

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



Rem: 8508

Facility: 116635

Facility: 313124

Document #: 2210813

Date: 01/04/2016

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

OGCC Employee:

☐ Spill☐ Complaint☐ Inspection☐ NOAV

Tracking No:

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☒ Site/Facility Closure ☐ Other (describe): _____

OGCC Operator Number: 95960

Name of Operator: Wexpro Company

Address: PO Box 458

City: Rock Springs State: WY Zip: 82902

Contact Name and Telephone:

April Stegall

No: 307.352.7561

Fax: 307.352.7583

API Number: 05-081-07013

County: Moffat

Facility Name: Chapman State 2

Facility Number: 116635

Well Name: Chapman State

Well Number: 2

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SESW-16-11N-97W Latitude: 40.907709 Longitude: -108.298956

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.): Produced Water

Site Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☒ N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Rangeland, Non-crop land

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Tresano- Hiatha- Kandalay

Potential receptors (water wells within 1/4 mi, surface waters, etc.): 122' from natural drainage

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):



Soils

Extent of Impact:

Minimal

How Determined:

Soil Analysis



Vegetation



Groundwater



Surface Water

None

Visual

REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

Reference Remediation #8508. Wexpro requests closure of facility #116635.

Describe how source is to be removed:

N/A

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

As requested by Kris Neidel via email on 8.25.15 additional berm samples were taken and tested for BTEX and GRO/DRO.



REMEDIAL WORKPLAN (Cont.)

Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: 11/24/15
Well Name & No: Chapman State 2
Facility Name & No: San 8508, pit 116635

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

N/A

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

Depth of pit is approximately 6 feet from bottom to top of berm. Berm material will be knocked into pit and approximately 3 feet+ of soil will be hauled in from a commercial source and will be backfilled over the pit and re-contoured. Reseeding will take place after well pad is completely re-contoured.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

See attached soil analysis of berm samples. Wexpro requests approval to proceed with the closure of facility 116635.

Final disposition of E&P waste (landfilled and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 5/31/2014 Date Site Investigation Completed: 7/2/2014 Date Remediation Plan Submitted: _____
Remediation Start Date: _____ Anticipated Completion Date: Spring 2016 Actual Completion Date: TBD

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: April Stegall

Signed: April Stegall

Title: Reclamation Agent

Date: 12/14/2015

OGCC Approved: Jim Seidner

Title: EPS

Date: 1/4/16

Based on information provided, remediation # 8508, it appears that no further action is required. Should conditions at the site indicate contaminant concentrations in soils exceed COGCC standards, further investigation and/or remediation may be required at the site.

Additional Berm Samples that were requested
by Kris Neidel on 8/25/15 via email.

Date: October 26, 2015
Request Number: 34632R
Date Received: 9/9/15
Matrix: Soil

Tammy Fredrickson
Wexpro
PO Box 458
Rock Springs, WY 82901

REPORT OF ANALYSIS

Project: Chapman State #2

Lab Number	P7078	P7079	P7080	Units	Method	Date Analyzed	Analyst
Sample ID	#2 Offsite Sample 1 9/8/15 11:02 am	#2 Offsite Sample 2 9/8/15 11:03 am	#2 Offsite Sample 3 9/8/15 11:04 am	mg/kg	SW846 8015	9/23/2015	LG
Diesel Range Organics	< 2.0	< 2.0	< 2.0				

Extracted 9/21/15

Quality Control	Expected	Analyzed	% Recovery
Check Standard	3,750	4,095	109

End of Report
MLE/tab

Marty Ellis

Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC.

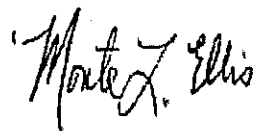
1660 Harrison St. Wallaramie@wal-lab.com (307) 742-7995
Laramie, WY 82070 Fax: (307) 721-8956

Tammy Fredrickson
Wexpro
PO Box 458
Rock Springs, WY 82901

Date: October 26, 2015
Request Number: 34632R
Date Received: 9/9/15
Matrix: Soil

GRO & BTEX analyzed by TestAmerica Labs in Nashville TN. The following pages apply to the samples listed below.

WAL Lab Number	TestAmerica Lab Number	Customer Sample ID
P7078	490-90056-1	#2 Offsite Sample 1 9/8/15 11:02 am
P7079	490-90056-2	#2 Offsite Sample 2 9/8/15 11:03 am
P7080	490-90056-3	#2 Offsite Sample 3 9/8/15 11:04 am



Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC.

1660 Harrison St.
Laramie, WY 82070

Wallaramie@wal-lab.com

(307) 742-7995
Fax: (307) 721-8956

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-90056-1
Client Project/Site: 34632-56-13

For:
Wyoming Analytical Laboratories Inc
1660 Harrison St
Laramie, Wyoming 82070

Attn: Monte Ellis

Roxanne L Connor

Authorized for release by:
10/26/2015 2:02:35 PM

Roxanne Connor, Senior Project Manager
(615)301-5761
roxanne.connor@testamericainc.com

LINKS

Review your project
results through
Total Access

Have a Question?

? **Ask
The
Expert**

Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client Sample Results

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Client Sample ID: P7078

Lab Sample ID: 490-90056-1

Date Collected: 09/21/15 00:00

Matrix: Solid

Date Received: 10/21/15 10:41

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C8-C10	ND	H	9410		ug/L		10/21/15 12:14	10/22/15 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
m,p,p'-Trifluorotoluene	64		50 - 150				10/21/15 12:14	10/22/15 19:01	1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND	H	0.0941		mg/Kg		10/21/15 12:14	10/22/15 19:01	1
Toluene	ND	H	0.0941		mg/Kg		10/21/15 12:14	10/22/15 19:01	1
Xylenes, Total	ND	H	0.282		mg/Kg		10/21/15 12:14	10/22/15 19:01	1
Benzene	ND	H	0.0941		mg/Kg		10/21/15 12:14	10/22/15 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
m,p,p'-Trifluorotoluene	94		50 - 150				10/21/15 12:14	10/22/15 19:01	1

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TestAmerica Nashville

10/26/2015

Client Sample Results

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Client Sample ID: P7079

Lab Sample ID: 490-90056-2

Date Collected: 09/21/15 00:00

Matrix: Solid

Date Received: 10/21/15 10:41

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND	H	11600		ug/L		10/21/15 12:14	10/22/15 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	62		50 - 150				10/21/15 12:14	10/22/15 18:31	1

6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND	H	0.116		mg/Kg		10/21/15 12:14	10/22/15 18:31	1
Toluene	ND	H	0.116		mg/Kg		10/21/15 12:14	10/22/15 18:31	1
Xylenes, Total	ND	H	0.349		mg/Kg		10/21/15 12:14	10/22/15 18:31	1
Benzene	ND	H	0.116		mg/Kg		10/21/15 12:14	10/22/15 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	90		50 - 150				10/21/15 12:14	10/22/15 18:31	1

TestAmerica Nashville

10/26/2015

Client Sample Results

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34532-56-13

TestAmerica Job ID: 490-90056-1

Client Sample ID: P7080

Lab Sample ID: 490-90056-3

Date Collected: 09/21/15 00:00

Matrix: Solid

Date Received: 10/21/15 10:41

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND	H	12800		ug/L	-	10/21/15 12:14	10/22/15 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	65		50 - 150				10/21/15 12:14	10/22/15 17:33	1

6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND	H	0.126		mg/Kg	-	10/21/15 12:14	10/22/15 17:33	1
Toluene	ND	H	0.126		mg/Kg	-	10/21/15 12:14	10/22/15 17:33	1
Xylenes, Total	ND	H	0.377		mg/Kg	-	10/21/15 12:14	10/22/15 17:33	1
Benzene	ND	H	0.126		mg/Kg	-	10/21/15 12:14	10/22/15 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	98		50 - 150				10/21/15 12:14	10/22/15 17:33	1

TestAmerica Nashville

10/26/2015

QC Sample Results

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: LCS 490-291596/2-A

Matrix: Solid

Analysis Batch: 292191

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 291596

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
C6-C10	10000	8507		ug/L	-	85	70 - 130

Surrogate	%Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	85		50 - 150

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Lab Sample ID: LCSD 490-291596/3-A

Matrix: Solid

Analysis Batch: 292191

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 291596

%Rec.

RPD

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
C6-C10	10000	7441		ug/L	-	74	70 - 130	13	21

Surrogate	%Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	76		50 - 150

Lab Sample ID: MB 490-292094/1-A

Matrix: Solid

Analysis Batch: 292191

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 292094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5000		ug/L	-	10/22/15 13:50	10/22/15 14:11	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	63		50 - 150	10/22/15 13:50	10/22/15 14:11	1

Lab Sample ID: MB 490-292290/7

Matrix: Solid

Analysis Batch: 292290

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		5000		ug/L	-		10/23/15 10:51	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	67		50 - 150		10/23/15 10:51	1

Lab Sample ID: LCS 490-292290/6

Matrix: Solid

Analysis Batch: 292290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
C6-C10	10000	8136		ug/L	-	81	70 - 130

Surrogate	%Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	85		50 - 150

TestAmerica Nashville

10/26/2015

QC Sample Results

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 490-291990/5

Matrix: Solid

Analysis Batch: 291990

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09904		mg/Kg		99	77 - 120
Toluene	0.100	0.09669		mg/Kg		97	79 - 120
Xylenes, Total	0.300	0.2995		mg/Kg		100	79 - 120
Benzene	0.100	0.1027		mg/Kg		103	76 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	92		50 - 150

Lab Sample ID: LCSD 490-291990/12

Matrix: Solid

Analysis Batch: 291990

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.08743		mg/Kg		87	77 - 120	12	49
Toluene	0.100	0.08710		mg/Kg		87	79 - 120	10	37
Xylenes, Total	0.300	0.2682		mg/Kg		89	79 - 120	11	46
Benzene	0.100	0.09360		mg/Kg		94	76 - 120	9	27

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	99		50 - 150

Lab Sample ID: MB 490-292094/1-A

Matrix: Solid

Analysis Batch: 291990

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 292094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.0500		mg/Kg		10/22/15 13:50	10/22/15 14:11	1
Toluene	ND		0.0500		mg/Kg		10/22/15 13:50	10/22/15 14:11	1
Xylenes, Total	ND		0.150		mg/Kg		10/22/15 13:50	10/22/15 14:11	1
Benzene	ND		0.0500		mg/Kg		10/22/15 13:50	10/22/15 14:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	87		50 - 150	10/22/15 13:50	10/22/15 14:11	1

TestAmerica Nashville

10/26/2015

Definitions/Glossary

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
#	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Nashville

10/26/2015

Certification Summary

Client: Wyoming Analytical Laboratories Inc
Project/Site: 34632-56-13

TestAmerica Job ID: 490-90056-1

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-16
Arkansas DEQ	State Program	6	88-0737	04-25-16
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200010	12-09-15 *
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	10-31-15 *
Kentucky (UST)	State Program	4	19	06-30-16
Kentucky (WW)	State Program	4	90038	12-31-15
Louisiana	NELAP	6	30613	06-30-16
Maryland	State Program	3	316	03-31-16
Massachusetts	State Program	1	M-TN032	06-30-16
Minnesota	NELAP	5	047-999-345	12-31-15
Mississippi	State Program	4	N/A	06-30-16
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-16
New Hampshire	NELAP	1	2963	10-09-16
New Jersey	NELAP	2	TN965	10-30-15 *
New York	NELAP	2	11342	03-31-16
North Carolina (WW/SW)	State Program	4	387	12-31-15
North Dakota	State Program	8	R-146	06-30-15 *
Ohio VAP	State Program	5	CL0033	07-10-17
Oklahoma	State Program	6	9412	08-31-16
Oregon	NELAP	10	TN200001	04-27-16
Pennsylvania	NELAP	3	68-00585	06-30-16
Rhode Island	State Program	1	LA000268	12-30-15
South Carolina	State Program	4	84009 (001)	02-28-16
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-15-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-16
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-16
Virginia	NELAP	3	460152	06-14-16
Washington	State Program	10	C789	07-19-16
West Virginia DEP	State Program	3	219	02-28-16
Wisconsin	State Program	5	998020430	08-31-16
Wyoming (UST)	A2LA	8	453.07	12-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Nashville

10/26/2015

Tammy Fredrickson
Wexpro
PO Box 458
Rock Springs, WY 82901

Date: July 14, 2014
Request Number: 33005
Date Received: 7-2-14
Matrix: Soil

REPORT OF ANALYSIS

Lab Number: P2151

Sample ID: **Berm Ace #1 7-1-14 0912**

	Result	Units	Method	Date Analyzed	Analyst
pH	7.85	std. units	USDA 60-2,3/150.1	7/9/2014	DA
Calcium	630*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Magnesium	178*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Sodium	833*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Sodium Absorption Ratio	7.55	Ratio	Calculated	7/10/2014	CB

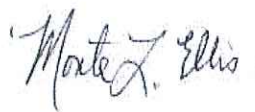
Lab Number: P2152

Sample ID: **Berm Chapman #2 7-1-14 1510**

	Result	Units	Method	Date Analyzed	Analyst
pH	7.67	std. units	USDA 60-2,3/150.1	7/9/2014	DA
Calcium	258*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Magnesium	17.3*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Sodium	84.1*	mg/L	USDA 60-2,3/6010	7/10/2014	CB
Sodium Absorption Ratio	1.37	Ratio	Calculated	7/10/2014	CB

*Results are the average of 2 runs

End of Report
MLE/tab



Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC.

1660 Harrison St.
Laramie, WY 82070

Wallaramie@wal-lab.com

(307) 742-7995
Fax: (307) 721-8956

Tammy Fredrickson
Wexpro
PO Box 458
Rock Springs, WY 82901

Date: July 14, 2014
Request Number: 33005
Date Received: 7-2-14
Matrix: Soil

QUALITY CONTROL

	Lab Number	Result	Duplicate	RPD	RPD limit	LCS %	LCS Range %
Calcium	P2152	626	634	1.27	50	104	65-125
Magnesium	P2152	177	179	1.12	50	106	65-125
Sodium	P2152	828	837	1.08	50	101	65-125

	Reference	Expected	Value	% Recovery
pH	QC WAL 9.18	9.18	9.16	100

End of QC Report
MLE/tab

Marte Z. Ellis

Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC.

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