

April Stegall
Wexpro
PO Box 458
Rock Springs, WY 82901

Date: May 26, 2017
Request Number: 36304R
Date Received: 5/2/17
Matrix: Soil

REPORT OF ANALYSIS

Lab Number: R1166

Sample ID: Sugar Loaf State 2 Offsite Sample 1 5/1/17 3:07pm

	Result	Units	Method	Date Analyzed	Analyst
pH	7.58	std. units	USDA 60-2,3/150.1	5/8/2017	CB
Conductivity	893	$\mu\text{S}/\text{cm}$	USDA 60-2,3/120.1	5/8/2017	CB
Calcium	348	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Magnesium	56.6	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium	297	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium Absorption Ratio	3.89	Ratio	Calculated	5/16/2017	TB
Arsenic	15.4	mg/kg	EPA 3050/6020	5/26/2017	MLE

Lab Number: R1167

Sample ID: Sugar Loaf State 2 Offsite Sample 2 5/1/17 3:12pm

	Result	Units	Method	Date Analyzed	Analyst
pH	7.69	std. units	USDA 60-2,3/150.1	5/8/2017	CB
Conductivity	1,280	$\mu\text{S}/\text{cm}$	USDA 60-2,3/120.1	5/8/2017	CB
Calcium	796	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Magnesium	84.3	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium	178	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium Absorption Ratio	1.60	Ratio	Calculated	5/16/2017	TB
Arsenic	18.3	mg/kg	EPA 3050/6020	5/26/2017	MLE

*Results are the average of 2 runs



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REPORT OF ANALYSIS

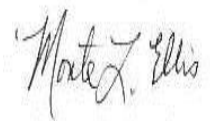
Lab Number: R1167

Sample ID: Sugar Loaf State 2 Offsite Sample 3 5/1/17 3:17pm

	Result	Units	Method	Date Analyzed	Analyst
pH	7.60	std. units	USDA 60-2,3/150.1	5/8/2017	CB
Conductivity	1,390	μS/cm	USDA 60-2,3/120.1	5/8/2017	CB
Calcium	846*	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Magnesium	46.0*	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium	162*	mg/kg	USDA 60-2,3/6010	5/16/2017	CB
Sodium Absorption Ratio	1.47	Ratio	Calculated	5/16/2017	TB
Arsenic	21.4	mg/kg	EPA 3050/6020	5/26/2017	MLE

*Results are the average of 2 runs

End of Report
MLE/tab



Laboratory Manager



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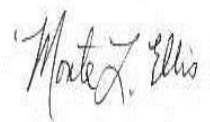
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QUALITY CONTROL

	Reference	Expected	Value	% Recovery
Calcium	ESI QC	20	21.9	110
Magnesium	ESI QC	50	54	108
Sodium	ESI QC	50	53.7	107
Conductivity	ESI QC	500	468	94
pH	iv-pH-QC	6.03	5.97	99
Arsenic	ERA QC P1488	0.042	0.042	100

End of QC Report
MLE/tab



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