

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 20, 2014

Alyssa Beard
Sebago Consulting
16818 W 65th Circle
Arvada, CO 80007
RE: Camenish 1

Enclosed are the results of analyses for samples received by Summit Scientific on 02/18/14 17:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury
President / Laboratory Manager



Sebago Consulting
16818 W 65th Circle
Arvada CO, 80007

Project: Camenish 1

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
02/20/14 17:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Base@6.5'	1402078-02	Soil	02/18/14 00:00	02/18/14 17:10

1402078

Summit Scientific

5:

741 Corporate Circle, Suite 268 • Golden, Colorado 80401
303-277-9310 • 303-374-5933

Client: SEBAGO CONSULTING
Address: 16818 W 65th Circle
City/State/Zip: Arvada CO 80007
Phone: 720 257 2302 Fax:
Sampler Name: A. BEARD

Project Manager: ALYSSA BEARD
E-Mail: ALYSSA@SEBAGOCONSULTING.COM
Project Name: CAMENISH 1
Project Number:

Page 1 of 1

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested	Special Instructions	
					HCl	HNO3	None	Other (Specify)	Groundwater	Soil	Air-Canister #			Other (Specify)
1	WEST 06'	2/18/14												HPD
2	BASE @ 6.5'													ON MIGHT TAT
3	NORTH 6'													HPD
4	EAST 06'													HPD
5														
6														
7														
8														
9														
10														
Requisitioned by:		Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)		72 hours		Standard		Notes:		IF BASE IS ALTY, DO NOT IN THE OTHER	
Requisitioned by:		Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)		48 hours		Standard		Sample Integrity:		5.8	
Requisitioned by:		Date/Time:	Received by:	Date/Time:	Temperature Upon Receipt:		Intact: Yes No						500 mg TPH 17 BEADME	

www.szscientific.com

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Arvada CO, 80007

Project: Camenish 1

Project Number: [none]
Project Manager: Alyssa Beard

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02/20/14 17:45

Base@6.5'
1402078-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/18/14 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1200	50	mg/kg	1	1402127	02/18/14	02/18/14	8015M	

Date Sampled: **02/18/14 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		125 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/14 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0097	0.0020	mg/kg	1	1402126	02/18/14	02/18/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.023	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.34	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	16	0.50	"	"	"	"	"	"	

Date Sampled: **02/18/14 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	21-167		"	"	"	"	

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Project: Camenish 1

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Reported:
02/20/14 17:45

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1402127 - EPA 3550A

Blank (1402127-BLK1)

Prepared & Analyzed: 02/18/14

C10-C28 (DRO) ND 50 mg/kg

LCS (1402127-BS1)

Prepared & Analyzed: 02/18/14

C10-C28 (DRO) 612 50 mg/kg 501 122 73-134

Matrix Spike (1402127-MS1)

Source: 1402079-02

Prepared & Analyzed: 02/18/14

C10-C28 (DRO) 542 50 mg/kg 501 ND 108 50-148

Matrix Spike Dup (1402127-MSD1)

Source: 1402079-02

Prepared & Analyzed: 02/18/14

C10-C28 (DRO) 509 50 mg/kg 501 ND 102 50-148 6.30 13

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1402126 - EPA 5030 Soil MS

Blank (1402126-BLK1)

Prepared & Analyzed: 02/18/14

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0393</i>		<i>"</i>	<i>0.0397</i>		<i>99.1</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0385</i>		<i>"</i>	<i>0.0400</i>		<i>96.2</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0393</i>		<i>"</i>	<i>0.0400</i>		<i>98.3</i>	<i>21-167</i>			

LCS (1402126-BS1)

Prepared & Analyzed: 02/18/14

Benzene	0.0843	0.0020	mg/kg	0.0997		84.6	58-130			
Toluene	0.0916	0.0050	"	0.100		91.6	61-134			
Ethylbenzene	0.104	0.0050	"	0.0992		105	74-139			
m,p-Xylene	0.210	0.010	"	0.200		105	73-137			
o-Xylene	0.102	0.0050	"	0.0988		104	73-141			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0417</i>		<i>"</i>	<i>0.0397</i>		<i>105</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0391</i>		<i>"</i>	<i>0.0400</i>		<i>97.6</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0393</i>		<i>"</i>	<i>0.0400</i>		<i>98.2</i>	<i>21-167</i>			

Matrix Spike (1402126-MS1)

Source: 1402079-02

Prepared & Analyzed: 02/18/14

Benzene	0.0853	0.0020	mg/kg	0.0997	ND	85.6	30-131			
Toluene	0.0919	0.0050	"	0.100	ND	91.9	30-134			
Ethylbenzene	0.105	0.0050	"	0.0992	ND	106	22-153			
m,p-Xylene	0.212	0.010	"	0.200	ND	106	10-159			
o-Xylene	0.104	0.0050	"	0.0988	ND	105	31-151			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0429</i>		<i>"</i>	<i>0.0397</i>		<i>108</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0397</i>		<i>"</i>	<i>0.0400</i>		<i>99.3</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0396</i>		<i>"</i>	<i>0.0400</i>		<i>99.0</i>	<i>21-167</i>			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1402126 - EPA 5030 Soil MS

Matrix Spike Dup (1402126-MSD1)	Source: 1402079-02			Prepared & Analyzed: 02/18/14						
Benzene	0.0862	0.0020	mg/kg	0.0997	ND	86.4	30-131	0.980	34	
Toluene	0.0944	0.0050	"	0.100	ND	94.4	30-134	2.61	30	
Ethylbenzene	0.106	0.0050	"	0.0992	ND	106	22-153	0.799	24	
m,p-Xylene	0.215	0.010	"	0.200	ND	107	10-159	1.18	68	
o-Xylene	0.104	0.0050	"	0.0988	ND	105	31-151	0.434	38	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0414</i>		<i>"</i>	<i>0.0397</i>		<i>104</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0396</i>		<i>"</i>	<i>0.0400</i>		<i>99.1</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0398</i>		<i>"</i>	<i>0.0400</i>		<i>99.6</i>	<i>21-167</i>			

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02/20/14 17:45

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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