

Stephen Martin

2018 Alsop Ln. #239
Laramie, WY 82072

Date: January 27, 2011
Date Received: 1-19-11
Request Number: 28925
Date Analyzed: 1-20-11
Matrix : Soil

REPORT OF ANALYSIS

BTEX/Method 8020

Lab Number	Sample ID	Benzene, mg/kg	Toluene, mg/kg	Ethylbenzene, mg/kg	m,p-xylenes, mg/kg	o-xylenes, mg/kg
M7139	Sample #1 East 1-19-11	< 10	< 10	< 10	< 10	< 10
M7140	Sample #2 west 1-19-11	< 10	< 10	< 10	< 10	< 10

DRO/Method 8015 - GRO/ Method 8020

Lab Number	Sample ID	Diesel Range Organics, mg/kg	Gasoline Range Organics, mg/kg	Method	Date Analyzed
M7139	Sample #1 East 1-19-11	< 10	< 50	8015 / 8020	1/20/2011
M7140	Sample #1 East 1-19-11	32.4	< 50	8015 / 8020	1/20/2011

BTEX/GRO Quality Control

	% Recovery	Limits
Benzene	114	76-127
Toluene	101	76-125

	% Recovery	Duplicate, % Rec	RPD %	RPD Limit
DRO LCS/LCS Dup.	40	46	30	50

Monte L. Ellis
Laboratory Manager

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Date: February 2, 2011
Date Received: 1-19-11
Request Number: 28925
Date Analyzed: 1-20-11
Matrix : Soil

REPORT OF ANALYSIS

Lab Number	M7139	M7140	
SAMPLE ID	Sample #1 East 1-19-11	Sample #2 west 1-19-11	
	Concentration, mg/kg	Concentration, mg/kg	Method
Barium	68.2	53.6	3052/6020
Boron	181	137	3052/6020
Chromium	4.66	4.28	3052/6020
Nickel	6.30	5.06	3052/6020
Copper	13.0	7.64	3052/6020
Zinc	19.8	17.0	3052/6020
Arsenic	0.861	0.812	3052/6020
Selenium	1.82	1.70	3052/6020
Silver	0.094	0.133	3052/6020
Cadmium	0.140	0.072	3052/6020
Mercury	0.008	0.012	3052/6020
Lead	4.90	4.52	3052/6020
Chromium VI	ND	0.40	3060A/7196A
Chromium III	4.66	3.88	Calculated
Calcium	7.40	4.36	3052/6010
Magnesium	5.10	2.99	3052/6010
Sodium	749	809	3052/6010

SAR	51.9	73.1	Calculated
Conductivity, μ S	1670	1764	USDA 60-3a/4b
pH, std. units	8.89	8.97	USDA 60-21a

Monte L. Ellis
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