

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 14, 2021

Jeremy Pike
Entrada Consulting Group
240 Mesa Avenue
Grand Junction., CO 81501

RE: Arthur Edens #1 (Rem #7976)

Work Order #2112118

Enclosed are the results of analyses for samples received by Summit Scientific on 12/07/21 11:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer For Paul Shrewsbury
President



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Arthur Edens #1 (Rem #7976)

Project Number: 021-129
Project Manager: Jeremy Pike

Reported:
12/14/21 19:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-02	2112118-01	Soil	12/07/21 00:00	12/07/21 11:45
SS-03	2112118-02	Soil	12/07/21 00:00	12/07/21 11:45

Summit Scientific

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Summit Scientific

2112118

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Client: Entrada Consulting Group

Project Manager: Jeremy Pike

Address: 1843 Sunlight Dr.

E-Mail: jpik@entradainc.com

City/State/Zip: Longmont, CO 80504

Phone: 303.378.4036

Project Name: Arthur Edens #1 (Rem # 7976)

Sampler Name: Jeremy Pike

Project Number: 021-129 (Bill to Western Operating)

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested				Special Instructions			
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	TPH - GRO (8260)	TPH - DRO (8015)						
1	SS-02			2						X				X	X					
2	SS-03			2						X				X	X					
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished by: <i>Paul Morris</i>	Date/Time: <i>12/21/11 4:45</i>	Received by:	Date/Time:	Turn Around Time (Check) Same Day ___ 72 hours ___ 24 hours ___ Standard X ___ 48 Sample Integrity: Temperature Upon Receipt: <u>20.3</u> Samples Intact: <u>Yes</u> No	Notes:
Relinquished by:	Date/Time:	<i>Justin OL</i>	Date/Time: <i>12/7/21 11:45</i>		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

S₂

2112118

S2 Work Order# _____

Sample Receipt Checklist

Client: Entrada Consulting Client Project ID: Arthur Eders #1

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): Air Soil/Solid Water Other: _____
(Describe)

Temp (°C) 20.3

Thermometer ID: G86A9201901378

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ice
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):
client did not know when/what time the samples were sampled

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

JMO
Custodian Printed Name or Initials

11/7/21
Date/Time



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SS-02
2112118-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Hydrocarbons	ND	0.50	mg/kg	1	BEL0203	12/09/21	12/10/21	EPA 8260B	

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BEL0202	12/09/21	12/10/21	EPA 8015M	

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.5 %	30-150		"	"	"	"	

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Project Number: 021-129
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Reported:
 12/14/21 19:02

SS-03
2112118-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Hydrocarbons	ND	0.50	mg/kg	1	BEL0203	12/09/21	12/10/21	EPA 8260B	

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BEL0202	12/09/21	12/10/21	EPA 8015M	

Date Sampled: **12/07/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.7 %	30-150		"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BEL0203 - EPA 5030 Soil MS

Blank (BEL0203-BLK1)

Prepared: 12/09/21 Analyzed: 12/10/21

Gasoline Range Hydrocarbons	ND	0.50	mg/kg						
Surrogate: 1,2-Dichloroethane-d4	0.0492		"	0.0400	123	23-173			
Surrogate: Toluene-d8	0.0446		"	0.0400	112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400	107	21-167			

LCS (BEL0203-BS1)

Prepared: 12/09/21 Analyzed: 12/10/21

Surrogate: 1,2-Dichloroethane-d4	0.0414		mg/kg	0.0400	104	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400	105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400	100	21-167			

Matrix Spike (BEL0203-MS1)

Source: 2112140-01

Prepared: 12/09/21 Analyzed: 12/10/21

Surrogate: 1,2-Dichloroethane-d4	0.0430		mg/kg	0.0400	108	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400	105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.0400	103	21-167			

Matrix Spike Dup (BEL0203-MSD1)

Source: 2112140-01

Prepared: 12/09/21 Analyzed: 12/10/21

Surrogate: 1,2-Dichloroethane-d4	0.0413		mg/kg	0.0400	103	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400	105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400	101	21-167			

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Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BEL0202 - EPA 3550A

Blank (BEL0202-BLK1)

Prepared: 12/09/21 Analyzed: 12/10/21

C10-C28 (DRO) ND 50 mg/kg

LCS (BEL0202-BS1)

Prepared: 12/09/21 Analyzed: 12/10/21

C10-C28 (DRO) 502 50 mg/kg 500 100 70-130

Matrix Spike (BEL0202-MS1)

Source: 2112118-01

Prepared: 12/09/21 Analyzed: 12/10/21

C10-C28 (DRO) 535 50 mg/kg 500 34.9 100 70-130

Matrix Spike Dup (BEL0202-MSD1)

Source: 2112118-01

Prepared: 12/09/21 Analyzed: 12/10/21

C10-C28 (DRO) 506 50 mg/kg 500 34.9 94.3 70-130 5.51 20

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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