

# Summit Scientific

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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

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303-277-9310 • 303-374-5933

Page 1 of 1

Client: SEBAGO CONSULTING  
Address: 16818 W. 65th Circle  
City/State/Zip: Arvada, CO 80007  
Phone: 720-257-2302 Fax:  
Project Manager: ALYSSA BEARD  
E-Mail: alyssa@sebagocorp.com  
Project Name: CAMENISH 1  
Project Number: 1402078-02  
Sample Name: A-BEARD

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												
2	BASE @ 6.5'													
3	NORTH 6'													
4	EAST 06'													
5														
6														
7														
8														
9														
10														

Requisitioned by: [Signature] Date/Time: 2/18/14 17:10  
Received by: [Signature] Date/Time: 2/18/14 17:10  
Requisitioned by: [Signature] Date/Time: 2/18/14 17:10  
Received by: [Signature] Date/Time: 2/18/14 17:10  
Requisitioned by: [Signature] Date/Time: 2/18/14 17:10  
Received by: [Signature] Date/Time: 2/18/14 17:10

Notes: IF base is dirty, do it in the other 3. 500 mg/kg TPH 17 BAYONE

Turn Around Time (Check)  
Same Day — 72 hours —  
24 hours — Standard —  
48 hours —  
Sample Integrity: 5.8  
Temperature Upon Receipt: Intact: Yes No

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[Signature]



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Arvada CO, 80007

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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
Surrogate: o-Terphenyl		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
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

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Arvada CO, 80007

Project: Camenish 1  
Project Number: [none]  
Project Manager: Alyssa Beard

**Reported:**  
02/20/14 17:45

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

**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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0393		"	0.0397		99.1	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

**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			
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0397		105	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.2	21-167			

**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			
Surrogate: 1,2-Dichloroethane-d4	0.0429		"	0.0397		108	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	21-167			

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

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

**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	
Surrogate: 1,2-Dichloroethane-d4	0.0414		"	0.0397		104	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.6	21-167			

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### 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

A handwritten signature in black ink, appearing to be 'JMM'.