selenium	89.1	5.00	"	100		89.1	80-120			
Silver	97.5	1.00	"	100		97.5	80-120			
Zinc	94.7	2.00	"	100		94.7	80-120			

Matrix Spike (1551002-MS1)			Source: P512013-06		Prepared & Analyzed: 14-Dec-15					
Arsenic	93.4	0.98	mg/kg	97.8	1.88	93.6	75-125			
Barium	156	9.78	"	97.8	59.5	99.1	75-125			
Cadmium	94.4	0.98	"	97.8	ND	96.5	75-125			
Chromium	105	4.89	"	97.8	4.91	102	75-125			
Copper	84.8	1.96	"	97.8	ND	86.7	75-125			
Lead	101	0.98	"	97.8	5.56	97.6	75-125			
Mercury	92.8	0.98	"	97.8	ND	94.9	75-125			
Nickel	95.9	0.98	"	97.8	2.20	95.7	75-125			
Selenium	87.9	4.89	"	97.8	ND	89.8	75-125			
Silver	46.2	0.98	"	97.8	ND	47.2	75-125			SPK1
Zinc	103	1.96	"	97.8	9.97	95.0	75-125			

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Bridgescreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Total Metals by 6010 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1551002 - Metal Solid Digestion EPA 3051A

Matrix Spike Dup (1551002-MSD1)	Source: P512013-06			Prepared & Analyzed: 14-Dec-15						
Arsenic	91.2	0.95	mg/kg	95.1	1.88	94.0	75-125	2.40	20	
Barium	164	9.51	"	95.1	59.5	110	75-125	4.69	20	
Cadmium	92.2	0.95	"	95.1	ND	97.0	75-125	2.38	20	
Chromium	103	4.75	"	95.1	4.91	104	75-125	1.50	20	
Copper	82.5	1.90	"	95.1	ND	86.8	75-125	2.81	20	
Lead	99.8	0.95	"	95.1	5.56	99.2	75-125	1.26	20	
Mercury	89.7	0.95	"	95.1	ND	94.4	75-125	3.41	20	
Nickel	93.4	0.95	"	95.1	2.20	95.9	75-125	2.63	20	
Selenium	86.2	4.75	"	95.1	ND	90.7	75-125	1.95	20	
Silver	28.6	0.95	"	95.1	ND	30.1	75-125	47.0	20	SPK1
Zinc	101	1.90	"	95.1	9.97	95.4	75-125	2.23	20	

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Bridgocreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1550022 - Anion Extraction EPA 300.0										
Blank (1550022-BLK1)										
				Prepared & Analyzed: 10-Dec-15						
Chloride	ND	20.0	mg/kg							
LCS (1550022-BS1)										
				Prepared & Analyzed: 10-Dec-15						
Chloride	472	20.0	mg/kg	500		94.4	90-110			
Matrix Spike (1550022-MS1)										
				Source: P512013-01		Prepared & Analyzed: 10-Dec-15				
Chloride	505	20.0	mg/kg	500	ND	101	80-120			
Matrix Spike Dup (1550022-MSD1)										
				Source: P512013-01		Prepared & Analyzed: 10-Dec-15				
Chloride	507	20.0	mg/kg	500	ND	101	80-120	0.563	20	

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Bridgecreek Resources, LLC
405 Urban St Suite 400
Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1551009 - Metal Water Digestion EPA 3015A

Blank (1551009-BLK1)

Prepared & Analyzed: 14-Dec-15

Calcium	ND	0.50	mg/L							
Magnesium	ND	0.20	"							
Sodium	ND	2.00	"							

LCS (1551009-BS1)

Prepared & Analyzed: 14-Dec-15

Calcium	109	0.50	mg/L	111		98.5	80-120			
Magnesium	114	0.20	"	111		103	80-120			
Sodium	122	2.00	"	111		110	80-120			

Matrix Spike (1551009-MS1)

Source: P512013-01

Prepared & Analyzed: 14-Dec-15

Calcium	121	0.50	mg/L	111	11.2	99.1	75-125			
Magnesium	116	0.20	"	111	2.60	102	75-125			
Sodium	122	2.00	"	111	2.31	108	75-125			

Matrix Spike Dup (1551009-MSD1)

Source: P512013-01

Prepared & Analyzed: 14-Dec-15

Calcium	118	0.50	mg/L	111	11.2	95.8	75-125	3.16	20	
Magnesium	118	0.20	"	111	2.60	104	75-125	1.14	20	
Sodium	124	2.00	"	111	2.31	109	75-125	1.36	20	

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Bridgecreek Resources, LLC 405 Urban St Suite 400 Lakewood CO, 80228	Project Name: Prairie Falcon 19- 29-17 Project Number: 15090-0001 Project Manager: Andrew Parker	Reported: 22-Dec-15 10:34
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Boron-Hot Water Soluble by EPA 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1551005 - Boron HW Soluble Digestion										
Blank (1551005-BLK1)										
				Prepared: 14-Dec-15 Analyzed: 15-Dec-15						
Boron	ND	0.50	mg/L							
LCS (1551005-BS1)										
				Prepared: 14-Dec-15 Analyzed: 15-Dec-15						
Boron	4.15		mg/L	4.00		104	80-120			
Matrix Spike (1551005-MS1)										
				Source: P512016-02		Prepared: 14-Dec-15 Analyzed: 15-Dec-15				
Boron	3.19		mg/L	4.00	0.06	78.1	75-125			
Matrix Spike Dup (1551005-MSD1)										
				Source: P512016-02		Prepared: 14-Dec-15 Analyzed: 15-Dec-15				
Boron	2.98		mg/L	4.00	0.06	73.1	75-125	6.55	20	SPK1

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

Bridgecreek Resources, LLC
405 Urban St Suite 400
Lakewood CO, 80228

Project Name: Prairie Falcon 19- 29-17
Project Number: 15090-0001
Project Manager: Andrew Parker

Reported:
22-Dec-15 10:34

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.

A-01 Re-reported. Client requested lower detection limit.

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

RPD Relative Percent Difference

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Client: Bridgcrest Resources
 Project: Phase I Falcon 19 29-17 per Andrew Parker
 Sampler: A. Parker 12/17/15
 Phone: 970-570-9535
 Email(s): andrew@adkinsenvironmental.com
 Project Manager:

RUSH?
 1d
 3d

Lab Use Only		Analysis and Method					Lab Only				
Lab WO#		GRO/DRO by 8015+MRO	BTEX by 8021	Chloride by 300.0	Table 710-1	CR-VI	DRO	GRO	MRO	Lab Number	Correct Cont/Prsv (s) Y/N
Job Number											
P 512016		15090-0002									

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPEReservative	GRO/DRO by 8015+MRO	BTEX by 8021	Chloride by 300.0	Table 710-1	CR-VI	DRO	GRO	MRO	Lab Number	Correct Cont/Prsv (s) Y/N
3 ^{AD} 4 oz BEK Composite	12/4	4:15	SOLID	3 ^{new} 4oz glass/cool	+	X	X	X	X				1	Y
3 ^{AD} 4 oz BACKGROUNDS	12/4	4:30	↓	1	+	X	X	X	X				2	I

Relinquished by: (Signature) <i>Andrew Parker</i>	Date 12/4/15	Time 17:35	Received by: (Signature) <i>Alana Lopez</i>	Date 12/4/15	Time 17:44	Lab Use Only					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	**Received on Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N					
						T1	T2	T3	AVG Temp °C 4.0		

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody _____ Notes/Billing info: _____



5750 US Highway 64, Farmington, NM 87401 PH (505) 632-0615 FX (505) 632-1865
 Three Springs - 65 Mercedes Street, Suite 115, Durango, CO 81301 PH (970) 259-0615 FX (970) 362-1875

December 15, 2015

EnviroTech- NM

Sample Delivery Group:	L805353
Samples Received:	12/08/2015
Project Number:	15090-0002
Description:	Prairie Falcon 19-29-17
Site:	P512016
Report To:	Tim Cain and Lynn Cook 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By:

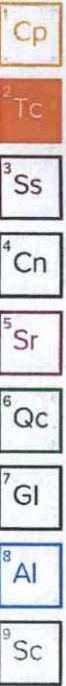


Shane Gambill
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

BIN COMPOSITE L805353-01 Solid

Collected by
A. Parker
Collected date/time
12/04/15 16:15
Received date/time
12/08/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG834440	1	12/09/15 19:07	12/10/15 11:12	KMP
Total Solids by Method 2540 G-2011	WG834540	1	12/14/15 13:03	12/14/15 13:12	MEL
Wet Chemistry by Method 2580 B-2011	WG834194	1	12/08/15 21:26	12/08/15 21:27	MZ
Wet Chemistry by Method 3060A/7196A	WG834156	1	12/09/15 09:52	12/10/15 13:58	AMC
Wet Chemistry by Method 9045D	WG834208	1	12/09/15 09:20	12/09/15 09:20	MAJ

Cp

Tc

Ss

Cn

BACKGROUND L805353-02 Solid

Collected by
A. Parker
Collected date/time
12/04/15 16:30
Received date/time
12/08/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG834440	1	12/09/15 19:07	12/10/15 11:34	KMP
Total Solids by Method 2540 G-2011	WG834540	1	12/14/15 13:03	12/14/15 13:12	MEL
Wet Chemistry by Method 2580 B-2011	WG834194	1	12/08/15 21:26	12/08/15 21:27	MZ
Wet Chemistry by Method 3060A/7196A	WG834156	1	12/09/15 09:52	12/10/15 14:00	AMC
Wet Chemistry by Method 9045D	WG834208	1	12/09/15 09:20	12/09/15 09:20	MAJ

Sr

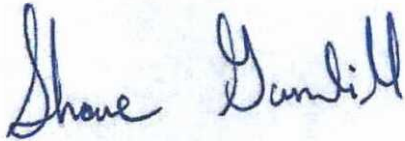
Qc

GI

Al

Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Shane Gambill
Technical Service Representative

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 12/04/15 16:15

L805353

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	75.1		1	12/14/2015 13:12	<u>WG834540</u>

1 Cp

2 Tc

Wet Chemistry by Method 2580 B-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	90		1	12/08/2015 21:27	<u>WG834194</u>

3 Ss

4 Cn

Wet Chemistry by Method 3060A/7196A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chromium, Hexavalent	ND		2.66	1	12/10/2015 13:58	<u>WG834156</u>

5 Sr

6 Qc

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	9.64		1	12/09/2015 09:20	<u>WG834208</u>

7 GI

8 AI

Sample Narrative:

9045D L805353-01 WG834208: 9.64 at 23.7c

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Acenaphthene	0.0123		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Acenaphthylene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Benzo(a)anthracene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Benzo(a)pyrene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Benzo(b)fluoranthene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Benzo(g,h,i)perylene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Benzo(k)fluoranthene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Chrysene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Dibenz(a,h)anthracene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Fluoranthene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Fluorene	0.0379		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Indeno(1,2,3-cd)pyrene	ND		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Naphthalene	0.394		0.0266	1	12/10/2015 11:12	<u>WG834440</u>
Phenanthrene	0.0733		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
Pyrene	0.00940		0.00799	1	12/10/2015 11:12	<u>WG834440</u>
1-Methylnaphthalene	0.320		0.0266	1	12/10/2015 11:12	<u>WG834440</u>
2-Methylnaphthalene	0.409		0.0266	1	12/10/2015 11:12	<u>WG834440</u>
2-Chloronaphthalene	ND		0.0266	1	12/10/2015 11:12	<u>WG834440</u>
(S) Nitrobenzene-d5	69.5		22.1-146		12/10/2015 11:12	<u>WG834440</u>
(S) 2-Fluorobiphenyl	41.7		40.6-122		12/10/2015 11:12	<u>WG834440</u>
(S) p-Terphenyl-d14	44.3		32.2-131		12/10/2015 11:12	<u>WG834440</u>

BACKGROUND

Collected date/time: 12/04/15 16:30

SAMPLE RESULTS - 02

L805353

ONE LAB. NATIONWIDE.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	12/14/2015 13:12	<u>WG834540</u>

Wet Chemistry by Method 2580 B-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	mV			date / time	
ORP	124		1	12/08/2015 21:27	<u>WG834194</u>

Wet Chemistry by Method 3060A/7196A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Chromium,Hexavalent	ND		2.36	1	12/10/2015 14:00	<u>WG834156</u>

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	9.11		1	12/09/2015 09:20	<u>WG834208</u>

Sample Narrative:

9045D L805353-02 WG834208: 9.11 at 23.9c

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Acenaphthene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Acenaphthylene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Benzo(a)anthracene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Benzo(a)pyrene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Benzo(b)fluoranthene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Benzo(g,h,i)perylene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Benzo(k)fluoranthene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Chrysene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Dibenz(a,h)anthracene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Fluoranthene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Fluorene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Indeno(1,2,3-cd)pyrene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Naphthalene	ND		0.0236	1	12/10/2015 11:34	<u>WG834440</u>
Phenanthrene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
Pyrene	ND		0.00708	1	12/10/2015 11:34	<u>WG834440</u>
1-Methylnaphthalene	ND		0.0236	1	12/10/2015 11:34	<u>WG834440</u>
2-Methylnaphthalene	ND		0.0236	1	12/10/2015 11:34	<u>WG834440</u>
2-Chloronaphthalene	ND		0.0236	1	12/10/2015 11:34	<u>WG834440</u>
(S) Nitrobenzene-d5	67.4		22.1-146		12/10/2015 11:34	<u>WG834440</u>
(S) 2-Fluorobiphenyl	71.9		40.6-122		12/10/2015 11:34	<u>WG834440</u>
(S) p-Terphenyl-d14	67.9		32.2-131		12/10/2015 11:34	<u>WG834440</u>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Total Solids by Method 2540 G-2011

L805353-01,02

Method Blank (MB)

(MB) 12/14/15 13:12

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000400		

L805396-01 Original Sample (OS) • Duplicate (DUP)

(OS) 12/14/15 13:12 • (DUP) 12/14/15 13:12

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
Total Solids	78.9	77.2	1	2.28		5

Laboratory Control Sample (LCS)

(LCS) 12/14/15 13:12

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

L804772-01 Original Sample (OS) • Duplicate (DUP)

(OS) 12/08/15 21:27 • (DUP) 12/08/15 21:27

Analyte	Original Result mV	DUP Result mV	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
ORP	-19.0	-18	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 12/08/15 21:27 • (LCSD) 12/08/15 21:27

Analyte	Spike Amount mV	LCS Result mV	LCSD Result mV	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
ORP	100	97	98	97.0	98.0	90.0-110			1.03	20

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- Al
- Sc

Method Blank (MB)

(MB) 12/10/15 13:35

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Chromium,Hexavalent	ND		2.00

L805169-01 Original Sample (OS) • Duplicate (DUP)

(OS) 12/10/15 13:43 • (DUP) 12/10/15 13:53

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chromium,Hexavalent	ND	ND	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 12/10/15 13:40 • (LCSD) 12/10/15 13:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chromium,Hexavalent	97.4	78.2	79.6	80.3	81.7	80.0-120			1.77	20

L805169-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 12/10/15 13:43 • (MS) 12/10/15 13:53 • (MSD) 12/10/15 13:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Hexavalent	20.0	ND	15.8	16.5	79.0	82.5	1	75.0-125			4.33	20

- Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

L804859-20 Original Sample (OS) • Duplicate (DUP)

(OS) 12/09/15 09:20 • (DUP) 12/09/15 09:20

Analyte	Original Result SU	DUP Result SU	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
pH	4.14	4.17	1	0.722		1

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 12/09/15 09:20 • (LCSD) 12/09/15 09:20

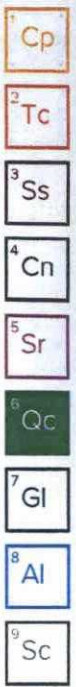
Analyte	Spike Amount SU	LCS Result SU	LCSD Result SU	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
pH	6.72	6.72	6.69	100	99.6	98.5-102			0.447	1

- Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 GI
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) 12/10/15 08:42

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Anthracene	ND		0.00600
Acenaphthene	ND		0.00600
Acenaphthylene	ND		0.00600
Benzo(a)anthracene	ND		0.00600
Benzo(a)pyrene	ND		0.00600
Benzo(b)fluoranthene	ND		0.00600
Benzo(g,h,i)perylene	ND		0.00600
Benzo(k)fluoranthene	ND		0.00600
Chrysene	ND		0.00600
Dibenz(a,h)anthracene	ND		0.00600
Fluoranthene	ND		0.00600
Fluorene	ND		0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00600
Naphthalene	ND		0.0200
Phenanthrene	ND		0.00600
Pyrene	ND		0.00600
1-Methylnaphthalene	ND		0.0200
2-Methylnaphthalene	ND		0.0200
2-Chloronaphthalene	ND		0.0200
(S) p-Terphenyl-d14	83.0		32.2-131
(S) Nitrobenzene-d5	75.4		22.1-146
(S) 2-Fluorobiphenyl	88.2		40.6-122



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 12/10/15 07:59 • (LCSD) 12/10/15 08:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0723	0.0752	90.4	94.0	50.3-130			3.89	20
Acenaphthene	0.0800	0.0681	0.0711	85.1	88.8	52.4-120			4.26	20
Acenaphthylene	0.0800	0.0696	0.0727	87.0	90.8	49.6-120			4.32	20
Benzo(a)anthracene	0.0800	0.0711	0.0738	88.9	92.3	46.7-125			3.72	20
Benzo(a)pyrene	0.0800	0.0596	0.0609	74.5	76.1	42.3-119			2.13	20
Benzo(b)fluoranthene	0.0800	0.0668	0.0632	83.4	79.0	43.6-124			5.41	20
Benzo(g,h,i)perylene	0.0800	0.0673	0.0696	84.1	87.0	45.1-132			3.34	20
Benzo(k)fluoranthene	0.0800	0.0671	0.0760	83.9	95.0	46.1-131			12.4	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 12/10/15 07:59 • (LCSD) 12/10/15 08:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chrysene	0.0800	0.0736	0.0774	92.0	96.8	49.5-131			5.05	20
Dibenz(a,h)anthracene	0.0800	0.0668	0.0687	83.5	85.9	44.8-133			2.83	20
Fluoranthene	0.0800	0.0731	0.0763	91.4	95.4	49.3-128			4.26	20
Fluorene	0.0800	0.0703	0.0729	87.9	91.1	50.6-121			3.59	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0703	0.0728	87.8	91.0	46.1-135			3.49	20
Naphthalene	0.0800	0.0638	0.0655	79.7	81.8	49.6-115			2.63	20
Phenanthrene	0.0800	0.0658	0.0678	82.3	84.7	48.8-121			2.90	20
Pyrene	0.0800	0.0749	0.0773	93.6	96.6	44.7-130			3.10	20
1-Methylnaphthalene	0.0800	0.0720	0.0744	90.0	93.0	50.6-122			3.25	20
2-Methylnaphthalene	0.0800	0.0734	0.0757	91.8	94.6	50.4-120			3.09	20
2-Chloronaphthalene	0.0800	0.0735	0.0763	91.9	95.4	53.9-121			3.74	20
(S) p-Terphenyl-d14				87.3	88.6	32.2-131				
(S) Nitrobenzene-d5				79.4	78.0	22.1-146				
(S) 2-Fluorobiphenyl				92.4	94.7	40.6-122				

- Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

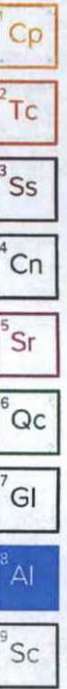
⁶ Qc

GI

⁸ AI

⁹ Sc

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.



State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

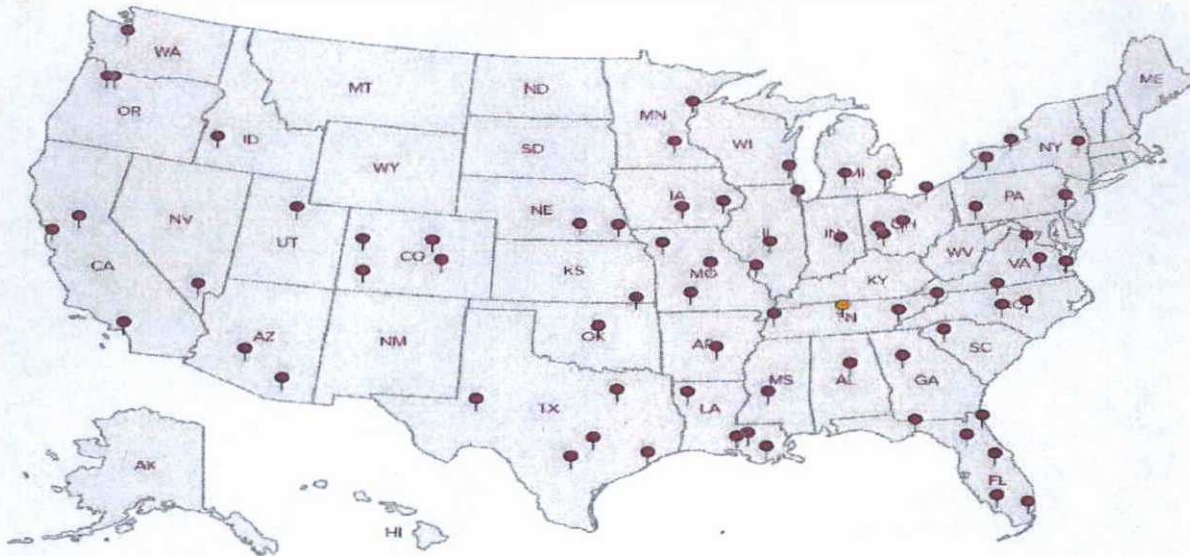
Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ¹⁴ Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Company Name/Address: **Envirotech Inc. -NM**
5796 US Highway 64
Farmington, NM 87401

Billing Information:
Accounts Payable
5796 US Highway 64
Farmington, NM 87401

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

YOUR LAB OF CHOICE

32065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: **Lynn Cook & Tim Cain**

Email To: **Lynn Cook & Tim Cain**

Project Description: **Prairie Falcon 19-29-17**

City/State Collected:

Phone: Client Project # **15090-0002**

Fax: Lab Project #

Collected by (print): **A. Parker** Site/Facility ID # **P512014** P.O. # **142780**

Collected by (signature): **[Signature]** Rush? (Lab MUST Be Notified)

Same Day200%
Next Day100%
Two Day50%
Three Day25%

Date Results Needed: **12-14-15**

Immediately Packed on Ice N ___ Y

Email? No Yes

FAX? No Yes

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Hexavalent Chromium / 4oz jar / Cool	PAH Sim by 8270 / 4oz jar / Cool	* See Quote ENVIROFAM10091551 *										
Bin Composite		SS		12/4/15	16:15	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											01
Background		SS		12/4/15	16:30	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											02

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____

Flow _____ Other _____

Hold # **630937377960**

Remarks:

Relinquished by: (Signature) [Signature]	Date: 12-07-15	Time: 14:15	Received by: (Signature) [Signature]	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> _____	Condition: (lab use only) 5-27 OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C 3.1 Bottles Received: 24oz	COC Seal Intact: Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [Signature]	Date: 12/8/15 Time: 09:00	pH Checked: NCF:

Department Of Interior- Bureau of Land Management -Tres Rios Field Office -SUNDRY 12/23/15

Well Name/Number: Prairie Falcon 19-29-17 **Operator: Bc. Resc.** **Surface/Mineral Ownership: IND/IND (UMU)**

Leases: ###

Location: (STR, QQ) S19, T31N, R14W, ###' FNL, ###' FEL,

API: 050670-

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

NEPA DOCUMENT TYPE/I.D.: EA / DOI-BLM-CO-SO10-##

REQUIREMENTS AT ALL SITES:

NOTIFICATION:

- **The BLM Minerals Division - Surface Protection Specialist at (970) 385-1242 shall be notified 5 days prior to the onset of pad/road construction.**
- **The BLM Minerals Division - Physical Scientist/Natural Resources Specialist (970) 385-1242 and the BIA-UMU Agency Realty (970) 565-3716 shall be notified at least 48 hours prior to commencement of drilling or completion activities.**
- **NO SURFACE DISTURBANCE shall begin until the Edge of Disturbance Corners and Midline markers of the permitted area have been re-established and are clearly marked.**

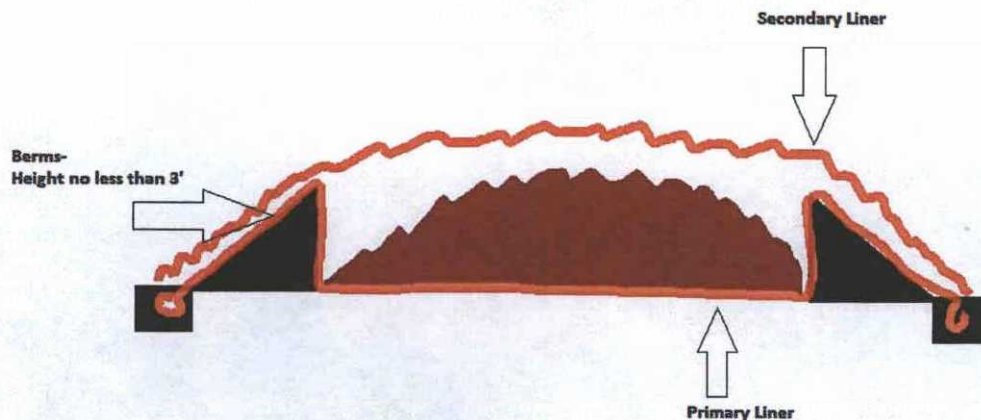
GENERAL REQUIREMENTS:

- **Any cement wash or other fluids should not be mixed with dry cuttings, but placed in a self-contained tank, surrounded by a lined containment dike of 110% of contained volumes for storage and removed for disposal at an approved location off-reservation.**
- **Polymer additives, Gel fluids, Saline Frac fluids or other non-fresh water based fluids stored on site to facilitate horizontal drilling/frac operations/ completion should have 110-125% containment facilities covered by 35 mil minimum thickness impermeable barrier surrounding and beneath storage tanks to protect against potential spills.**

- **Any free liquid accumulating from all earthen lined containment systems should be vacuumed off to insure a minimum of 2ft. of freeboard on all tanks and pits consistently; the contents shall then be transported/disposed-of at an approved facility.**
- **All stormwater mitigations will be in accordance with BLM gold book BMP construction and installation standards and practices.**

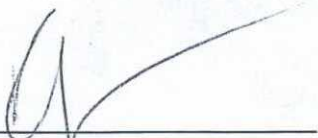
AT THIS PROJECT SPECIFICALLY: Sundry Dated 12/23/2015

- 1. Mixing pads will not be allowed to contain cuttings for more than 14 days.**
- 2. Mixing pads will employ liners for no less than 20 mil thickness for primary liner.**
- 3. If rips, tares, holes, or abrasion occurs on liners, operator will be required to fix immediately upon discovery, and contact the BLM at 970.285.1242.**
- 4. Berm height should be no less than 3' in height.**
- 5. Regardless of weather, cuttings will be covered every day they are on location with a liner that encompasses the entire mixing pad, including the berms.**

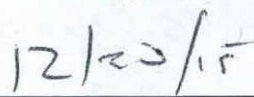


6. Permanent metal T-posts will be installed at the corners of the burial trenches to denote the presence of loosely compacted soils.

7. Operator will submit diagrams showing dimensions of the final burial trenches (L,W, H).



Ryan N. Joyner
Physical Scientist/ Natural Resource Specialist
BLM-Minerals Division



Date: 12/30/2015