

April Stegall  
Dominion Energy Wexpro  
PO Box 458  
Rock Springs, WY 82901

Date: June 5, 2018  
Request Number: 37314R  
Date Received: 5/15/18  
Matrix: Soil

**REVISED  
REPORT OF ANALYSIS**

Lab Number: R3822

Sample ID: BW Musser 5, Sample #1 449148 5/15/18 10:15

	Result	Units	Method	Date Analyzed	Analyst
Nickel	7.71	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Copper	47.7	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Zinc	129	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Arsenic	1.09	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Selenium	0.34	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Silver	11.1	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Cadmium	0.650	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Barium	0.151	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Mercury	0.772	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Lead	49.9	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Total Chromium	11.4	mg/kg	SW846 EPA 3051/6020	6/1/2018	MLE
Chromium (VI)	0.18	mg/kg	EPA 7196A	6/1/2018	CB
Chromium (III)	11.2	mg/kg	Calculated (ttl.Cr-CrVI)	6/5/2018	TB
Soluble, Boron	0.10	mg/L	Hot water ext./6010	5/23/2018	CB
pH	7.40	std. units	USDA 60-2,3/150.1	5/23/2018	CB
Conductivity	650	µmhos/cm	USDA 60-2,3/120.1	5/23/2018	CB
Calcium	127	mg/L	USDA 60-2,3/6010	5/23/2018	CB
Magnesium	17.8	mg/L	USDA 60-2,3/6010	5/23/2018	CB
Sodium	129	mg/L	USDA 60-2,3/6010	5/23/2018	CB
Sodium Absorption Ratio	2.84	Ratio	Calculated	5/23/2018	TB

BTEX, GRO, DRO & PAH Analyzed by ALS Lab in Fort Collins Colorado. See attached Report.  
ALS Lab Sample ID 1805415-1

REVISED 6/6/18/; Corrected Barium numbers.

End of Report  
MLE/tab



Laboratory Manager



## WYOMING ANALYTICAL LABORATORIES, INC

1660 Harrison Street  
Laramie, WY 82070

www.wal-lab.com  
laramie@wal-lab.com

ph: 307-742-7995  
fax: 307-721-8956

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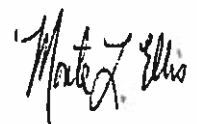
**REVISED  
QUALITY CONTROL**

	Reference	Expected	Value	% Recovery
Conductivity	QCI-027-12	756	743	98
pH	iv-6.03 pH QC	6.03	6.19	103
Chromium VI	Hach QC	0.50	0.54	108
Nickel	LRAA 1722	0.127	0.136	107
Copper	LRAA 1722	0.258	0.263	102
Zinc	LRAA 1722	0.173	0.158	91
Arsenic	LRAA 1722	0.161	0.118	73
Selenium	LRAA 1722	0.305	0.296	97
Silver	LRAA 1722	0.058	0.051	88
Cadmium	LRAA 1722	0.190	0.187	98
Barium	ESI QC	20.0	20.5	103
Mercury	LRAA 1722	0.016	0.016	100
Lead	LRAA 1722	0.138	0.140	101
Soluble Boron	ESI QC	1.0	1.09	109
Total Chromium	ERA QC P1488	0.187	0.162	87
Calcium	ESI QC	20.0	20.3	102
Magnesium	ESI QC	50.0	51.3	103
Sodium	ESI QC	50.0	50.2	100

BTEX, GRO, DRO & PAH Analyzed by ALS Lab in Fort Collins Colorado. See attached Report.  
ALS Lab Sample ID 1805415-1

**REVISED 6/6/18; Corrected Barium numbers and ALS lab numbers.**

End of QC Report  
MLE/tab



Laboratory Manager



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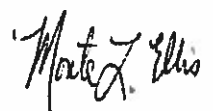
Date: June 5, 2018  
Request Number: 37314R  
Date Received: 5/15/18  
Matrix: Soil

BTEX, GRO, DRO & PAH Analyzed by ALS Lab in Fort Collins Colorado.  
The following pages apply to the samples listed below.

WAL Lab Number	ALS Lab Number	Dominion Sample ID
R3820	1805415-3	Sugar State 1, Sample #1 100281 5/15/18 12:47
R3822	1805415-5	BW Musser 5, Sample #1 449148 5/15/18 10:15
R3823	1805415-6	BW Musser 5, Sample #2 449148 5/15/18 10:30
R3824	1805415-7	BW Musser 5, Sample #3 449148 5/15/18 10:45

BTEX, GRO, & DRO Analyzed by ALS Lab in Fort Collins Colorado.  
The following pages apply to the samples listed below.

WAL Lab Number	ALS Lab Number	Dominion Sample ID
R3818	1805415-1	Sugar State 1, Sample #1 116630 5/15/18 1:40
R3819	1805415-2	Sugar State 1, Sample #2 116630 5/15/18 1:51
R3821	1805415-4	Sugar State 1, Sample #2 100281 5/15/18 1:04



Monte L. Ellis  
Laboratory Manager



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Tuesday, June 05, 2018

Monte Ellis  
Wyoming Analytical Laboratories, Inc.  
1660 Harrison St.  
Laramie, WY 82070

Re: ALS Workorder: 1805415  
Project Name:  
Project Number: 37314R

Dear Mr. Ellis:

Seven soil samples were received from Wyoming Analytical Laboratories, Inc., on 5/18/2018. The samples were scheduled for the following analyses:

GC/MS Semivolatiles

GC/MS Volatiles

Total Extractable Petroleum Hydrocarbons (Diesel)

The results for these analyses are contained in the enclosed reports.

This report was originally submitted on June 1, 2018.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental  
Katie M. O'Brien  
Project Manager

ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
AIHA	214884
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Connecticut (CT)	PH-0232
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
L-A-B (DoD ELAP/ISO 170250)	L2257
Louisiana (LA)	05057
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280



**1805415**

**GC/MS Volatiles:**

The samples were analyzed using GC/MS following the current revision of SOP 525 based on SW-846 Method 8260C. The samples were also analyzed for Gasoline Range Organics (GRO).

All acceptance criteria were met.

**GC/MS Semivolatiles:**

The samples were analyzed using GC/MS following the current revision of SOP 506 based on SW-846 Method 8270D.

All acceptance criteria were met.

**DRO:**

The samples were analyzed following the current revision of SOP 406 generally based on SW-846 Methods 8000C and 8015D. TEPH is a multicomponent mixture and is quantitated by summing the entire carbon range, rather than individual peaks. The carbon range integrated in this test extends from C10 to C28.

All acceptance criteria were met.

**ALS -- Fort Collins**
**SAMPLE SUMMARY REPORT**

**Client:** Wyoming Analytical Laboratories, Inc.  
**Project:** 37314R  
**Sample ID:** R3818  
**Legal Location:**  
**Collection Date:** 5/15/2018 13:40

**Date:** 05-Jun-18  
**Work Order:** 1805415  
**Lab ID:** 1805415-1  
**Matrix:** SOIL  
**Percent Moisture:** 11.0

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>		<b>Prep Date: 5/23/2018</b>	<b>PrepBy: LML</b>
Diesel Range Organics	4		5.6	MG/KG	1	5/24/2018 10:49
Surr: O-TERPHENYL	87		49-114	%REC	1	5/24/2018 10:49
<b>GC/MS Volatiles</b>			<b>SW8260</b>		<b>Prep Date: 5/21/2018</b>	<b>PrepBy: JXK</b>
BENZENE	ND		5.6	UG/KG	1	5/21/2018 14:03
TOLUENE	ND		5.6	UG/KG	1	5/21/2018 14:03
ETHYLBENZENE	ND		5.6	UG/KG	1	5/21/2018 14:03
M+P-XYLENE	7.2		5.6	UG/KG	1	5/21/2018 14:03
O-XYLENE	ND		5.6	UG/KG	1	5/21/2018 14:03
TOTAL XYLENES	7.2		5	UG/KG	1	5/21/2018 14:03
Surr: DIBROMOFLUOROMETHANE	110		81-134	%REC	1	5/21/2018 14:03
Surr: TOLUENE-D8	99		57-135	%REC	1	5/21/2018 14:03
Surr: 4-BROMOFLUOROBENZENE	99		52-151	%REC	1	5/21/2018 14:03
GASOLINE RANGE ORGANICS	ND		560	UG/KG	1	5/21/2018 14:03

## ALS -- Fort Collins

## SAMPLE SUMMARY REPORT

Client: Wyoming Analytical Laboratories, Inc.  
Project: 37314R  
Sample ID: R3819  
Legal Location:  
Collection Date: 5/15/2018 13:51

Date: 05-Jun-18  
Work Order: 1805415  
Lab ID: 1805415-2  
Matrix: SOIL  
Percent Moisture: 9.2

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diesel Range Organics			SW8015M		Prep Date: 5/23/2018	PrepBy: LML
Diesel Range Organics	13	H	5.5	MG/KG	1	5/24/2018 11:11
Surr: O-TERPHENYL	91		49-114	%REC	1	5/24/2018 11:11
GC/MS Volatiles			SW8260		Prep Date: 5/21/2018	PrepBy: JXK
BENZENE	ND		5.5	UG/KG	1	5/21/2018 14:27
TOLUENE	ND		5.5	UG/KG	1	5/21/2018 14:27
ETHYLBENZENE	ND		5.5	UG/KG	1	5/21/2018 14:27
M+P-XYLENE	7		5.5	UG/KG	1	5/21/2018 14:27
O-XYLENE	ND		5.5	UG/KG	1	5/21/2018 14:27
TOTAL XYLENES	7		5	UG/KG	1	5/21/2018 14:27
Surr: DIBROMOFLUOROMETHANE	115		61-134	%REC	1	5/21/2018 14:27
Surr: TOLUENE-D8	95		57-135	%REC	1	5/21/2018 14:27
Surr: 4-BROMOFLUOROBENZENE	100		52-151	%REC	1	5/21/2018 14:27
GASOLINE RANGE ORGANICS	ND		550	UG/KG	1	5/21/2018 14:27



## ALS -- Fort Collins

## SAMPLE SUMMARY REPORT

Client: Wyoming Analytical Laboratories, Inc.

Date: 05-Jun-18

Project: 37314R

Work Order: 1805415

Sample ID: R3820

Lab ID: 1805415-3

Legal Location:

Matrix: SOIL

Collection Date: 5/15/2018 12:47

Percent Moisture: 17.6

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>		<b>Prep Date: 5/23/2018</b>	<b>PrepBy: LML</b>
Diesel Range Organics	500	H	30	MG/KG	5	5/24/2018 09:44
Surr: O-TERPHENYL	92		49-114	%REC	5	5/24/2018 09:44
<b>GC/MS Semi-volatiles</b>			<b>SW8270</b>		<b>Prep Date: 5/29/2018</b>	<b>PrepBy: JMD</b>
NAPHTHALENE	3200		390	UG/KG	1	5/31/2018 06:34
2-METHYLNAPHTHALENE	5100		790	UG/KG	2	5/31/2018 08:55
ACENAPHTHYLENE	ND		390	UG/KG	1	5/31/2018 06:34
ACENAPHTHENE	ND		390	UG/KG	1	5/31/2018 06:34
FLUORENE	ND		390	UG/KG	1	5/31/2018 06:34
PHENANTHRENE	ND		390	UG/KG	1	5/31/2018 06:34
ANTHRACENE	ND		390	UG/KG	1	5/31/2018 06:34
FLUORANTHENE	ND		390	UG/KG	1	5/31/2018 06:34
PYRENE	ND		390	UG/KG	1	5/31/2018 06:34
BENZO(A)ANTHRACENE	ND		390	UG/KG	1	5/31/2018 06:34
CHRYSENE	ND		390	UG/KG	1	5/31/2018 06:34
BENZO(B)FLUORANTHENE	ND		390	UG/KG	1	5/31/2018 06:34
BENZO(K)FLUORANTHENE	ND		390	UG/KG	1	5/31/2018 06:34
BENZO(A)PYRENE	ND		390	UG/KG	1	5/31/2018 06:34
INDENO(1,2,3-CD)PYRENE	ND		390	UG/KG	1	5/31/2018 06:34
DIBENZO(A,H)ANTHRACENE	ND		390	UG/KG	1	5/31/2018 06:34
BENZO(G,H,I)PERYLENE	ND		390	UG/KG	1	5/31/2018 06:34
Surr: NITROBENZENE-D5	68		32-110	%REC	1	5/31/2018 06:34
Surr: NITROBENZENE-D5	85		32-110	%REC	2	5/31/2018 08:55
Surr: 2-FLUOROBIPHENYL	74		41-111	%REC	1	5/31/2018 06:34
Surr: 2-FLUOROBIPHENYL	76		41-111	%REC	2	5/31/2018 08:55
Surr: TERPHENYL-D14	77		23-159	%REC	2	5/31/2018 08:55
Surr: TERPHENYL-D14	81		23-159	%REC	1	5/31/2018 06:34
<b>GC/MS Volatiles</b>			<b>SW8260</b>		<b>Prep Date: 5/21/2018</b>	<b>PrepBy: JXK</b>
BENZENE	ND		300	UG/KG	50	5/21/2018 16:09
TOLUENE	600		300	UG/KG	50	5/21/2018 16:09
ETHYLBENZENE	7500		300	UG/KG	50	5/21/2018 16:09
M+P-XYLENE	13000		300	UG/KG	50	5/21/2018 16:09
O-XYLENE	ND		300	UG/KG	50	5/21/2018 16:09
TOTAL XYLENES	13000		5	UG/KG	1	5/21/2018 16:09
Surr: DIBROMOFLUOROMETHANE	105		61-134	%REC	50	5/21/2018 16:09
Surr: TOLUENE-D8	96		57-135	%REC	50	5/21/2018 16:09
Surr: 4-BROMOFLUOROBENZENE	104		52-151	%REC	50	5/21/2018 16:09
GASOLINE RANGE ORGANICS	460000		30000	UG/KG	50	5/21/2018 16:09

**ALS -- Fort Collins**
**SAMPLE SUMMARY REPORT**
**Client:** Wyoming Analytical Laboratories, Inc.

**Date:** 05-Jun-18

**Project:** 37314R

**Work Order:** 1805415

**Sample ID:** R3821

**Lab ID:** 1805415-4

**Legal Location:**
**Matrix:** SOIL

**Collection Date:** 5/15/2018 13:04

**Percent Moisture:** 19.7

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>			
Diesel Range Organics	730	H	30	MG/KG	5	5/24/2018 10:06
Surr: O-TERPHENYL	91		49-114	%REC	5	5/24/2018 10:06
<b>GC/MS Volatiles</b>			<b>SW8260</b>			
BENZENE	2200		310	UG/KG	50	5/21/2018 16:34
TOLUENE	ND		310	UG/KG	50	5/21/2018 16:34
ETHYLBENZENE	17000		3100	UG/KG	500	5/21/2018 17:53
M+P-XYLENE	31000		3100	UG/KG	500	5/21/2018 17:53
O-XYLENE	ND		310	UG/KG	50	5/21/2018 16:34
TOTAL XYLENES	31000		5	UG/KG	1	5/21/2018 16:34
Surr: DIBROMOFLUOROMETHANE	107		61-134	%REC	500	5/21/2018 17:53
Surr: DIBROMOFLUOROMETHANE	108		61-134	%REC	50	5/21/2018 16:34
Surr: TOLUENE-D8	97		57-135	%REC	500	5/21/2018 17:53
Surr: TOLUENE-D8	95		57-135	%REC	50	5/21/2018 16:34
Surr: 4-BROMOFLUOROBENZENE	107		52-151	%REC	500	5/21/2018 17:53
Surr: 4-BROMOFLUOROBENZENE	103		52-151	%REC	50	5/21/2018 16:34
<b>GASOLINE RANGE ORGANICS</b>	1000000		310000	UG/KG	500	5/21/2018 17:53

## ALS – Fort Collins

## SAMPLE SUMMARY REPORT

Client: Wyoming Analytical Laboratories, Inc.  
 Project: 37314R  
 Sample ID: R3822  
 Legal Location:  
 Collection Date: 5/15/2018 10:15

Date: 05-Jun-18  
 Work Order: 1805415  
 Lab ID: 1805415-5  
 Matrix: SOIL  
 Percent Moisture: 11.8

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>		<b>Prep Date: 5/23/2018</b>	<b>PrepBy: LML</b>
Diesel Range Organics	97	H	5.6	MG/KG	1	5/24/2018 11:33
Surr: O-TERPHENYL	87		49-114	%REC	1	5/24/2018 11:33
<b>GC/MS Semi-volatiles</b>			<b>SW8270</b>		<b>Prep Date: 5/29/2018</b>	<b>PrepBy: JMD</b>
NAPHTHALENE	ND		380	UG/KG	1	5/31/2018 07:21
2-METHYLNAPHTHALENE	ND		380	UG/KG	1	5/31/2018 07:21
ACENAPHTHYLENE	ND		380	UG/KG	1	5/31/2018 07:21
ACENAPHTHENE	ND		380	UG/KG	1	5/31/2018 07:21
FLUORENE	ND		380	UG/KG	1	5/31/2018 07:21
PHENANTHRENE	ND		380	UG/KG	1	5/31/2018 07:21
ANTHRACENE	ND		380	UG/KG	1	5/31/2018 07:21
FLUORANTHENE	ND		380	UG/KG	1	5/31/2018 07:21
PYRENE	ND		380	UG/KG	1	5/31/2018 07:21
BENZO(A)ANTHRACENE	ND		380	UG/KG	1	5/31/2018 07:21
CHRYSENE	ND		380	UG/KG	1	5/31/2018 07:21
BENZO(B)FLUORANTHENE	ND		380	UG/KG	1	5/31/2018 07:21
BENZO(K)FLUORANTHENE	ND		380	UG/KG	1	5/31/2018 07:21
BENZO(A)PYRENE	ND		380	UG/KG	1	5/31/2018 07:21
INDENO(1,2,3-CD)PYRENE	ND		380	UG/KG	1	5/31/2018 07:21
DIBENZO(A,H)ANTHRACENE	ND		380	UG/KG	1	5/31/2018 07:21
BENZO(G,H,I)PERYLENE	ND		380	UG/KG	1	5/31/2018 07:21
Surr: NITROBENZENE-D5	70		32-110	%REC	1	5/31/2018 07:21
Surr: 2-FLUOROBIPHENYL	75		41-111	%REC	1	5/31/2018 07:21
Surr: TERPHENYL-D14	74		23-159	%REC	1	5/31/2018 07:21
<b>GC/MS Volatiles</b>			<b>SW8260</b>		<b>Prep Date: 5/21/2018</b>	<b>PrepBy: JXK</b>
BENZENE	ND		5.6	UG/KG	1	5/21/2018 14:53
TOLUENE	ND		5.6	UG/KG	1	5/21/2018 14:53
ETHYLBENZENE	ND		5.6	UG/KG	1	5/21/2018 14:53
M+P-XYLENE	ND		5.6	UG/KG	1	5/21/2018 14:53
O-XYLENE	ND		5.6	UG/KG	1	5/21/2018 14:53
TOTAL XYLENES	ND		5	UG/KG	1	5/21/2018 14:53
Surr: DIBROMOFLUOROMETHANE	112		61-134	%REC	1	5/21/2018 14:53
Surr: TOLUENE-D8	96		57-135	%REC	1	5/21/2018 14:53
Surr: 4-BROMOFLUOROBENZENE	102		52-151	%REC	1	5/21/2018 14:53
GASOLINE RANGE ORGANICS	ND		560	UG/KG	1	5/21/2018 14:53

## ALS -- Fort Collins

## SAMPLE SUMMARY REPORT

Client: Wyoming Analytical Laboratories, Inc.  
 Project: 37314R  
 Sample ID: R3823  
 Legal Location:  
 Collection Date: 5/18/2018 10:30

Date: 05-Jun-18  
 Work Order: 1805415  
 Lab ID: 1805415-6  
 Matrix: SOIL  
 Percent Moisture: 12.0

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>		Prep Date: 5/23/2018	PrepBy: LML
Diesel Range Organics	350	HM	28	MG/KG	5	5/24/2018 10:27
Surr: O-TERPHENYL	90		49-114	%REC	5	5/24/2018 10:27
<b>GC/MS Semi-volatiles</b>			<b>SW8270</b>		Prep Date: 5/29/2018	PrepBy: JMD
NAPHTHALENE	ND		370	UG/KG	1	5/31/2018 07:44
2-METHYLNAPHTHALENE	820		370	UG/KG	1	5/31/2018 07:44
ACENAPHTHYLENE	ND		370	UG/KG	1	5/31/2018 07:44
ACENAPHTHENE	ND		370	UG/KG	1	5/31/2018 07:44
FLUORENE	ND		370	UG/KG	1	5/31/2018 07:44
PHENANTHRENE	ND		370	UG/KG	1	5/31/2018 07:44
ANTHRACENE	ND		370	UG/KG	1	5/31/2018 07:44
FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 07:44
PYRENE	ND		370	UG/KG	1	5/31/2018 07:44
BENZO(A)ANTHRACENE	ND		370	UG/KG	1	5/31/2018 07:44
CHRYSENE	ND		370	UG/KG	1	5/31/2018 07:44
BENZO(B)FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 07:44
BENZO(K)FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 07:44
BENZO(A)PYRENE	ND		370	UG/KG	1	5/31/2018 07:44
INDENO(1,2,3-CD)PYRENE	ND		370	UG/KG	1	5/31/2018 07:44
DIBENZO(A,H)ANTHRACENE	ND		370	UG/KG	1	5/31/2018 07:44
BENZO(G,H,I)PERYLENE	ND		370	UG/KG	1	5/31/2018 07:44
Surr: NITROBENZENE-D5	83		32-110	%REC	1	5/31/2018 07:44
Surr: 2-FLUOROBIPHENYL	78		41-111	%REC	1	5/31/2018 07:44
Surr: TERPHENYL-D14	84		23-159	%REC	1	5/31/2018 07:44
<b>GC/MS Volatiles</b>			<b>SW8260</b>		Prep Date: 5/21/2018	PrepBy: JXK
BENZENE	ND		110	UG/KG	1	5/21/2018 18:19
TOLUENE	ND		110	UG/KG	1	5/21/2018 18:19
ETHYLBENZENE	680		110	UG/KG	1	5/21/2018 18:19
M+P-XYLENE	3700		110	UG/KG	1	5/21/2018 18:19
O-XYLENE	1100		110	UG/KG	1	5/21/2018 18:19
TOTAL XYLENES	4800		5	UG/KG	1	5/21/2018 18:19
Surr: DIBROMOFLUOROMETHANE	113		61-134	%REC	1	5/21/2018 15:41
Surr: DIBROMOFLUOROMETHANE	106		61-134	%REC	1	5/21/2018 18:19
Surr: TOLUENE-D8	89		57-135	%REC	1	5/21/2018 18:19
Surr: TOLUENE-D8	86		57-135	%REC	1	5/21/2018 15:41
Surr: 4-BROMOFLUOROBENZENE	105		52-151	%REC	1	5/21/2018 18:19
Surr: 4-BROMOFLUOROBENZENE	100		52-151	%REC	1	5/21/2018 15:41
GASOLINE RANGE ORGANICS	39000		11000	UG/KG	1	5/21/2018 18:19

**ALS – Fort Collins**
**SAMPLE SUMMARY REPORT**

**Client:** Wyoming Analytical Laboratories, Inc.  
**Project:** 37314R  
**Sample ID:** R3824  
**Legal Location:**  
**Collection Date:** 5/18/2018 10:45

**Date:** 05-Jun-18  
**Work Order:** 1805415  
**Lab ID:** 1805415-7  
**Matrix:** SOIL  
**Percent Moisture:** 11.3

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>Diesel Range Organics</b>			<b>SW8015M</b>		<b>Prep Date: 5/23/2018</b>	<b>PrepBy: LML</b>
Diesel Range Organics	19	H	5.5	MG/KG	1	5/24/2018 11:54
Surr: O-TERPHENYL	87		49-114	%REC	1	5/24/2018 11:54
<b>GC/MS Semi-volatiles</b>			<b>SW8270</b>		<b>Prep Date: 5/29/2018</b>	<b>PrepBy: JMD</b>
NAPHTHALENE	ND		370	UG/KG	1	5/31/2018 08:07
2-METHYLNAPHTHALENE	ND		370	UG/KG	1	5/31/2018 08:07
ACENAPHTHYLENE	ND		370	UG/KG	1	5/31/2018 08:07
ACENAPHTHENE	ND		370	UG/KG	1	5/31/2018 08:07
FLUORENE	ND		370	UG/KG	1	5/31/2018 08:07
PHENANTHRENE	ND		370	UG/KG	1	5/31/2018 08:07
ANTHRACENE	ND		370	UG/KG	1	5/31/2018 08:07
FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 08:07
PYRENE	ND		370	UG/KG	1	5/31/2018 08:07
BENZO(A)ANTHRACENE	ND		370	UG/KG	1	5/31/2018 08:07
CHRYSENE	ND		370	UG/KG	1	5/31/2018 08:07
BENZO(B)FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 08:07
BENZO(K)FLUORANTHENE	ND		370	UG/KG	1	5/31/2018 08:07
BENZO(A)PYRENE	ND		370	UG/KG	1	5/31/2018 08:07
INDENO(1,2,3-CD)PYRENE	ND		370	UG/KG	1	5/31/2018 08:07
DIBENZO(A,H)ANTHRACENE	ND		370	UG/KG	1	5/31/2018 08:07
BENZO(G,H,I)PERYLENE	ND		370	UG/KG	1	5/31/2018 08:07
Surr: NITROBENZENE-D5	75		32-110	%REC	1	5/31/2018 08:07
Surr: 2-FLUOROBIPHENYL	79		41-111	%REC	1	5/31/2018 08:07
Surr: TERPHENYL-D14	79		23-159	%REC	1	5/31/2018 08:07
<b>GC/MS Volatiles</b>			<b>SW8260</b>		<b>Prep Date: 5/21/2018</b>	<b>PrepBy: JXK</b>
BENZENE	ND		5.6	UG/KG	1	5/21/2018 15:15
TOLUENE	ND		5.6	UG/KG	1	5/21/2018 15:15
ETHYLBENZENE	ND		5.6	UG/KG	1	5/21/2018 15:15
M+P-XYLENE	ND		5.6	UG/KG	1	5/21/2018 15:15
O-XYLENE	ND		5.6	UG/KG	1	5/21/2018 15:15
TOTAL XYLENES	ND		5	UG/KG	1	5/21/2018 15:15
Surr: DIBROMOFLUOROMETHANE	113		61-134	%REC	1	5/21/2018 15:15
Surr: TOLUENE-D8	96		57-135	%REC	1	5/21/2018 15:15
Surr: 4-BROMOFLUOROBENZENE	104		52-151	%REC	1	5/21/2018 15:15
GASOLINE RANGE ORGANICS	ND		560	UG/KG	1	5/21/2018 15:15

# ALS -- Fort Collins

# SAMPLE SUMMARY REPORT

Client: Wyoming Analytical Laboratories, Inc.  
 Project: 37314R  
 Sample ID: R3824  
 Legal Location:  
 Collection Date: 5/18/2018 10:45

Date: 05-Jun-18  
 Work Order: 1805415  
 Lab ID: 1805415-7  
 Matrix: SOIL  
 Percent Moisture: 11.3

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
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## Explanation of Qualifiers

### Radiochemistry:

- "Report Limit" is the MDC
- U or ND - Result is less than the sample specific MDC.
- Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
- Y2 - Chemical Yield outside default limits.
- W - DER is greater than Warning Limit of 1.42
- \* - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.
- # - Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.
- G - Sample density differs by more than 15% of LCS density.
- D - DER is greater than Control Limit
- M - Requested MDC not met.
- LT - Result is less than requested MDC but greater than achieved MDC.
- M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
- L - LCS Recovery below lower control limit.
- H - LCS Recovery above upper control limit.
- P - LCS, Matrix Spike Recovery within control limits.
- N - Matrix Spike Recovery outside control limits
- NC - Not Calculated for duplicate results less than 5 times MDC
- B - Analyte concentration greater than MDC.
- B3 - Analyte concentration greater than MDC but less than Requested MDC.

### Inorganics:

- B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).
- U or ND - Indicates that the compound was analyzed for but not detected.
- E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
- M - Duplicate injection precision was not met.
- N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
- Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
- \* - Duplicate analysis (relative percent difference) not within control limits.
- S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

### Organics:

- U or ND - Indicates that the compound was analyzed for but not detected.
- B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.
- E - Analyte concentration exceeds the upper level of the calibration range.
- J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).
- A - A tentatively identified compound is a suspected aldol-condensation product.
- X - The analyte was diluted below an accurate quantitation level.
- \* - The spike recovery is equal to or outside the control criteria used.
- + - The relative percent difference (RPD) equals or exceeds the control criteria.
- G - A pattern resembling gasoline was detected in this sample.
- D - A pattern resembling diesel was detected in this sample.
- M - A pattern resembling motor oil was detected in this sample.
- C - A pattern resembling crude oil was detected in this sample.
- 4 - A pattern resembling JP-4 was detected in this sample.
- 5 - A pattern resembling JP-5 was detected in this sample.
- H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.
- L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.
- Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
  - gasoline
  - JP-8
  - diesel
  - mineral spirits
  - motor oil
  - Stoddard solvent
  - bunker C

**ALS -- Fort Collins**

Date: 6/5/2018 2:13:1

Client: Wyoming Analytical Laboratories, Inc.  
Work Order: 1805415  
Project: 37314R

**QC BATCH REPORT**

Batch ID: HC180523-81-1 Instrument ID FUELS-1 Method: SW8015M

LCS Sample ID HC180523-81 Units: MG/KG Analysis Date: 5/24/2018 14:49  
Client ID: Run ID: HC180524-8A Prep Date: 5/23/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
Diesel Range Organics	69	5	62.5		110	81-129				20	
Surr: O-TERPHENYL	10.5		12.5		84	49-114					

MB Sample ID HC180523-81 Units: MG/KG Analysis Date: 5/24/2018 09:22  
Client ID: Run ID: HC180524-8A Prep Date: 5/23/2018 DF: 1

Analyte	Result	ReportLimit	Qual
Diesel Range Organics	ND	5	
Surr: O-TERPHENYL	9.8		78 49-114

The following samples were analyzed in this batch:

1805415-1	1805415-2	1805415-3
1805415-4	1805415-5	1805415-6
1805415-7		

Client: Wyoming Analytical Laboratories, Inc.  
 Work Order: 1805415  
 Project: 37314R

## QC BATCH REPORT

Batch ID: EX180529-4-1 Instrument ID HPSV3 Method: SW8270

LCS Sample ID EX180529-4 Units: UG/KG Analysis Date: 5/31/2018 04:37  
 Client ID: Run ID: SV180530-33 Prep Date: 5/29/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
NAPHTHALENE	1330	333	1670		80	51-100				30	
2-METHYLNAPHTHALENE	1270	333	1670		76	51-100				30	
ACENAPHTHYLENE	1300	333	1670		78	60-109				30	
ACENAPHTHENE	1300	333	1670		78	38-103				30	
FLUORENE	1310	333	1670		79	65-106				30	
PHENANTHRENE	1350	333	1670		81	66-107				30	
ANTHRACENE	1370	333	1670		82	65-108				30	
FLUORANTHENE	1360	333	1670		82	64-109				30	
PYRENE	1430	333	1670		86	48-118				30	
BENZO(A)ANTHRACENE	1320	333	1670		79	64-107				30	
CHRYSENE	1380	333	1670		83	65-108				30	
BENZO(B)FLUORANTHENE	1320	333	1670		79	60-111				30	
BENZO(K)FLUORANTHENE	1410	333	1670		84	62-111				30	
BENZO(A)PYRENE	1260	333	1670		76	63-109				30	
INDENO(1,2,3-CD)PYRENE	1130	333	1670		68	55-117				30	
DIBENZO(A,H)ANTHRACENE	1130	333	1670		68	55-120				30	
BENZO(G,H,I)PERYLENE	1190	333	1670		71	37-123				30	
Surr: NITROBENZENE-D5	1080		1670		65	32-110					
Surr: 2-FLUOROBIPHENYL	1260		1670		76	41-111					
Surr: TERPHENYL-D14	1310		1670		79	23-159					



Client: Wyoming Analytical Laboratories, Inc.  
Work Order: 1805415  
Project: 37314R

## QC BATCH REPORT

Batch ID: EX180529-4-1 Instrument ID HPSV3 Method: SW8270

MB Sample ID EX180529-4 Units: UG/KG Analysis Date: 5/31/2018 04:14  
Client ID: Run ID: SV180530-33 Prep Date: 5/29/2018 DF: 1

Analyte	Result	ReportLimit	Qual
NAPHTHALENE	ND	330	
2-METHYLNAPHTHALENE	ND	330	
ACENAPHTHYLENE	ND	330	
ACENAPHTHENE	ND	330	
FLUORENE	ND	330	
PHENANTHRENE	ND	330	
ANTHRACENE	ND	330	
FLUORANTHENE	ND	330	
PYRENE	ND	330	
BENZO(A)ANTHRACENE	ND	330	
CHRYSENE	ND	330	
BENZO(B)FLUORANTHENE	ND	330	
BENZO(K)FLUORANTHENE	ND	330	
BENZO(A)PYRENE	ND	330	
INDENO(1,2,3-CD)PYRENE	ND	330	
DIBENZO(A,H)ANTHRACENE	ND	330	
BENZO(G,H,I)PERYLENE	ND	330	
Surr: NITROBENZENE-D5	999	60	32-110
Surr: 2-FLUOROBIPHENYL	1130	68	41-111
Surr: TERPHENYL-D14	1300	78	23-159

Client: Wyoming Analytical Laboratories, Inc.  
 Work Order: 1805415  
 Project: 37314R

## QC BATCH REPORT

Batch ID: EX180529-4-1 Instrument ID HPSV3 Method: SW8270

MS Sample ID 1805415-1 Units: UG/KG Analysis Date: 5/31/2018 05:24  
 Client ID: R3818 Run ID: SV180530-33 Prep Date: 5/29/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
NAPHTHALENE	1300	366	1830		71	47-97				30	
2-METHYLNAPHTHALENE	1300	366	1830		71	51-99				30	
ACENAPHTHYLENE	1310	366	1830		72	60-109				30	
ACENAPHTHENE	1310	366	1830		71	47-110				30	
FLUORENE	1310	366	1830		72	65-106				30	
PHENANTHRENE	1300	366	1830		71	66-107				30	
ANTHRACENE	1270	366	1830		69	65-108				30	
FLUORANTHENE	1280	366	1830		70	64-109				30	
PYRENE	1470	366	1830		80	48-118				30	
BENZO(A)ANTHRACENE	1320	366	1830		72	64-107				30	
CHRYSENE	1340	366	1830		73	65-108				30	
BENZO(B)FLUORANTHENE	1360	366	1830		74	60-111				30	
BENZO(K)FLUORANTHENE	1350	366	1830		74	62-111				30	
BENZO(A)PYRENE	1240	366	1830		67	63-109				30	
INDENO(1,2,3-CD)PYRENE	1210	366	1830		66	55-117				30	
DIBENZO(A,H)ANTHRACENE	1150	366	1830		63	55-120				30	
BENZO(G,H,I)PERYLENE	1180	366	1830		65	37-123				30	
Surr: NITROBENZENE-D5	1090		1830		60	32-110					
Surr: 2-FLUOROBIPHENYL	1250		1830		69	41-111					
Surr: TERPHENYL-D14	1300		1830		71	23-159					

Client: Wyoming Analytical Laboratories, Inc.  
 Work Order: 1805415  
 Project: 37314R

## QC BATCH REPORT

Batch ID: EX180529-4-1 Instrument ID HPSV3 Method: SW8270

MSD Sample ID 1805415-1 Units: UG/KG Analysis Date: 5/31/2018 05:47  
 Client ID: R3818 Run ID: SV180530-33 Prep Date: 5/29/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
NAPHTHALENE	1440	369	1840		78	47-97		1300	11	30	
2-METHYLNAPHTHALENE	1420	369	1840		77	51-99		1300	9	30	
ACENAPHTHYLENE	1420	369	1840		77	60-109		1310	8	30	
ACENAPHTHENE	1410	369	1840		76	47-110		1310	8	30	
FLUORENE	1430	369	1840		78	65-106		1310	9	30	
PHENANTHRENE	1520	369	1840		83	66-107		1300	16	30	
ANTHRACENE	1500	369	1840		81	65-108		1270	17	30	
FLUORANTHENE	1520	369	1840		82	64-109		1280	17	30	
PYRENE	1620	369	1840		88	48-118		1470	10	30	
BENZO(A)ANTHRACENE	1450	369	1840		79	64-107		1320	9	30	
CHRYSENE	1540	369	1840		83	65-108		1340	13	30	
BENZO(B)FLUORANTHENE	1420	369	1840		77	60-111		1360	4	30	
BENZO(K)FLUORANTHENE	1550	369	1840		84	62-111		1350	14	30	
BENZO(A)PYRENE	1490	369	1840		81	63-109		1240	18	30	
INDENO(1,2,3-CD)PYRENE	1430	369	1840		77	55-117		1210	17	30	
DIBENZO(A,H)ANTHRACENE	1340	369	1840		73	55-120		1150	15	30	
BENZO(G,H,I)PERYLENE	1360	369	1840		74	37-123		1180	14	30	
Surr: NITROBENZENE-D5	1260		1840		69	32-110			15		
Surr: 2-FLUOROBIPHENYL	1380		1840		75	41-111			9		
Surr: TERPHENYL-D14	1420		1840		77	23-159			9		

The following samples were analyzed in this batch:

1805415-1	1805415-2	1805415-3
1805415-4	1805415-5	1805415-6
1805415-7		

Client: Wyoming Analytical Laboratories, Inc.  
 Work Order: 1805415  
 Project: 37314R

## QC BATCH REPORT

Batch ID: VL180521-2-1 Instrument ID HPV2 Method: SW8260

LCS	Sample ID	VL180521-2			Units: UG/KG	Analysis Date: 5/21/2018 09:48					
Client ID:	Run ID: VL180521-2A				Prep Date: 5/21/2018				DF: 1		
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BENZENE	44.5	5	40		111	73-126				30	
TOLUENE	38.3	5	40		96	71-127				30	
ETHYLBENZENE	39.8	5	40		99	74-127				30	
M+P-XYLENE	74.4	5	80		93	79-126				30	
O-XYLENE	37.9	5	40		95	77-125				30	
Surr: DIBROMOFLUOROMETHANE	56.9		50		114	61-134					
Surr: TOLUENE-D8	48.2		50		96	57-135					
Surr: 4-BROMOFLUOROBENZENE	55.2		50		110	52-151					

LCSD	Sample ID VL180521-2			Units: UG/KG			Analysis Date: 5/21/2018 10:10				
Client ID:	Run ID: VL180521-2A			Prep Date: 5/21/2018			DF: 1				
Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BENZENE	42.7	5	40		107	73-126		44.5	4	30	
TOLUENE	37.8	5	40		95	71-127		38.3	1	30	
ETHYLBENZENE	38.9	5	40		97	74-127		39.6	2	30	
M+P-XYLENE	73.1	5	80		91	79-126		74.4	2	30	
O-XYLENE	37.8	5	40		94	77-125		37.9	0	30	
Surr: DIBROMOFLUOROMETHANE	56.9		50		114	61-134			0		
Surr: TOLUENE-D8	47.7		50		95	57-135			1		
Surr: 4-BROMOFLUOROBENZENE	56.8		50		114	52-151			3		

MB	Sample ID	VL180521-2	Units: UG/KG	Analysis Date: 5/21/2018 12:05
Client ID:	Run ID: VL180521-2A		Prep Date: 5/21/2018	DF: 1
Analyte	Result	ReportLimit		Qual
BENZENE	ND	5		
TOLUENE	ND	5		
ETHYLBENZENE	ND	5		
M+P-XYLENE	ND	5		
O-XYLENE	ND	5		
TOTAL XYLENES	ND	5		
Surr: DIBROMOFLUOROMETHANE	54.8		110	61-134
Surr: TOLUENE-D8	48		96	57-135
Surr: 4-BROMOFLUOROBENZENE	53.2		106	52-151

**Client:** Wyoming Analytical Laboratories, Inc.  
**Work Order:** 1805415  
**Project:** 37314R

## QC BATCH REPORT

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**Batch ID:** VL180521-2-1      **Instrument ID:** HPV2      **Method:** SW8260

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The following samples were analyzed in this batch:

1805415-1	1805415-2	1805415-5
1805415-6	1805415-7	

Client: Wyoming Analytical Laboratories, Inc.  
Work Order: 1805415  
Project: 37314R

## QC BATCH REPORT

Batch ID: VL180521-2-3 Instrument ID HPV2 Method: SW8260

LCS Sample ID VL180521-5 Units: UG/KG Analysis Date: 5/21/2018 10:55  
Client ID: Run ID: VL180521-2A Prep Date: 5/21/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
GASOLINE RANGE ORGANICS	1810	500	2000		90	80-120				20	

LCSD Sample ID VL180521-5 Units: UG/KG Analysis Date: 5/21/2018 11:17  
Client ID: Run ID: VL180521-2A Prep Date: 5/21/2018 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
GASOLINE RANGE ORGANICS	1820	500	2000		96	80-120		1810	6	20	

MB Sample ID VL180521-2 Units: UG/KG Analysis Date: 5/21/2018 12:05  
Client ID: Run ID: VL180521-2A Prep Date: 5/21/2018 DF: 1

Analyte	Result	ReportLimit	Qual
GASOLINE RANGE ORGANICS	ND	500	

The following samples were analyzed in this batch:

1805415-1	1805415-2	1805415-5
1805415-6	1805415-7	

Client: Wyoming Analytical Laboratories, Inc.  
Work Order: 1805415  
Project: 37314R

## QC BATCH REPORT

Batch ID: VL180521-2-4 Instrument ID HPV2 Method: SW8260

MB Sample ID VL180521-2M Units: UG/KG Analysis Date: 5/21/2018 12:27  
Client ID: Run ID: VL180521-2A Prep Date: 5/21/2018 DF: 50

Analyte	Result	ReportLimit	Qual
BENZENE	ND	250	
TOLUENE	ND	250	
ETHYLBENZENE	ND	250	
M+P-XYLENE	ND	250	
O-XYLENE	ND	250	
TOTAL XYLENES	ND	5	
Surr: DIBROMOFLUOROMETHANE	2690	108	61-134
Surr: TOLUENE-D8	2430	97	57-135
Surr: 4-BROMOFLUOROBENZENE	2710	109	52-151

The following samples were analyzed in this batch:

1805415-3 1805415-4

**Client:** Wyoming Analytical Laboratories, Inc.  
**Work Order:** 1805415  
**Project:** 37314R

## QC BATCH REPORT

**Batch ID:** VL180521-2-5      **Instrument ID:** HPV2      **Method:** SW8260

**MB**      **Sample ID:** VL180521-2M      **Units:** UG/KG      **Analysis Date:** 5/21/2018 12:27  
**Client ID:**      **Run ID:** VL180521-2A      **Prep Date:** 5/21/2018      **DF:** 50

Analyte	Result	ReportLimit	Qual
GASOLINE RANGE ORGANICS	ND	25000	

The following samples were analyzed in this batch:

1805415-3	1805415-4
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<b>Report to: APRIL STEGALL</b> <b>Company: DOMINION ENERGY WEXPRO</b> <b>Address: PO Box 458, 8901 WESTGATE DRIVE,</b> <b>City, ST, ZIP: 2004 SPRING, WY 82901</b> <b>Phone: 307.352.7601 Fax: 307.352.7603</b> <b>Email: april.stegall@dominionenergy.com</b>				<b>Please PRINT all information</b> <b>Wyoming Analytical Laboratories, Inc</b> 1660 Harrison St Laramie, WY 82070 307-742-7995 Fax 307-721-8956 wallaramie@aol.com 625 Center St Rock Springs, WY 82901 307-362-3176 Fax 307-362-3581 wallrps@aol.com			
<b>Matrix:</b> W-water, S-soil, SL-sludge, O-oil, G-gaseous, X-other: _____ <b>Preservation:</b> T-4°C, A-acid, F-filtered, N-none, X-other: _____ <b>TAT: Standard/Expedite</b> _____ days (subject to feed/availability) <b>Project: SUPPLY STATE 1</b> <b>PO#: ATE # 80567</b>				<b>Prefer Results by: Fax / (Email) Hard Copy</b> (circle all that apply)			
<b>Print Name:</b> April Stegall <b>Signature:</b> [Signature] <b>Date/Time:</b> 5/15/18 @ 1530		<b>Print Name:</b> _____ <b>Signature:</b> _____ <b>Date/Time:</b> _____		<b>Print Name:</b> _____ <b>Signature:</b> _____ <b>Date/Time:</b> _____		<b>Print Name:</b> _____ <b>Signature:</b> _____ <b>Date/Time:</b> _____	
<b>Received 1st</b> <b>Relinquished 1st</b>		<b>Received 2nd</b> <b>Relinquished 2nd</b>		<b>Received 3rd</b> <b>Relinquished 3rd</b>		<b>Received 4th</b> <b>Relinquished 4th</b>	
<b>Shipped VIA:</b> OTC		<b>Shipped VIA:</b> _____		<b>Shipped VIA:</b> _____		<b>Shipped VIA:</b> _____	
<b>Sample ID</b>		<b>Date/Time</b>		<b>Matrix*</b>		<b># of containers</b>	
<b>Preservation**</b>		<b>custody seals?</b>		<b>Organics</b>		<b>Inorganics</b>	
<b>Sample 1</b>		<b>Sample 2</b>		<b>Sample 3</b>		<b>Sample 4</b>	
<b>Sample 5</b>		<b>Sample 6</b>		<b>Sample 7</b>		<b>Sample 8</b>	
<b>Sample 9</b>		<b>Sample 10</b>		<b>Sample 11</b>		<b>Sample 12</b>	
<b>Sample 13</b>		<b>Sample 14</b>		<b>Sample 15</b>		<b>Sample 16</b>	
<b>Sample 17</b>		<b>Sample 18</b>		<b>Sample 19</b>		<b>Sample 20</b>	
<b>Sample 21</b>		<b>Sample 22</b>		<b>Sample 23</b>		<b>Sample 24</b>	
<b>Sample 25</b>		<b>Sample 26</b>		<b>Sample 27</b>		<b>Sample 28</b>	
<b>Sample 29</b>		<b>Sample 30</b>		<b>Sample 31</b>		<b>Sample 32</b>	
<b>Sample 33</b>		<b>Sample 34</b>		<b>Sample 35</b>		<b>Sample 36</b>	
<b>Sample 37</b>		<b>Sample 38</b>		<b>Sample 39</b>		<b>Sample 40</b>	
<b>Sample 41</b>		<b>Sample 42</b>		<b>Sample 43</b>		<b>Sample 44</b>	
<b>Sample 45</b>		<b>Sample 46</b>		<b>Sample 47</b>		<b>Sample 48</b>	
<b>Sample 49</b>		<b>Sample 50</b>		<b>Sample 51</b>		<b>Sample 52</b>	
<b>Sample 53</b>		<b>Sample 54</b>		<b>Sample 55</b>		<b>Sample 56</b>	
<b>Sample 57</b>		<b>Sample 58</b>		<b>Sample 59</b>		<b>Sample 60</b>	
<b>Sample 61</b>		<b>Sample 62</b>		<b>Sample 63</b>		<b>Sample 64</b>	
<b>Sample 65</b>		<b>Sample 66</b>		<b>Sample 67</b>		<b>Sample 68</b>	
<b>Sample 69</b>		<b>Sample 70</b>		<b>Sample 71</b>		<b>Sample 72</b>	
<b>Sample 73</b>		<b>Sample 74</b>		<b>Sample 75</b>		<b>Sample 76</b>	
<b>Sample 77</b>		<b>Sample 78</b>		<b>Sample 79</b>		<b>Sample 80</b>	
<b>Sample 81</b>		<b>Sample 82</b>		<b>Sample 83</b>		<b>Sample 84</b>	
<b>Sample 85</b>		<b>Sample 86</b>		<b>Sample 87</b>		<b>Sample 88</b>	
<b>Sample 89</b>		<b>Sample 90</b>		<b>Sample 91</b>		<b>Sample 92</b>	
<b>Sample 93</b>		<b>Sample 94</b>		<b>Sample 95</b>		<b>Sample 96</b>	
<b>Sample 97</b>		<b>Sample 98</b>		<b>Sample 99</b>		<b>Sample 100</b>	
<b>Sample 101</b>		<b>Sample 102</b>		<b>Sample 103</b>		<b>Sample 104</b>	
<b>Sample 105</b>		<b>Sample 106</b>		<b>Sample 107</b>		<b>Sample 108</b>	
<b>Sample 109</b>		<b>Sample 110</b>		<b>Sample 111</b>		<b>Sample 112</b>	
<b>Sample 113</b>		<b>Sample 114</b>		<b>Sample 115</b>		<b>Sample 116</b>	
<b>Sample 117</b>		<b>Sample 118</b>		<b>Sample 119</b>		<b>Sample 120</b>	
<b>Sample 121</b>		<b>Sample 122</b>		<b>Sample 123</b>		<b>Sample 124</b>	
<b>Sample 125</b>		<b>Sample 126</b>		<b>Sample 127</b>		<b>Sample 128</b>	
<b>Sample 129</b>		<b>Sample 130</b>		<b>Sample 131</b>		<b>Sample 132</b>	
<b>Sample 133</b>		<b>Sample 134</b>		<b>Sample 135</b>		<b>Sample 136</b>	
<b>Sample 137</b>		<b>Sample 138</b>		<b>Sample 139</b>		<b>Sample 140</b>	
<b>Sample 141</b>		<b>Sample 142</b>		<b>Sample 143</b>		<b>Sample 144</b>	
<b>Sample 145</b>		<b>Sample 146</b>		<b>Sample 147</b>		<b>Sample 148</b>	
<b>Sample 149</b>		<b>Sample 150</b>		<b>Sample 151</b>		<b>Sample 152</b>	
<b>Sample 153</b>		<b>Sample 154</b>		<b>Sample 155</b>		<b>Sample 156</b>	
<b>Sample 157</b>		<b>Sample 158</b>		<b>Sample 159</b>		<b>Sample 160</b>	
<b>Sample 161</b>		<b>Sample 162</b>		<b>Sample 163</b>		<b>Sample 164</b>	
<b>Sample 165</b>		<b>Sample 166</b>		<b>Sample 167</b>		<b>Sample 168</b>	
<b>Sample 169</b>		<b>Sample 170</b>		<b>Sample 171</b>		<b>Sample 172</b>	
<b>Sample 173</b>		<b>Sample 174</b>		<b>Sample 175</b>		<b>Sample 176</b>	
<b>Sample 177</b>		<b>Sample 178</b>		<b>Sample 179</b>		<b>Sample 180</b>	
<b>Sample 181</b>		<b>Sample 182</b>		<b>Sample 183</b>		<b>Sample 184</b>	
<b>Sample 185</b>		<b>Sample 186</b>		<b>Sample 187</b>		<b>Sample 188</b>	
<b>Sample 189</b>		<b>Sample 190</b>		<b>Sample 191</b>		<b>Sample 192</b>	
<b>Sample 193</b>		<b>Sample 194</b>		<b>Sample 195</b>		<b>Sample 196</b>	
<b>Sample 197</b>		<b>Sample 198</b>		<b>Sample 199</b>		<b>Sample 200</b>	
<b>Sample 201</b>		<b>Sample 202</b>		<b>Sample 203</b>		<b>Sample 204</b>	
<b>Sample 205</b>		<b>Sample 206</b>		<b>Sample 207</b>		<b>Sample 208</b>	
<b>Sample 209</b>		<b>Sample 210</b>		<b>Sample 211</b>		<b>Sample 212</b>	
<b>Sample 213</b>		<b>Sample 214</b>		<b>Sample 215</b>		<b>Sample 216</b>	
<b>Sample 217</b>		<b>Sample 218</b>		<b>Sample 219</b>		<b>Sample 220</b>	
<b>Sample 221</b>		<b>Sample 222</b>		<b>Sample 223</b>		<b>Sample 224</b>	
<b>Sample 225</b>		<b>Sample 226</b>		<b>Sample 227</b>		<b>Sample 228</b>	
<b>Sample 229</b>		<b>Sample 230</b>		<b>Sample 231</b>		<b>Sample 232</b>	
<b>Sample 233</b>		<b>Sample 234</b>		<b>Sample 235</b>		<b>Sample 236</b>	
<b>Sample 237</b>		<b>Sample 238</b>		<b>Sample 239</b>		<b>Sample 240</b>	
<b>Sample 241</b>		<b>Sample 242</b>		<b>Sample 243</b>		<b>Sample 244</b>	
<b>Sample 245</b>		<b>Sample 246</b>		<b>Sample 247</b>		<b>Sample 248</b>	
<b>Sample 249</b>		<b>Sample 250</b>		<b>Sample 251</b>		<b>Sample 252</b>	
<b>Sample 253</b>		<b>Sample 254</b>		<b>Sample 255</b>		<b>Sample 256</b>	
<b>Sample 257</b>		<b>Sample 258</b>		<b>Sample 259</b>		<b>Sample 260</b>	
<b>Sample 261</b>		<b>Sample 262</b>		<b>Sample 263</b>		<b>Sample 264</b>	
<b>Sample 265</b>		<b>Sample 266</b>		<b>Sample 267</b>		<b>Sample 268</b>	
<b>Sample 269</b>		<b>Sample 270</b>		<b>Sample 271</b>		<b>Sample 272</b>	
<b>Sample 273</b>		<b>Sample 274</b>		<b>Sample 275</b>		<b>Sample 276</b>	
<b>Sample 277</b>		<b>Sample 278</b>		<b>Sample 279</b>		<b>Sample 280</b>	
<b>Sample 281</b>		<b>Sample 282</b>		<b>Sample 283</b>		<b>Sample 284</b>	
<b>Sample 285</b>		<b>Sample 286</b>		<b>Sample 287</b>		<b>Sample 288</b>	
<b>Sample 289</b>		<b>Sample 290</b>		<b>Sample 291</b>		<b>Sample 292</b>	
<b>Sample 293</b>		<b>Sample 294</b>		<b>Sample 295</b>		<b>Sample 296</b>	
<b>Sample 297</b>		<b>Sample 298</b>		<b>Sample 299</b>		<b>Sample 300</b>	
<b>Sample 301</b>		<b>Sample 302</b>		<b>Sample 303</b>		<b>Sample 304</b>	
<b>Sample 305</b>		<b>Sample 306</b>		<b>Sample 307</b>		<b>Sample 308</b>	
<b>Sample 309</b>		<b>Sample 310</b>		<b>Sample 311</b>		<b>Sample 312</b>	
<b>Sample 313</b>		<b>Sample 314</b>		<b>Sample 315</b>		<b>Sample 316</b>	
<b>Sample 317</b>		<b>Sample 318</b>		<b>Sample 319</b>		<b>Sample 320</b>	
<b>Sample 321</b>		<b>Sample 322</b>		<b>Sample 323</b>		<b>Sample 324</b>	
<b>Sample 325</b>		<b>Sample 326</b>		<b>Sample 327</b>		<b>Sample 328</b>	
<b>Sample 329</b>		<b>Sample 330</b>		<b>Sample 331</b>		<b>Sample 332</b>	
<b>Sample 333</b>		<b>Sample 334</b>		<b>Sample 335</b>		<b>Sample 336</b>	
<b>Sample 337</b>		<b>Sample 338</b>		<b>Sample 339</b>		<b>Sample 340</b>	
<b>Sample 341</b>		<b>Sample 342</b>		<b>Sample 343</b>		<b>Sample 344</b>	
<b>Sample 345</b>		<b>Sample 346</b>		<b>Sample 347</b>		<b>Sample 348</b>	
<b>Sample 349</b>		<b>Sample 350</b>		<b>Sample 351</b>		<b>Sample 352</b>	
<b>Sample 353</b>		<b>Sample 354</b>		<b>Sample 355</b>		<b>Sample 356</b>	
<b>Sample 357</b>		<b>Sample 358</b>		<b>Sample 359</b>		<b>Sample 360</b>	
<b>Sample 361</b>		<b>Sample 362</b>		<b>Sample 363</b>		<b>Sample 364</b>	
<b>Sample 365</b>		<b>Sample 366</b>		<b>Sample 367</b>		<b>Sample 368</b>	
<b>Sample 369</b>		<b>Sample 370</b>		<b>Sample 371</b>		<b>Sample 372</b>	
<b>Sample 373</b>		<b>Sample 374</b>		<b>Sample 375</b>		<b>Sample 376</b>	
<b>Sample 377</b>		<b>Sample 378</b>		<b>Sample 379</b>		<b>Sample 380</b>	
<b>Sample 381</b>		<b>Sample 382</b>		<b>Sample 383</b>		<b>Sample 384</b>	
<b>Sample 385</b>		<b>Sample 386</b>		<b>Sample 387</b>		<b>Sample 388</b>	
<b>Sample 389</b>		<b>Sample 390</b>		<b>Sample 391</b>		<b>Sample 392</b>	
<b>Sample 393</b>		<b>Sample 394</b>		<b>Sample 395</b>		<b>Sample 396</b>	
<b>Sample 397</b>		<b>Sample 398</b>		<b>Sample 399</b>		<b>Sample 400</b>	
<b>Sample 401</b>		<b>Sample 402</b>		<b>Sample 403</b>		<b>Sample 404</b>	
<b>Sample 405</b>		<b>Sample 406</b>		<b>Sample 407</b>		<b>Sample 408</b>	
<b>Sample 409</b>		<b>Sample 410</b>		<b>Sample 411</b>		<b>Sample 412</b>	
<b>Sample 413</b>		<b>Sample 414</b>		<b>Sample 415</b>		<b>Sample 416</b>	
<b>Sample 417</b>		<b>Sample 418</b>		<b>Sample 419</b>		<b>Sample 420</b>	
<b>Sample 421</b>		<b>Sample 422</b>		<b>Sample 423</b>		<b>Sample 424</b>	
<b>Sample 425</b>		<b>Sample 426</b>		<b>Sample 427</b>		<b>Sample 428</b>	
<b>Sample 429</b>		<b>Sample 430</b>		<b>Sample 431</b>		<b>Sample 432</b>	
<b>Sample 433</b>		<b>Sample 434</b>		<b>Sample 435</b>		<b>Sample 436</b>	
<b>Sample 437</b>		<b>Sample 438</b>		<b>Sample 439</b>		<b>Sample 440</b>	
<b>Sample 441</b>		<b>Sample 442</b>		<b>Sample 443</b>		<b>Sample 444</b>	
<b>Sample 445</b>		<b>Sample 446</b>		<b>Sample 447</b>		<b>Sample 448</b>	
<b>Sample 449</b>		<b>Sample 450</b>		<b>Sample 451</b>		<b>Sample 452</b>	
<b>Sample 453</b>		<b>Sample 454</b>		<b>Sample 455</b>		<b>Sample 456</b>	
<b>Sample 457</b>		<b>Sample 458</b>		<b>Sample 459</b>		<b>Sample 460</b>	
<b>Sample 461</b>		<b>Sample 462</b>		<b>Sample 463</b>		<b>Sample 464</b>	
<b>Sample 465</b>		<b>Sample 466</b>		<b>Sample 467</b>		<b>Sample 468</b>	
<b>Sample 469</b>		<b>Sample 470</b>		<b>Sample 471</b>		<b>Sample 472</b>	
<b>Sample 473</b>		<b>Sample 474</b>		<b>Sample 475</b>		<b>Sample 476</b>	
<b>Sample 477</b>		<b>Sample 478</b>		<b>Sample 479</b>		<b>Sample 480</b>	
<b>Sample 481</b>		<b>Sample 482</b>		<b>Sample 483</b>		<b>Sample 484</b>	
<b>Sample 485</b>		<b>Sample 486</b>		<b>Sample 487</b>		<b>Sample 488</b>	
<b>Sample 489</b>		<b>Sample 490</b>		<b>Sample 491</b>		<b>Sample 492</b>	
<b>Sample 493</b>		<b>Sample 494</b>		<b>Sample 495</b>		<b>Sample 496</b>	

Report to: <b>APRIL STEGALL</b>		Please <b>PRINT</b> all information		<b>Wyoming Analytical Laboratories, Inc</b> 1660 Harrison St Laramie, WY 82070 307-742-7995 Fax 307-721-8956 wallaramie@aol.com	
Company: <b>DOMINION ENERGY WEXPRO</b>		<b>WYOMING</b> <b>PRINT</b> <b>all</b> <b>information</b>		625 Center St Rock Springs, WY 82901 307-362-3176 Fax 307-362-3581 wallspgs@aol.com	
Address: <b>P.O. Box 468, 8891 WESTGATE DRIVE</b>					
City, ST, Zip: <b>ROCK SPRINGS, WY 82901</b>					
Phone: <b>307.352.7641</b> Fax: <b>307.352.7683</b>					
Email: <b>april.stegall@dominionenergy.com</b>					
Matrix: <u>W-water, S-soil, SL-sludge, O-oil, G-gaseous, X-other</u> Preservation: <u>T-4°C, A-acid</u> F-filtered, N-none, X-other TAT: <u>Standard</u> / <u>Expedite</u> days (subject to fee/availability) Project: <b>BUD MUSSELE</b> Post: <b>ATE# 71494</b>					
Preferred Results by: <u>Fax</u> / <u>Email</u> / <u>Hard Copy</u> (circle all that apply)					
Sample ID Date/Time Matrix*		# of containers Preservation** custody seals?		Organics Inorganics Metals Notes / Lab No.	
1 Sample #1 449148 5/15 10:15 S S 2 Sample #2 449148 5/15 10:30 S S 3 Sample #3 449148 5/15 10:40 S S		SVOA, BNA, (PAH) (circle) by GC-MS 8270 VOA, (BTEX, GRO) (circle) by GC-MS 8260 BTEX, GRO, (GRO) Fuel ID (circle) by GC 8015 TPH (circle) 418.1, 1664, 8015, 8260 F, Cl, NO2, NO3, NO2+NO3, Br, PO4, SO4, NH3 (circle) Alkalinity, pH, cond, TDS, TSS, Turbidity (circle) TOC, BOD, COD, H2S, Specific Gravity (circle) see below As Rec'd, Total, Dissolved, TCLP, WyoLeach. (circle) Group1, Ba, RCRA, TRI, Cu, Pb, Hg, List Below (circle)		37314R R3822 R3823 R3824	
4 5 6 7 8 9 10				Special Instructions / Comments: KEEP COOL Metals: soluble boron, total (RCRA, Ni, Cu, Zn), Cr4, calculate Cr3 Inorganics: (saturated paste) Ca, Mg, Na, SAR, pH, conductivity	
Received 1st Print Name: <b>April Stegall</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>		Relinquished 1st Print Name: <b>APRIL STEGALL</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>		Received 2nd Print Name: <b>APRIL STEGALL</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>	
Relinquished 2nd Print Name: <b>APRIL STEGALL</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>		Received 2nd Print Name: <b>APRIL STEGALL</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>		Relinquished 2nd Print Name: <b>APRIL STEGALL</b> Signature: <i>[Signature]</i> Date/Time: <b>5/15/18 @ 1530</b>	

WAL use only: Record discrepancies in sample condition upon receipt on WAL Doc#228 - SCUR