

April Stegall
Wexpro
PO Box 458
Rock Springs, WY 82901

Date: July 25, 2017
Request Number: 36464R
Date Received: 6/30/17
Matrix: Soil

REPORT OF ANALYSIS

Lab Number: R1513

Sample ID: BM Musser 22 113332 Sample #1 6/30/17 10:30

	Result	Units	Method	Date Analyzed	Analyst
Nickel	20.5	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Copper	38.4	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Zinc	81.1	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Arsenic	9.63	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Selenium	0.78	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Silver	5.16	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Cadmium	0.540	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Barium	413	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Mercury	2.18	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Lead	30.2	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Total Chromium	50.9	mg/kg	SW846 EPA 3051/6020	7/17/2017	MLE
Chromium (VI)	0.3*	mg/kg	EPA 7196A	7/13/2017	CB
Chromium (III)	50.6	mg/kg	Calculated (ttl.Cr-CrVI)	7/21/2017	TB
Soluble, Boron	< 0.1	mg/L	Hot water ext./6010	7/10/2017	CB
pH	7.27	std. units	USDA 60-2,3/150.1	7/7/2017	CB
Conductivity	1,560	µmhos/cm	USDA 60-2,3/120.1	7/7/2017	CB
Calcium	660	mg/L	USDA 60-2,3/6010	7/10/2017	CB
Magnesium	138	mg/L	USDA 60-2,3/6010	7/10/2017	CB
Sodium	34	mg/L	USDA 60-2,3/6010	7/10/2017	CB
Sodium Absorption Ratio	0.31	Ratio	Calculated	7/21/2017	TB

*Results are the average of 2 runs

BTEX, GRO, DRO & PAH Analyzed by ALS Lab in Fort Collins Colorado. See attached Report.
ALS Lab Sample ID 1707063-1

End of Report
MLE/tab



Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC

1660 Harrison Street
Laramie, WY 82070

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PO Box 458
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Date: July 25, 2017
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QUALITY CONTROL

	Reference	Expected	Value	% Recovery
Conductivity	QCI-027-12	756	708	94
pH	iv-6.03 pH QC	6.03	6.15	102
Chromium VI	Hach QC	0.50	0.51	102
Nickel	ERA P1488	0.244	0.233	95
Copper	ERA P1488	1.56	1.48	95
Zinc	ERA P1488	1.65	1.47	89
Arsenic	ERA P1488	0.042	0.033	79
Selenium	ERA P1488	0.079	0.080	101
Silver	ERA P1488	0.027	0.027	100
Cadmium	ERA P1488	0.029	0.029	100
Barium	ERA P1488	1.87	1.87	100
Mercury	ERA QC	0.01	0.01	100
Lead	ERA QC P1488	0.084	0.084	100
Soluble Boron	ERA QC P1488	1.0	1.0	100
Total Chromium	ERA QC P1488	0.071	0.064	90
Calcium	ESI QC	20.0	20.0	100
Magnesium	ESI QC	50.0	50.0	100
Sodium	ESI QC	50.0	50.7	101

BTEX, GRO, DRO & PAH Analyzed by ALS Lab in Fort Collins Colorado. See attached Report.
ALS Lab Sample ID 1707063-1

End of QC Report
MLE/tab



Laboratory Manager



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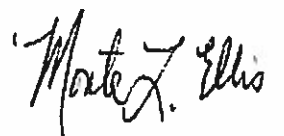
Date: July 25, 2017
Request Number: 36464R
Date Received: 6/30/17
Matrix: Soil

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	Wexpro Sample ID
R1513	1707063-1	BM Musser 22 113332 Sample #1 6/30/17 10:30

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

R1514	1707063-2	BM Musser 113332 Sample #2 6/30/17 10:42
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Laboratory Manager



WYOMING ANALYTICAL LABORATORIES, INC

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Wednesday, July 19, 2017

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

Re: ALS Workorder: 1707063
Project Name:
Project Number:

Dear Mr. Ellis:

Two soil samples were received from Wyoming Analytical Laboratories, Inc., on 7/7/2017. 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.

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
Shiloh J. Summy
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



1707063

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 sample was 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:
Sample ID: R1513
Legal Location:
Collection Date: 6/30/2017 10:30

Date: 19-Jul-17
Work Order: 1707063
Lab ID: 1707063-1
Matrix: SOIL
Percent Moisture: 12.9

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diesel Range Organics			SW8015M		Prep Date: 7/12/2017	PrepBy: JFN
Diesel Range Organics	2.8	J	5.7	MG/KG	1	7/14/2017 13:05
Surr: O-TERPHENYL	93		49-114	%REC	1	7/14/2017 13:05
GC/MS Semi-volatiles			SW8270		Prep Date: 7/10/2017	PrepBy: KJP
NAPHTHALENE	ND		370	UG/KG	1	7/17/2017 17:10
2-METHYLNAPHTHALENE	ND		370	UG/KG	1	7/17/2017 17:10
ACENAPHTHYLENE	ND		370	UG/KG	1	7/17/2017 17:10
ACENAPHTHENE	ND		370	UG/KG	1	7/17/2017 17:10
FLUORENE	ND		370	UG/KG	1	7/17/2017 17:10
PHENANTHRENE	ND		370	UG/KG	1	7/17/2017 17:10
ANTHRACENE	ND		370	UG/KG	1	7/17/2017 17:10
FLUORANTHENE	ND		370	UG/KG	1	7/17/2017 17:10
PYRENE	ND		370	UG/KG	1	7/17/2017 17:10
BENZO(A)ANTHRACENE	ND		370	UG/KG	1	7/17/2017 17:10
CHRYSENE	ND		370	UG/KG	1	7/17/2017 17:10
BENZO(B)FLUORANTHENE	ND		370	UG/KG	1	7/17/2017 17:10
BENZO(K)FLUORANTHENE	ND		370	UG/KG	1	7/17/2017 17:10
BENZO(A)PYRENE	ND		370	UG/KG	1	7/17/2017 17:10
INDENO(1,2,3-CD)PYRENE	ND		370	UG/KG	1	7/17/2017 17:10
DIBENZO(A,H)ANTHRACENE	ND		370	UG/KG	1	7/17/2017 17:10
BENZO(G,H,I)PERYLENE	ND		370	UG/KG	1	7/17/2017 17:10
Surr: NITROBENZENE-D5	89		32-110	%REC	1	7/17/2017 17:10
Surr: 2-FLUOROBIPHENYL	87		41-111	%REC	1	7/17/2017 17:10
Surr: TERPHENYL-D14	91		23-159	%REC	1	7/17/2017 17:10
GC/MS Volatiles			SW8260		Prep Date: 7/10/2017	PrepBy: JXK
BENZENE	ND		5.7	UG/KG	1	7/10/2017 20:51
TOLUENE	ND		5.7	UG/KG	1	7/10/2017 20:51
ETHYLBENZENE	ND		5.7	UG/KG	1	7/10/2017 20:51
M+P-XYLENE	ND		5.7	UG/KG	1	7/10/2017 20:51
O-XYLENE	ND		5.7	UG/KG	1	7/10/2017 20:51
TOTAL XYLENES	ND		5	UG/KG	1	7/10/2017 20:51
Surr: DIBROMOFLUOROMETHANE	111		61-134	%REC	1	7/10/2017 20:51
Surr: TOLUENE-D8	91		57-135	%REC	1	7/10/2017 20:51
Surr: 4-BROMOFLUOROBENZENE	102		52-151	%REC	1	7/10/2017 20:51
GASOLINE RANGE ORGANICS	ND		570	UG/KG	1	7/10/2017 20:51

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

Date: 19-Jul-17

Project:
Work Order: 1707063

Sample ID: R1514

Lab ID: 1707063-2

Legal Location:
Matrix: SOIL

Collection Date: 6/30/2017 10:42

Percent Moisture: 11.6

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diesel Range Organics			SW8015M		Prep Date: 7/12/2017	PrepBy: JFN
Diesel Range Organics	3.5	J	5.6	MG/KG	1	7/14/2017 13:30
Surr: O-TERPHENYL	97		49-114	%REC	1	7/14/2017 13:30
GC/MS Volatiles			SW8260		Prep Date: 7/10/2017	PrepBy: JXK
BENZENE	ND		5.7	UG/KG	1	7/10/2017 21:18
TOLUENE	ND		5.7	UG/KG	1	7/10/2017 21:18
ETHYLBENZENE	ND		5.7	UG/KG	1	7/10/2017 21:18
M+P-XYLENE	ND		5.7	UG/KG	1	7/10/2017 21:18
O-XYLENE	ND		5.7	UG/KG	1	7/10/2017 21:18
TOTAL XYLENES	ND		5	UG/KG	1	7/10/2017 21:18
Surr: DIBROMOFLUOROMETHANE	109		61-134	%REC	1	7/10/2017 21:18
Surr: TOLUENE-D8	92		57-135	%REC	1	7/10/2017 21:18
Surr: 4-BROMOFLUOROBENZENE	99		52-151	%REC	1	7/10/2017 21:18
GASOLINE RANGE ORGANICS	ND		570	UG/KG	1	7/10/2017 21:18

Client: Wyoming Analytical Laboratories, Inc.

Date: 19-Jul-17

Project:

Work Order: 1707063

Sample ID: R1514

Lab ID: 1707063-2

Legal Location:

Matrix: SOIL

Collection Date: 6/30/2017 10:42

Percent Moisture: 11.6

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
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Explanation of Qualifiers**Radiochemistry:**

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

Client: Wyoming Analytical Laboratories, Inc.

Work Order: 1707063

Project:

Date: 7/19/2017 3:25:

QC BATCH REPORT

Batch ID: HC170712-100-1 Instrument ID FUELS-1 Method: SW8015M

LCS Sample ID: HC170712-100 Units: MG/KG Analysis Date: 7/14/2017 15:08

Client ID: Run ID: HC170714-8A Prep Date: 7/12/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
Diesel Range Organics	67.5	5	62.5		108	81-129				20	
Surr: O-TERPHENYL	5.28		6.25		85	49-114					

LCSD Sample ID: HC170712-100 Units: MG/KG Analysis Date: 7/14/2017 15:32

Client ID: Run ID: HC170714-8A Prep Date: 7/12/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
Diesel Range Organics	68.4	5	62.5		109	81-129		67.5	1	20	
Surr: O-TERPHENYL	5.34		6.25		85	49-114				1	

MB Sample ID: HC170712-100 Units: MG/KG Analysis Date: 7/14/2017 11:01

Client ID: Run ID: HC170714-8A Prep Date: 7/12/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
Diesel Range Organics	ND	5									
Surr: O-TERPHENYL	5.77		6.25		92	49-114					

The following samples were analyzed in this batch:

1707063-1 1707063-2

Client: Wyoming Analytical Laboratories, Inc.
 Work Order: 1707063
 Project:

QC BATCH REPORT

Batch ID: EX170710-2 Instrument ID HPSV4 Method: SW8270

MB Sample ID: EX170710-2 Units: UG/KG Analysis Date: 7/17/2017 16:13

Client ID: Run ID: SV170717-44 Prep Date: 7/10/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	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	1440		1670		86	32-110					
Surr: 2-FLUOROBIPHENYL	1390		1670		84	41-111					
Surr: TERPHENYL-D14	1450		1670		87	23-159					

The following samples were analyzed in this batch:

1707063-1

Client: Wyoming Analytical Laboratories, Inc.

Work Order: 1707063

Project:

QC BATCH REPORT

Batch ID: EX170710-2-2

Instrument ID HPSV4

Method: SW8270

LCS Sample ID: EX170710-2

Units: UG/KG

Analysis Date: 7/18/2017 14:23

Client ID:

Run ID: SV170718-4

Prep Date: 7/10/2017

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	1430	333	1670		86	51-100				30	
ACENAPHTHYLENE	1430	333	1670		86	60-109				30	
ACENAPHTHENE	1300	333	1670		78	38-103				30	
FLUORENE	1430	333	1670		86	65-106				30	
PHENANTHRENE	1480	333	1670		89	66-107				30	
ANTHRACENE	1510	333	1670		91	65-108				30	
FLUORANTHENE	1610	333	1670		97	64-109				30	
PYRENE	1370	333	1670		82	48-118				30	
BENZO(A)ANTHRACENE	1480	333	1670		89	64-107				30	
CHRYSENE	1480	333	1670		88	65-108				30	
BENZO(B)FLUORANTHENE	1510	333	1670		90	60-111				30	
BENZO(K)FLUORANTHENE	1450	333	1670		87	62-111				30	
BENZO(A)PYRENE	1490	333	1670		89	63-109				30	
INDENO(1,2,3-CD)PYRENE	1520	333	1670		91	55-117				30	
DIBENZO(A,H)ANTHRACENE	1540	333	1670		92	55-120				30	
BENZO(G,H,I)PERYLENE	1330	333	1670		80	37-123				30	
Surr: NITROBENZENE-D5	1260		1670		75	32-110					
Surr: 2-FLUOROBIPHENYL	1370		1670		82	41-111					
Surr: TERPHENYL-D14	1430		1670		86	23-159					

The following samples were analyzed in this batch:

1707063-1

Client: Wyoming Analytical Laboratories, Inc.
 Work Order: 1707063
 Project:

QC BATCH REPORT

Batch ID: VL170710-2-1 Instrument ID HPV2 Method: SW8260

LCS Sample ID: VL170710-2 Units: UG/KG Analysis Date: 7/10/2017 16:39
 Client ID: Run ID: VL170710-2A Prep Date: 7/10/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BENZENE	39.5	5	40		99	73-126				30	
TOLUENE	32.2	5	40		80	71-127				30	
ETHYLBENZENE	33.1	5	40		83	74-127				30	
M+P-XYLENE	65	5	80		81	79-126				30	
O-XYLENE	32.7	5	40		82	77-125				30	
Surr: DIBROMOFLUOROMETHANE	54.3		50		109	61-134					
Surr: TOLUENE-D8	45.9		50		92	57-135					
Surr: 4-BROMOFLUOROBENZENE	51.5		50		103	52-151					

LCSD Sample ID: VL170710-2 Units: UG/KG Analysis Date: 7/10/2017 17:02
 Client ID: Run ID: VL170710-2A Prep Date: 7/10/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BENZENE	42	5	40		105	73-126		39.5	6	30	
TOLUENE	33.4	5	40		83	71-127		32.2	4	30	
ETHYLBENZENE	34.3	5	40		86	74-127		33.1	4	30	
M+P-XYLENE	68.4	5	80		86	79-126		65	5	30	
O-XYLENE	33.9	5	40		85	77-125		32.7	4	30	
Surr: DIBROMOFLUOROMETHANE	55		50		110	61-134			1		
Surr: TOLUENE-D8	45.9		50		92	57-135			0		
Surr: 4-BROMOFLUOROBENZENE	51.7		50		103	52-151			0		

MB Sample ID: VL170710-2 Units: UG/KG Analysis Date: 7/10/2017 19:33
 Client ID: Run ID: VL170710-2A Prep Date: 7/10/2017 DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	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	54.2		50		108	61-134					
Surr: TOLUENE-D8	47.8		50		96	57-135					
Surr: 4-BROMOFLUOROBENZENE	49.7		50		99	52-151					

The following samples were analyzed in this batch:

1707063-1 1707063-2

Client: Wyoming Analytical Laboratories, Inc.

Work Order: 1707063

Project:

QC BATCH REPORT

Batch ID: VL170710-2-2

Instrument ID HPV2

Method: SW8260

LCS Sample ID: VL170710-5

Units: UG/KG

Analysis Date: 7/10/2017 17:48

Client ID:

Run ID: VL170710-2A

Prep Date: 7/10/2017

DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
GASOLINE RANGE ORGANICS	2010	500	2000		101	80-120				20	

LCSD Sample ID: VL170710-5

Units: UG/KG

Analysis Date: 7/10/2017 18:14

Client ID:

Run ID: VL170710-2A

Prep Date: 7/10/2017

DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
GASOLINE RANGE ORGANICS	2090	500	2000		104	80-120		2010	4	20	

MB Sample ID: VL170710-2

Units: UG/KG

Analysis Date: 7/10/2017 19:33

Client ID:

Run ID: VL170710-2A

Prep Date: 7/10/2017

DF: 1

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
GASOLINE RANGE ORGANICS	ND	500									

The following samples were analyzed in this batch:

1707063-1 1707063-2