

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

January 26, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 01/25/18 14:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1@12'	1801275-01	Soil	01/25/18 11:00	01/25/18 14:40
BH-2@12'	1801275-02	Soil	01/25/18 11:05	01/25/18 14:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sample Receipt Checklist

S2 Work Order: 180/275

Client: Talon/LPE

Client Project ID: Razor 27I

Shipped Via: Hand

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	18.6				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.		✓		
Were all samples received intact?	✓			
Was adequate sample volume provided?	✓			
If custody seals are present, are they intact?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely?	✓			
Does the COC agree with the number and type of sample bottles received?	✓			
Do the sample IDs on the bottle labels match the COC?	✓			
Is the COC properly relinquished by the client w/ date and time recorded?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling)? Note the type of preservative in the Comments column -- HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	

Additional Comments (if any):

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

Custodian Printed Name

Signature or Initials of Custodian

Date/Time

1/25/18 1545

Summit Scientific

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1801275

Page 1 of 1

Client:	Talor/LPE - Bill Whiting	
Address:	1811 East Mulberry	
City/State/Zip:	Fort Collins, CO 80525	
Phone:	970-818-5330	Fax:
Sampler Name:	Jason Levertton	

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com
Project Name:	Razor 27I
Project Number:	701530.054.04

				Preservative				Matrix				Analyze For:									
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO							Special Instructions	
BH-1 @ 12'	1/25/2018	1100	1			x		x				x	x								
BH-2 @ 12'	1/25/2018	1105	1			x		x				x	x								
Relinquished by: [Signature] Date/Time: 1/25/18 14:40				Received by: [Signature] Date/Time: 1/25/18 14:40				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>												Notes:	
Relinquished by: [Signature] Date/Time:				Received by: [Signature] Date/Time:				Sample Integrity: Temperature Upon Receipt: 18.6°C Intact: Yes <input checked="" type="radio"/> No <input type="radio"/>													
Relinquished by: [Signature] Date/Time:				Received in Lab by: [Signature] Date/Time:																	



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

BH-1@12'
1801275-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/25/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	260	50	mg/kg	1	1801275	01/25/18	01/26/18	8015M	

Date Sampled: **01/25/18 11:00**

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: **01/25/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.023	0.0020	mg/kg	1	1801274	01/25/18	01/25/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.013	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.092	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	7.6	0.50	"	"	"	"	"	"	

Date Sampled: **01/25/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.3 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.9 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

BH-2@12'
1801275-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/25/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1801275	01/25/18	01/26/18	8015M	

Date Sampled: **01/25/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/25/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.029	0.0020	mg/kg	1	1801274	01/25/18	01/25/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0051	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0072	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **01/25/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.5 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

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 1801275 - EPA 3550A

Blank (1801275-BLK1)

Prepared: 01/25/18 Analyzed: 01/26/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 15.7 " 12.5 125 30-150

LCS (1801275-BS1)

Prepared: 01/25/18 Analyzed: 01/26/18

C10-C28 (DRO) 538 50 mg/kg 499 108 73-134

Surrogate: o-Terphenyl 18.7 " 12.5 150 30-150

Matrix Spike (1801275-MS1)

Source: 1801276-01

Prepared: 01/25/18 Analyzed: 01/26/18

C10-C28 (DRO) 568 50 mg/kg 499 78.8 98.0 50-148

Surrogate: o-Terphenyl 15.1 " 12.5 121 30-150

Matrix Spike Dup (1801275-MSD1)

Source: 1801276-01

Prepared: 01/25/18 Analyzed: 01/26/18

C10-C28 (DRO) 556 50 mg/kg 499 78.8 95.6 50-148 2.18 20

Surrogate: o-Terphenyl 17.7 " 12.5 142 30-150

Summit Scientific

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

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 1801274 - EPA 5030 Soil MS

Blank (1801274-BLK1)

Prepared: 01/25/18 Analyzed: 01/26/18

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	0.0398		"	0.0400		99.5	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

LCS (1801274-BS1)

Prepared: 01/25/18 Analyzed: 01/26/18

Benzene	0.113	0.0020	mg/kg	0.100		113	58-130			
Toluene	0.118	0.0050	"	0.100		118	61-134			
Ethylbenzene	0.129	0.0050	"	0.0992		130	74-139			
m,p-Xylene	0.251	0.010	"	0.200		126	73-137			
o-Xylene	0.120	0.0050	"	0.0980		123	73-141			
Xylenes (total)	0.371	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.04	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0412		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

Matrix Spike (1801274-MS1)

Source: 1801276-01

Prepared: 01/25/18 Analyzed: 01/26/18

Benzene	0.113	0.0020	mg/kg	0.100	ND	113	30-131			
Toluene	0.119	0.0050	"	0.100	ND	119	30-134			
Ethylbenzene	0.130	0.0050	"	0.0992	ND	131	22-153			
m,p-Xylene	0.256	0.010	"	0.200	0.0114	123	10-159			
o-Xylene	0.123	0.0050	"	0.0980	ND	125	31-151			
Xylenes (total)	0.379	0.0050	"		0.0114		30-150			
Gasoline Range Hydrocarbons	3.13	0.50	"		13.5		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	21-167			

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Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

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 1801274 - EPA 5030 Soil MS

Matrix Spike Dup (1801274-MSD1)	Source: 1801276-01			Prepared: 01/25/18 Analyzed: 01/26/18						
Benzene	0.114	0.0020	mg/kg	0.100	ND	114	30-131	0.816	34	
Toluene	0.119	0.0050	"	0.100	ND	119	30-134	0.0251	30	
Ethylbenzene	0.133	0.0050	"	0.0992	ND	135	22-153	2.43	24	
m,p-Xylene	0.261	0.010	"	0.200	0.0114	125	10-159	1.77	68	
o-Xylene	0.124	0.0050	"	0.0980	ND	127	31-151	1.31	38	
Xylenes (total)	0.385	0.0050	"		0.0114		30-150	1.62	20	
Gasoline Range Hydrocarbons	3.13	0.50	"		13.5		30-150	0.280	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0432</i>		<i>"</i>	<i>0.0400</i>		<i>108</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0401</i>		<i>"</i>	<i>0.0400</i>		<i>100</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0416</i>		<i>"</i>	<i>0.0400</i>		<i>104</i>	<i>21-167</i>			

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.04
Project Manager: Colby Sterling

Reported:
01/26/18 06:31

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

January 31, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 01/30/18 15:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-1@6'	1801316-01	Soil	01/30/18 13:15	01/30/18 15:35
SW-2@6'	1801316-02	Soil	01/30/18 13:20	01/30/18 15:35
SW-3@10'	1801316-03	Soil	01/30/18 13:22	01/30/18 15:35
SW-4@6'	1801316-04	Soil	01/30/18 13:23	01/30/18 15:35
SW-5@6'	1801316-05	Soil	01/30/18 13:26	01/30/18 15:35
SW-6@5'	1801316-06	Soil	01/30/18 13:30	01/30/18 15:35
SW-7@6.5'	1801316-07	Soil	01/30/18 13:34	01/30/18 15:35
SW-8@5'	1801316-08	Soil	01/30/18 13:40	01/30/18 15:35

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

Sample Receipt Checklist

S2 Work Order: 1801316
Client: Talon/LPE - Bill Whiting Client Project ID: Razor 27I
Shipped Via: P/U (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____
Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)

Cooler ID					
Temp (°C)	14.8				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
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 , ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

1/30/18 1600
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-1@6'
1801316-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		73.2 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1801313	01/30/18	01/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-2@6'
1801316-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 01/30/18 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1900	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: 01/30/18 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		90.4 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 01/30/18 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.19	0.0020	mg/kg	1	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	3.5	0.50	"	100	"	"	"	"	
Ethylbenzene	0.45	0.0050	"	1	"	"	"	"	
Xylenes (total)	2.0	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	45	0.50	"	"	"	"	"	"	

Date Sampled: 01/30/18 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-3@10'
1801316-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	7400	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		154 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	5.8	0.20	mg/kg	100	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	30	0.50	"	"	"	"	"	"	
Ethylbenzene	19	0.50	"	"	"	"	"	"	
Xylenes (total)	52	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2900	50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		110 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		113 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-4@6'
1801316-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	220	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.2 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1801313	01/30/18	01/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-5@6'
1801316-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2000	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.057	0.0020	mg/kg	1	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	0.50	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.32	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.0	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	30	0.50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-6@5'
1801316-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2600	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		139 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0044	0.0020	mg/kg	1	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	0.016	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.014	0.0050	"	"	"	"	"	"	
Xylenes (total)	11	0.50	"	100	"	"	"	"	
Gasoline Range Hydrocarbons	1300	50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		149 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-7@6.5'
1801316-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1801307	01/30/18	01/30/18	8015M	

Date Sampled: **01/30/18 13:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.014	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	38	0.50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

SW-8@5'
1801316-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	830	50	mg/kg	1	1801307	01/30/18	01/31/18	8015M	

Date Sampled: **01/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		113 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1801313	01/30/18	01/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	9.9	0.50	"	"	"	"	"	"	

Date Sampled: **01/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

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 1801307 - EPA 3550A

Blank (1801307-BLK1)

Prepared & Analyzed: 01/30/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.6 " 12.5 101 30-150

LCS (1801307-BS1)

Prepared & Analyzed: 01/30/18

C10-C28 (DRO) 493 50 mg/kg 499 98.9 73-134

Surrogate: o-Terphenyl 9.63 " 12.5 77.0 30-150

Matrix Spike (1801307-MS1)

Source: 1801308-04

Prepared & Analyzed: 01/30/18

C10-C28 (DRO) 574 50 mg/kg 499 11.8 113 50-148

Surrogate: o-Terphenyl 15.9 " 12.5 127 30-150

Matrix Spike Dup (1801307-MSD1)

Source: 1801308-04

Prepared & Analyzed: 01/30/18

C10-C28 (DRO) 561 50 mg/kg 499 11.8 110 50-148 2.30 20

Surrogate: o-Terphenyl 13.6 " 12.5 109 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

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 1801313 - EPA 5030 Soil MS

Blank (1801313-BLK1)

Prepared & Analyzed: 01/30/18

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	0.0399		"	0.0400		99.7	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1801313-BS1)

Prepared & Analyzed: 01/30/18

Benzene	0.115	0.0020	mg/kg	0.100		115	58-130			
Toluene	0.123	0.0050	"	0.100		123	61-134			
Ethylbenzene	0.134	0.0050	"	0.0992		135	74-139			
m,p-Xylene	0.259	0.010	"	0.200		130	73-137			
o-Xylene	0.125	0.0050	"	0.0980		128	73-141			
Xylenes (total)	0.384	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.11	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Matrix Spike (1801313-MS1)

Source: 1801316-01

Prepared & Analyzed: 01/30/18

Benzene	0.117	0.0020	mg/kg	0.100	ND	117	30-131			
Toluene	0.124	0.0050	"	0.100	ND	124	30-134			
Ethylbenzene	0.136	0.0050	"	0.0992	ND	137	22-153			
m,p-Xylene	0.264	0.010	"	0.200	0.00354	131	10-159			
o-Xylene	0.126	0.0050	"	0.0980	ND	129	31-151			
Xylenes (total)	0.390	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.17	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
01/31/18 06:34

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 08, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/07/18 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-9@6'	1802043-01	Soil	02/07/18 11:15	02/07/18 15:30
SW-10@6'	1802043-02	Soil	02/07/18 11:20	02/07/18 15:30
SW-11@6'	1802043-03	Soil	02/07/18 11:25	02/07/18 15:30
SW-12@6'	1802043-04	Soil	02/07/18 11:30	02/07/18 15:30

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1802043

Page 1 of 1

Client:	Talon/LPE - Bill Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80525
Phone:	970-818-5330
Fax:	
Sampler Name:	Jason Leverton/Jennifer Galles

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.03

[illegible]

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

Sample Receipt Checklist

S2 Work Order: 1802043

Client: TALON Client Project ID: Razor 27I

Shipped Via: PV Airbill #: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Cooler ID					
Temp (°C)	<u>8.4</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<u>X</u>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u>X</u>	
Are short holding time analytes or samples with HTs due within 48 hours present?	<u>X</u>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<u>X</u>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<u>X</u>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<u>X</u>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<u>X</u>	
Record the pH in Comments.			<u>X</u>	
If dissolved metals are requested, were samples field filtered?			<u>X</u>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Muri P.
Custodian Printed Name

RS 2-7-18
Signature or Initials of Custodian

17:00
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

SW-9@6'
1802043-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/07/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	38000	50	mg/kg	1	1802066	02/07/18	02/08/18	8015M	E

Date Sampled: **02/07/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		223 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/07/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.026	0.0020	mg/kg	1	1802065	02/07/18	02/08/18	EPA 8260B	
Toluene	0.056	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.26	0.0050	"	"	"	"	"	"	
Xylenes (total)	9.8	0.50	"	100	"	"	"	"	
Gasoline Range Hydrocarbons	3600	50	"	"	"	"	"	"	

Date Sampled: **02/07/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		112 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

SW-10@6'
1802043-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/07/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1100	50	mg/kg	1	1802066	02/07/18	02/08/18	8015M	

Date Sampled: **02/07/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/07/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0030	0.0020	mg/kg	1	1802065	02/07/18	02/08/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.0	0.50	"	"	"	"	"	"	

Date Sampled: **02/07/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

SW-11@6'
1802043-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/07/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	680	50	mg/kg	1	1802066	02/07/18	02/08/18	8015M	

Date Sampled: **02/07/18 11:25**

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: **02/07/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.15	0.020	mg/kg	10	1802065	02/07/18	02/08/18	EPA 8260B	
Toluene	0.62	0.050	"	"	"	"	"	"	
Ethylbenzene	0.41	0.050	"	"	"	"	"	"	
Xylenes (total)	1.2	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	49	5.0	"	"	"	"	"	"	

Date Sampled: **02/07/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

SW-12@6'
1802043-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/07/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	3300	50	mg/kg	1	1802066	02/07/18	02/08/18	8015M	

Date Sampled: **02/07/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		155 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/07/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	5.8	0.20	mg/kg	100	1802065	02/07/18	02/08/18	EPA 8260B	
Toluene	24	0.50	"	"	"	"	"	"	
Ethylbenzene	13	0.50	"	"	"	"	"	"	
Xylenes (total)	34	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2500	50	"	"	"	"	"	"	

Date Sampled: **02/07/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		114 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

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 1802066 - EPA 3550A

Blank (1802066-BLK1)

Prepared & Analyzed: 02/07/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 13.7 " 12.5 109 30-150

LCS (1802066-BS1)

Prepared & Analyzed: 02/07/18

C10-C28 (DRO) 548 50 mg/kg 499 110 73-134

Surrogate: o-Terphenyl 16.2 " 12.5 130 30-150

Matrix Spike (1802066-MS1)

Source: 1802044-02

Prepared & Analyzed: 02/07/18

C10-C28 (DRO) 629 50 mg/kg 499 8.19 124 50-148

Surrogate: o-Terphenyl 12.4 " 12.5 99.3 30-150

Matrix Spike Dup (1802066-MSD1)

Source: 1802044-02

Prepared & Analyzed: 02/07/18

C10-C28 (DRO) 622 50 mg/kg 499 8.19 123 50-148 1.12 20

Surrogate: o-Terphenyl 13.4 " 12.5 107 30-150

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

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 1802065 - EPA 5030 Soil MS

Blank (1802065-BLK1)

Prepared & Analyzed: 02/07/18

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	0.0396		"	0.0400		99.1	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1802065-BS1)

Prepared & Analyzed: 02/07/18

Benzene	0.104	0.0020	mg/kg	0.100		104	58-130			
Toluene	0.112	0.0050	"	0.100		112	61-134			
Ethylbenzene	0.123	0.0050	"	0.0992		124	74-139			
m,p-Xylene	0.236	0.010	"	0.200		118	73-137			
o-Xylene	0.115	0.0050	"	0.0980		117	73-141			
Xylenes (total)	0.351	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.77	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	21-167			

Matrix Spike (1802065-MS1)

Source: 1802044-02

Prepared & Analyzed: 02/07/18

Benzene	0.107	0.0020	mg/kg	0.100	ND	107	30-131			
Toluene	0.115	0.0050	"	0.100	ND	115	30-134			
Ethylbenzene	0.129	0.0050	"	0.0992	ND	130	22-153			
m,p-Xylene	0.252	0.010	"	0.200	ND	126	10-159			
o-Xylene	0.123	0.0050	"	0.0980	ND	125	31-151			
Xylenes (total)	0.374	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.02	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

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 1802065 - EPA 5030 Soil MS

Matrix Spike Dup (1802065-MSD1)		Source: 1802044-02			Prepared: 02/07/18		Analyzed: 02/08/18			
Benzene	0.107	0.0020	mg/kg	0.100	ND	107	30-131	0.0280	34	
Toluene	0.116	0.0050	"	0.100	ND	116	30-134	0.958	30	
Ethylbenzene	0.132	0.0050	"	0.0992	ND	133	22-153	2.34	24	
m,p-Xylene	0.255	0.010	"	0.200	ND	128	10-159	1.53	68	
o-Xylene	0.125	0.0050	"	0.0980	ND	127	31-151	1.57	38	
Xylenes (total)	0.380	0.0050	"		ND		30-150	1.54	20	
Gasoline Range Hydrocarbons	3.08	0.50	"		ND		30-150	2.10	20	
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/08/18 15:15

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 14, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/13/18 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-13@8'	1802122-01	Soil	02/13/18 12:30	02/13/18 15:30
SW-14@6'	1802122-02	Soil	02/13/18 12:35	02/13/18 15:30
SW-15@6'	1802122-03	Soil	02/13/18 12:40	02/13/18 15:30
SW-16@6'	1802122-04	Soil	02/13/18 12:45	02/13/18 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

Summit Scientific

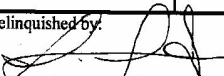
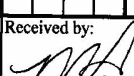
741 Corporate Circle Suite I ♦ Golden, Colorado 80401 1702102
303-277-9310 ♦ 303-374-5933 Fax

1762180

Page 1 of 1

Client:	Talon/LPE - Bill Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80525
Phone:	970-818-5330
Fax:	
Sampler Name:	Jason Leverton

Project Manager: Colby Sterling
E-Mail: csterling@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:								Special Instructions
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO							
SW-13 @ 8'	2/18/2018	1230	1		x			x				x	x							
SW-14 @ 6'	2/18/2018	1235	1		x			x				x	x							
SW-15 @ 6'	2/18/2018	1240	1		x			x				x	x							
SW-16 @ 6'	2/18/2018	1245	1		x			x				x	x							
Relinquished by: 	Date/Time: 2.13.18 5:30	Received by: 	Date/Time: 2/13/18 1530	Turn Around Time (Check)				Notes:												
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/>				72 Hours <input type="checkbox"/>												
				24 Hours <input checked="" type="checkbox"/>				Standard <input type="checkbox"/>												
				48 Hours <input type="checkbox"/>																
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:				Temperature Upon Receipt: 23.2°C												
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																

www.s2scientific.com

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

Sample Receipt Checklist

S2 Work Order: 1702102

Client: Talon/LPE

Client Project ID: Razor 27I

Shipped Via: PU

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	<u>23.2</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/13/18 1700
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

SW-13@8'
1802122-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	7100	50	mg/kg	1	1802135	02/13/18	02/14/18	8015M	

Date Sampled: **02/13/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		676 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.11	0.0020	mg/kg	1	1802134	"	02/14/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	02/14/18	"	
Ethylbenzene	0.013	0.0050	"	"	"	"	02/14/18	"	
Xylenes (total)	0.10	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	370	50	"	100	"	"	02/14/18	"	

Date Sampled: **02/13/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

SW-14@6'
1802122-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	14000	50	mg/kg	1	1802135	02/13/18	02/14/18	8015M	

Date Sampled: **02/13/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		959 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.11	0.0020	mg/kg	1	1802134	"	02/14/18	EPA 8260B	
Toluene	0.044	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.063	0.0050	"	"	"	"	"	"	
Xylenes (total)	35	0.50	"	100	"	"	02/14/18	"	
Gasoline Range Hydrocarbons	3400	50	"	"	"	"	"	"	

Date Sampled: **02/13/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		176 %	23-173		"	"	02/14/18	"	S-02
Surrogate: Toluene-d8		84.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		352 %	21-167		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

SW-15@6'
1802122-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	3900	50	mg/kg	1	1802135	02/13/18	02/14/18	8015M	

Date Sampled: **02/13/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		469 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0099	0.0020	mg/kg	1	1802134	"	02/14/18	EPA 8260B	
Toluene	0.021	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0072	0.0050	"	"	"	"	"	"	
Xylenes (total)	2.9	0.50	"	100	"	"	02/14/18	"	
Gasoline Range Hydrocarbons	43	0.50	"	1	"	"	02/14/18	"	

Date Sampled: **02/13/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.5 %	23-173		"	"	02/14/18	"	
Surrogate: Toluene-d8		86.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		124 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

SW-16@6'
1802122-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	30000	500	mg/kg	10	1802135	02/13/18	02/14/18	8015M	

Date Sampled: **02/13/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		2090 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	18	0.20	mg/kg	100	1802134	"	02/14/18	EPA 8260B	
Toluene	92	0.50	"	"	"	"	"	"	
Ethylbenzene	31	0.50	"	"	"	"	"	"	
Xylenes (total)	110	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6000	50	"	"	"	"	"	"	

Date Sampled: **02/13/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		330 %	23-173		"	"	02/14/18	"	S-02
<i>Surrogate: Toluene-d8</i>		79.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		562 %	21-167		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

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 1802135 - EPA 3550A

Blank (1802135-BLK1)

Prepared: 02/13/18 Analyzed: 02/14/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.4 " 12.5 99.0 30-150

LCS (1802135-BS1)

Prepared: 02/13/18 Analyzed: 02/14/18

C10-C28 (DRO) 569 50 mg/kg 499 114 73-134

Surrogate: o-Terphenyl 13.9 " 12.5 111 30-150

Matrix Spike (1802135-MS1)

Source: 1802120-01

Prepared: 02/13/18 Analyzed: 02/14/18

C10-C28 (DRO) 616 50 mg/kg 499 11.0 121 50-148

Surrogate: o-Terphenyl 15.3 " 12.5 123 30-150

Matrix Spike Dup (1802135-MSD1)

Source: 1802120-01

Prepared: 02/13/18 Analyzed: 02/14/18

C10-C28 (DRO) 557 50 mg/kg 499 11.0 109 50-148 10.0 20

Surrogate: o-Terphenyl 11.8 " 12.5 94.2 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

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 1802134 - EPA 5030 Soil MS

Blank (1802134-BLK1)

Prepared: 02/13/18 Analyzed: 02/14/18

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	0.0410		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0417		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0411		"	0.0400		103	21-167			

LCS (1802134-BS1)

Prepared: 02/13/18 Analyzed: 02/14/18

Benzene	0.110	0.0020	mg/kg	0.100		110	58-130			
Toluene	0.115	0.0050	"	0.100		115	61-134			
Ethylbenzene	0.129	0.0050	"	0.0992		131	74-139			
m,p-Xylene	0.251	0.010	"	0.200		126	73-137			
o-Xylene	0.122	0.0050	"	0.0980		124	73-141			
Xylenes (total)	0.373	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.02	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0413		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Matrix Spike (1802134-MS1)

Source: 1802120-01

Prepared: 02/13/18 Analyzed: 02/14/18

Benzene	0.115	0.0020	mg/kg	0.100	ND	115	30-131			
Toluene	0.146	0.0050	"	0.100	0.0370	109	30-134			
Ethylbenzene	0.138	0.0050	"	0.0992	0.00684	132	22-153			
m,p-Xylene	0.325	0.010	"	0.200	0.121	102	10-159			
o-Xylene	0.142	0.0050	"	0.0980	0.0280	116	31-151			
Xylenes (total)	0.468	0.0050	"		0.149		30-150			
Gasoline Range Hydrocarbons	3.79	0.50	"		1.79		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0433		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0411		"	0.0400		103	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

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 1802134 - EPA 5030 Soil MS

Matrix Spike Dup (1802134-MSD1)	Source: 1802120-01			Prepared: 02/13/18 Analyzed: 02/14/18						
Benzene	0.115	0.0020	mg/kg	0.100	ND	115	30-131	0.105	34	
Toluene	0.135	0.0050	"	0.100	0.0370	98.1	30-134	8.01	30	
Ethylbenzene	0.140	0.0050	"	0.0992	0.00684	134	22-153	1.34	24	
m,p-Xylene	0.314	0.010	"	0.200	0.121	96.9	10-159	3.46	68	
o-Xylene	0.141	0.0050	"	0.0980	0.0280	116	31-151	0.444	38	
Xylenes (total)	0.456	0.0050	"		0.149		30-150	2.53	20	
Gasoline Range Hydrocarbons	3.71	0.50	"		1.79		30-150	2.26	20	
Surrogate: 1,2-Dichloroethane-d4	0.0440		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		104	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/14/18 14:49

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 16, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/14/18 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-17@6'	1802142-01	Soil	02/14/18 11:45	02/14/18 15:00

Summit Scientific

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1802142

Page 1 of 1

Client: Talon/LPE - Bill to Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330 Fax:

Sampler Name: Jason Leverton

Project Manager: Colby Sterling

E-Mail: csterling@talonlpe.com and jgalles@talonlpe.com

Project Name: Razor 271

Project Number: 701530.054.03

[illegible]

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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

Sample Receipt Checklist

S2 Work Order: 18021A2

Client: TALON

Client Project ID: Razor 27I

Shipped Via: H.O.

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #:

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

Cooler ID					
Temp (°C)	<u>12.1</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Muri P.
Custodian Printed Name

MS 2-14-18
Signature or Initials of Custodian

16:00
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

SW-17@6'
1802142-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/14/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1802161	02/14/18	02/15/18	8015M	

Date Sampled: **02/14/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		111 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/14/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802160	02/14/18	02/14/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/14/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

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 1802161 - EPA 3550A

Blank (1802161-BLK1)

Prepared: 02/14/18 Analyzed: 02/15/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 13.0 " 12.5 104 30-150

LCS (1802161-BS1)

Prepared: 02/14/18 Analyzed: 02/15/18

C10-C28 (DRO) 670 50 mg/kg 499 134 73-134

Surrogate: o-Terphenyl 15.5 " 12.5 124 30-150

Matrix Spike (1802161-MS1)

Source: 1802140-02

Prepared: 02/14/18 Analyzed: 02/15/18

C10-C28 (DRO) 743 50 mg/kg 499 9.30 147 50-148

Surrogate: o-Terphenyl 15.8 " 12.5 126 30-150

Matrix Spike Dup (1802161-MSD1)

Source: 1802140-02

Prepared: 02/14/18 Analyzed: 02/15/18

C10-C28 (DRO) 711 50 mg/kg 499 9.30 141 50-148 4.37 20

Surrogate: o-Terphenyl 16.8 " 12.5 135 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

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 1802160 - EPA 5030 Soil MS

Blank (1802160-BLK1)

Prepared: 02/14/18 Analyzed: 02/15/18

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	0.0403		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

LCS (1802160-BS1)

Prepared: 02/14/18 Analyzed: 02/15/18

Benzene	0.106	0.0020	mg/kg	0.100		106	58-130			
Toluene	0.113	0.0050	"	0.100		113	61-134			
Ethylbenzene	0.124	0.0050	"	0.0992		125	74-139			
m,p-Xylene	0.243	0.010	"	0.200		122	73-137			
o-Xylene	0.116	0.0050	"	0.0980		118	73-141			
Xylenes (total)	0.359	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.72	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

Matrix Spike (1802160-MS1)

Source: 1802140-02

Prepared: 02/14/18 Analyzed: 02/15/18

Benzene	0.112	0.0020	mg/kg	0.100	ND	112	30-131			
Toluene	0.117	0.0050	"	0.100	ND	117	30-134			
Ethylbenzene	0.131	0.0050	"	0.0992	ND	132	22-153			
m,p-Xylene	0.255	0.010	"	0.200	ND	128	10-159			
o-Xylene	0.123	0.0050	"	0.0980	ND	126	31-151			
Xylenes (total)	0.378	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	2.96	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0438		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

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 1802160 - EPA 5030 Soil MS

Matrix Spike Dup (1802160-MSD1)	Source: 1802140-02			Prepared: 02/14/18 Analyzed: 02/15/18						
Benzene	0.112	0.0020	mg/kg	0.100	ND	112	30-131	0.429	34	
Toluene	0.118	0.0050	"	0.100	ND	118	30-134	1.17	30	
Ethylbenzene	0.134	0.0050	"	0.0992	ND	136	22-153	2.87	24	
m,p-Xylene	0.262	0.010	"	0.200	ND	131	10-159	2.57	68	
o-Xylene	0.127	0.0050	"	0.0980	ND	129	31-151	2.69	38	
Xylenes (total)	0.388	0.0050	"		ND		30-150	2.61	20	
Gasoline Range Hydrocarbons	3.08	0.50	"		ND		30-150	3.99	20	
Surrogate: 1,2-Dichloroethane-d4	0.0433		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/16/18 07:27

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 18, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/15/18 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-18@6'	1802164-01	Soil	02/15/18 12:30	02/15/18 15:45
SW-19@6'	1802164-02	Soil	02/15/18 12:35	02/15/18 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03

Project Manager: Colby Sterling

Reported:

02/18/18 14:08

1802164

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330 Fax:

Sampler Name: Jason Leverton

Project Manager: Colby Sterling

E-Mail: csterling@talonlpe.com and jgalles@talonlpe.com

Project Name: Razor 27I

Project Number: 701530.054.03

[illegible]

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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

1802164

Sample Receipt Checklist

S2 Work Order: _____
Client: Talon/LPE Client Project ID: Razor 27I
Shipped Via: PU Airbill #: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)

Cooler ID					
Temp (°C)	19.3				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/15/18 1630
Date/Time

[Signature]



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

SW-18@6'
1802164-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/15/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802180	02/15/18	02/16/18	8015M	

Date Sampled: **02/15/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/15/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802179	02/15/18	02/16/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/15/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

SW-19@6'
1802164-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/15/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	4900	50	mg/kg	1	1802180	02/15/18	02/16/18	8015M	

Date Sampled: **02/15/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		164 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/15/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.60	0.020	mg/kg	10	1802179	02/15/18	02/16/18	EPA 8260B	
Toluene	0.40	0.050	"	"	"	"	"	"	
Ethylbenzene	4.7	0.050	"	"	"	"	"	"	
Xylenes (total)	12	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	330	5.0	"	"	"	"	"	"	

Date Sampled: **02/15/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		109 %	21-167		"	"	"	"	

Summit Scientific

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

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 1802180 - EPA 3550A

Blank (1802180-BLK1)

Prepared: 02/15/18 Analyzed: 02/16/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 13.3 " 12.5 106 30-150

LCS (1802180-BS1)

Prepared: 02/15/18 Analyzed: 02/16/18

C10-C28 (DRO) 597 50 mg/kg 499 120 73-134

Surrogate: o-Terphenyl 14.0 " 12.5 112 30-150

Matrix Spike (1802180-MS1)

Source: 1802160-01

Prepared: 02/15/18 Analyzed: 02/16/18

C10-C28 (DRO) 733 50 mg/kg 499 11.3 145 50-148

Surrogate: o-Terphenyl 13.5 " 12.5 108 30-150

Matrix Spike Dup (1802180-MSD1)

Source: 1802160-01

Prepared: 02/15/18 Analyzed: 02/16/18

C10-C28 (DRO) 658 50 mg/kg 499 11.3 130 50-148 10.8 20

Surrogate: o-Terphenyl 17.6 " 12.5 141 30-150

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

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 1802179 - EPA 5030 Soil MS

Blank (1802179-BLK1)

Prepared: 02/15/18 Analyzed: 02/16/18

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	0.0411		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

LCS (1802179-BS1)

Prepared: 02/15/18 Analyzed: 02/16/18

Benzene	0.105	0.0020	mg/kg	0.100		105	58-130			
Toluene	0.111	0.0050	"	0.100		111	61-134			
Ethylbenzene	0.123	0.0050	"	0.0992		124	74-139			
m,p-Xylene	0.240	0.010	"	0.200		120	73-137			
o-Xylene	0.116	0.0050	"	0.0980		119	73-141			
Xylenes (total)	0.357	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.83	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1802179-MS1)

Source: 1802160-01

Prepared: 02/15/18 Analyzed: 02/16/18

Benzene	0.112	0.0020	mg/kg	0.100	ND	112	30-131			
Toluene	0.119	0.0050	"	0.100	ND	119	30-134			
Ethylbenzene	0.135	0.0050	"	0.0992	ND	136	22-153			
m,p-Xylene	0.268	0.010	"	0.200	0.00813	130	10-159			
o-Xylene	0.127	0.0050	"	0.0980	ND	129	31-151			
Xylenes (total)	0.395	0.0050	"		0.00813		30-150			
Gasoline Range Hydrocarbons	3.40	0.50	"		0.541		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0432		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

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 1802179 - EPA 5030 Soil MS

Matrix Spike Dup (1802179-MSD1)	Source: 1802160-01			Prepared: 02/15/18 Analyzed: 02/16/18						
Benzene	0.114	0.0020	mg/kg	0.100	ND	114	30-131	1.46	34	
Toluene	0.120	0.0050	"	0.100	ND	120	30-134	0.653	30	
Ethylbenzene	0.136	0.0050	"	0.0992	ND	138	22-153	1.26	24	
m,p-Xylene	0.271	0.010	"	0.200	0.00813	132	10-159	1.18	68	
o-Xylene	0.128	0.0050	"	0.0980	ND	131	31-151	1.18	38	
Xylenes (total)	0.399	0.0050	"		0.00813		30-150	1.18	20	
Gasoline Range Hydrocarbons	3.42	0.50	"		0.541		30-150	0.581	20	
Surrogate: 1,2-Dichloroethane-d4	0.0440		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0417		"	0.0400		104	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/18/18 14:08

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 21, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/19/18 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-20@6'	1802195-01	Soil	02/19/18 11:30	02/19/18 15:00
SW-21@6'	1802195-02	Soil	02/19/18 11:35	02/19/18 15:00
SW-22@6'	1802195-03	Soil	02/19/18 11:40	02/19/18 15:00
SW-23@6'	1802195-04	Soil	02/19/18 11:45	02/19/18 15:00
SW-24@6'	1802195-05	Soil	02/19/18 11:50	02/19/18 15:00

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1802195

Page 1 of 1

Client: Talon/LPE - Bill Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80525

Phone: 970-818-5330 Fax:

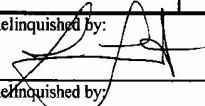
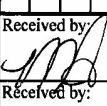
Sampler Name: Jason Leverton

Project Manager: Colby Sterling

E-Mail: csterling@talonlpe.com and jleverton@talonlpe.com

Project Name: Razor 27I

Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO												
SW-20 @ 6'	2/19/2018	1130	1		x			x				x	x												
SW-21 @ 6'	2/19/2018	1135	1		x			x				x	x												
SW-22 @ 6'	2/19/2018	1140	1		x			x				x	x												
SW-23 @ 6'	2/19/2018	1145	1		x			x				x	x												
SW-24 @ 6'	2/19/2018	1150	1		x			x				x	x												
Relinquished by: 	Date/Time: 2.19.18 15:00	Received by: 	Date/Time: 2/19/18 1500	Turn Around Time (Check)												Notes:									
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	<input type="checkbox"/>	72 Hours	<input type="checkbox"/>																		
				24 Hours	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>																		
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																					
				Temperature Upon Receipt: 15.3°C																					
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					

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Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

Sample Receipt Checklist

S2 Work Order: 1802195
Client: Talon/LPE Client Project ID: Razor 27I
Shipped Via: P/U (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____
Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____ (Describe)

Cooler ID					
Temp (°C)	<u>15.3</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/19/18 11:00
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

SW-20@6'
1802195-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/19/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802205	02/19/18	02/19/18	8015M	

Date Sampled: **02/19/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.4 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802204	02/19/18	02/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/19/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

SW-21@6'
1802195-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/19/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	9700	50	mg/kg	1	1802205	02/19/18	02/19/18	8015M	

Date Sampled: **02/19/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		144 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.012	0.0020	mg/kg	1	1802204	02/19/18	02/20/18	EPA 8260B	
Toluene	0.060	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.045	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.63	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	190	0.50	"	"	"	"	"	"	

Date Sampled: **02/19/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		141 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

SW-22@6'
1802195-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/19/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2800	50	mg/kg	1	1802205	02/19/18	02/19/18	8015M	

Date Sampled: **02/19/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.2 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802204	02/19/18	02/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0091	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	20	0.50	"	"	"	"	"	"	

Date Sampled: **02/19/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

SW-23@6'
1802195-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/19/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2300	50	mg/kg	1	1802205	02/19/18	02/19/18	8015M	

Date Sampled: **02/19/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.6 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.020	0.0020	mg/kg	1	1802204	02/19/18	02/20/18	EPA 8260B	
Toluene	0.15	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.13	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.41	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	48	0.50	"	"	"	"	"	"	

Date Sampled: **02/19/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

SW-24@6'
1802195-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/19/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802205	02/19/18	02/19/18	8015M	

Date Sampled: **02/19/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.0 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802204	02/19/18	02/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/19/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

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 1802205 - EPA 3550A

Blank (1802205-BLK1)

Prepared & Analyzed: 02/19/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 10.5 " 12.5 84.3 30-150

LCS (1802205-BS1)

Prepared & Analyzed: 02/19/18

C10-C28 (DRO) 466 50 mg/kg 499 93.4 73-134

Surrogate: o-Terphenyl 10.7 " 12.5 85.6 30-150

Matrix Spike (1802205-MS1)

Source: 1802195-01

Prepared & Analyzed: 02/19/18

C10-C28 (DRO) 457 50 mg/kg 499 ND 91.5 50-148

Surrogate: o-Terphenyl 9.82 " 12.5 78.5 30-150

Matrix Spike Dup (1802205-MSD1)

Source: 1802195-01

Prepared & Analyzed: 02/19/18

C10-C28 (DRO) 411 50 mg/kg 499 ND 82.4 50-148 10.5 20

Surrogate: o-Terphenyl 11.6 " 12.5 92.5 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

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 1802204 - EPA 5030 Soil MS

Blank (1802204-BLK1)

Prepared: 02/19/18 Analyzed: 02/21/18

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	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

LCS (1802204-BS1)

Prepared: 02/19/18 Analyzed: 02/21/18

Benzene	0.0984	0.0020	mg/kg	0.100		98.4	58-130			
Toluene	0.100	0.0050	"	0.100		100	61-134			
Ethylbenzene	0.111	0.0050	"	0.0992		112	74-139			
m,p-Xylene	0.207	0.010	"	0.200		104	73-137			
o-Xylene	0.102	0.0050	"	0.0980		104	73-141			
Xylenes (total)	0.309	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.16	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

Matrix Spike (1802204-MS1)

Source: 1802195-01

Prepared: 02/19/18 Analyzed: 02/21/18

Benzene	0.100	0.0020	mg/kg	0.100	ND	100	30-131			
Toluene	0.101	0.0050	"	0.100	ND	101	30-134			
Ethylbenzene	0.113	0.0050	"	0.0992	ND	114	22-153			
m,p-Xylene	0.213	0.010	"	0.200	ND	107	10-159			
o-Xylene	0.103	0.0050	"	0.0980	ND	105	31-151			
Xylenes (total)	0.315	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.24	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0408		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

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 1802204 - EPA 5030 Soil MS

Matrix Spike Dup (1802204-MSD1)	Source: 1802195-01			Prepared: 02/19/18		Analyzed: 02/21/18				
Benzene	0.100	0.0020	mg/kg	0.100	ND	100	30-131	0.240	34	
Toluene	0.0995	0.0050	"	0.100	ND	99.5	30-134	1.61	30	
Ethylbenzene	0.111	0.0050	"	0.0992	ND	112	22-153	2.07	24	
m,p-Xylene	0.206	0.010	"	0.200	ND	103	10-159	3.02	68	
o-Xylene	0.101	0.0050	"	0.0980	ND	104	31-151	1.12	38	
Xylenes (total)	0.308	0.0050	"		ND		30-150	2.40	20	
Gasoline Range Hydrocarbons	3.11	0.50	"		ND		30-150	4.06	20	
Surrogate: 1,2-Dichloroethane-d4	0.0445		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/21/18 13:19

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 25, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/21/18 15:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB-1	1802215-01	Soil	02/21/18 12:00	02/21/18 15:40
OB-2	1802215-02	Soil	02/21/18 12:05	02/21/18 15:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

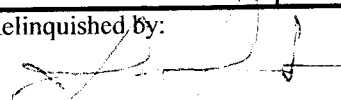
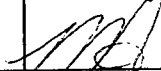
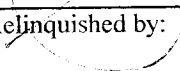
A handwritten signature in black ink, appearing to be 'MSM'.

1802215

303-277-9310 • 303-374-5933 Fax

Page 1 of 7

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.03

				Preservative				Matrix				Analyze For:										
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO								Special Instructions	
OB-1	2/21/2018	1200	1			X			X			X	X									
OB-2	2/21/2018	1205	1			X			X			X	X									
Relinquished by: 				Date/Time: 2.21.18 15:05		Received by: 		Date/Time: 2/22/18 1540		Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>											Notes: on ice	
Relinquished by: 				Date/Time:		Received by:		Date/Time:		Sample Integrity: Temperature Upon Receipt: 11.4°C Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												
Relinquished by:				Date/Time:		Received by:		Date/Time:														

Sample Receipt Checklist

S2 Work Order: 215

Client: Talon/LPE Client Project ID: Razor 2TI

Shipped Via: Hand
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	11.4				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/21/18 1545
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

OB-1
1802215-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/21/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802235	02/23/18	02/24/18	8015M	

Date Sampled: **02/21/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.7 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/21/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802234	02/23/18	02/24/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/21/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

OB-2
1802215-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/21/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802235	02/23/18	02/24/18	8015M	

Date Sampled: **02/21/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		66.3 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/21/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802234	02/23/18	02/24/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/21/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

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 1802235 - EPA 3550A

Blank (1802235-BLK1)

Prepared & Analyzed: 02/23/18

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: o-Terphenyl	9.92		"	12.5		79.4	30-150			

LCS (1802235-BS1)

Prepared & Analyzed: 02/23/18

C10-C28 (DRO)	429	50	mg/kg	499		86.0	73-134			
Surrogate: o-Terphenyl	10.8		"	12.5		86.5	30-150			

Matrix Spike (1802235-MS1)

Source: 1802245-03

Prepared & Analyzed: 02/23/18

C10-C28 (DRO)	411	50	mg/kg	499	ND	82.4	50-148			
Surrogate: o-Terphenyl	10.2		"	12.5		81.4	30-150			

Matrix Spike Dup (1802235-MSD1)

Source: 1802245-03

Prepared & Analyzed: 02/23/18

C10-C28 (DRO)	450	50	mg/kg	499	ND	90.2	50-148	9.00	20	
Surrogate: o-Terphenyl	11.8		"	12.5		94.5	30-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

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 1802234 - EPA 5030 Soil MS

Blank (1802234-BLK1)

Prepared & Analyzed: 02/23/18

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	0.0365		"	0.0400	91.4	23-173				
Surrogate: Toluene-d8	0.0404		"	0.0400	101	20-170				
Surrogate: 4-Bromofluorobenzene	0.0425		"	0.0400	106	21-167				

LCS (1802234-BS1)

Prepared & Analyzed: 02/23/18

Benzene	0.111	0.0020	mg/kg	0.100	111	58-130				
Toluene	0.118	0.0050	"	0.100	118	61-134				
Ethylbenzene	0.130	0.0050	"	0.0992	131	74-139				
m,p-Xylene	0.255	0.010	"	0.200	128	73-137				
o-Xylene	0.125	0.0050	"	0.0980	127	73-141				
Xylenes (total)	0.379	0.0050	"			30-150				
Gasoline Range Hydrocarbons	3.05	0.50	"			30-150				
Surrogate: 1,2-Dichloroethane-d4	0.0361		"	0.0400	90.2	23-173				
Surrogate: Toluene-d8	0.0407		"	0.0400	102	20-170				
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400	105	21-167				

Matrix Spike (1802234-MS1)

Source: 1802245-03

Prepared: 02/23/18 Analyzed: 02/24/18

Benzene	0.112	0.0020	mg/kg	0.100	ND	112	30-131			
Toluene	0.117	0.0050	"	0.100	ND	117	30-134			
Ethylbenzene	0.130	0.0050	"	0.0992	ND	131	22-153			
m,p-Xylene	0.258	0.010	"	0.200	ND	129	10-159			
o-Xylene	0.127	0.0050	"	0.0980	ND	129	31-151			
Xylenes (total)	0.385	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.03	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0379		"	0.0400	94.7	23-173				
Surrogate: Toluene-d8	0.0402		"	0.0400	100	20-170				
Surrogate: 4-Bromofluorobenzene	0.0426		"	0.0400	107	21-167				

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

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 1802234 - EPA 5030 Soil MS

Matrix Spike Dup (1802234-MSD1)		Source: 1802245-03			Prepared: 02/23/18		Analyzed: 02/24/18			
Benzene	0.114	0.0020	mg/kg	0.100	ND	114	30-131	1.97	34	
Toluene	0.120	0.0050	"	0.100	ND	120	30-134	2.15	30	
Ethylbenzene	0.136	0.0050	"	0.0992	ND	137	22-153	4.00	24	
m,p-Xylene	0.263	0.010	"	0.200	ND	132	10-159	1.99	68	
o-Xylene	0.128	0.0050	"	0.0980	ND	131	31-151	1.53	38	
Xylenes (total)	0.392	0.0050	"		ND		30-150	1.84	20	
Gasoline Range Hydrocarbons	3.12	0.50	"		ND		30-150	2.94	20	
Surrogate: 1,2-Dichloroethane-d4	0.0372		"	0.0400		93.0	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0433		"	0.0400		108	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/25/18 16:54

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 23, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/23/18 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-25@6'	1802230-01	Soil	02/22/18 12:15	02/23/18 15:45
SW-26@6'	1802230-02	Soil	02/22/18 12:20	02/23/18 15:45
SW-27@6'	1802230-03	Soil	02/22/18 12:25	02/23/18 15:45
SW-28@6'	1802230-04	Soil	02/22/18 12:30	02/23/18 15:45
SW-29@6'	1802230-05	Soil	02/22/18 12:35	02/23/18 15:45
SW-30@6'	1802230-06	Soil	02/22/18 12:40	02/23/18 15:45
SW-31@6'	1802230-07	Soil	02/22/18 12:45	02/23/18 15:45
BH-3@12'	1802230-08	Soil	02/22/18 12:50	02/23/18 15:45
BH-4@12'	1802230-09	Soil	02/22/18 12:55	02/23/18 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

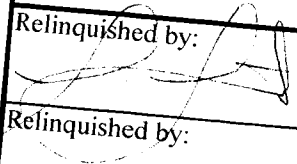
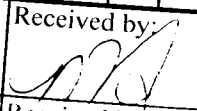
741 Corporate Circle Suite 1 • Golden, Colorado 80401
303-277-9310 • 303-374-5933 Fax

1802230

Page 1 of 1

Client: Talon/LPE - Bill Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80525
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.03

Sample Description				Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions					
							HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO																
SW-25 @ 6'				2/22/2018	1215	1																										
SW-26 @ 6'				2/22/2018	1220	1			X			X				X	X															
SW-27 @ 6'				2/22/2018	1225	1			X			X				X	X															
SW-28 @ 6'				2/22/2018	1230	1			X			X				X	X															
SW-29 @ 6'				2/22/2018	1235	1			X			X				X	X															
SW-30 @ 6'				2/22/2018	1240	1			X			X				X	X															
SW-31 @ 6'				2/22/2018	1245	1			X			X				X	X															
BH-3 @ 12'				2/22/2018	1250	1			X			X				X	X															
BH-4 @ 12'				2/22/2018	1255	1			X			X				X	X															
Relinquished by: 				Date/Time: 2/22/18 15:45	Received by: 				Date/Time: 2/22/18 16:15	Turn Around Time (Check)												Notes:										
Relinquished by:				Date/Time:	Received by:				Date/Time:	Same Day <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard <input type="checkbox"/>																						
Relinquished by:				Date/Time:	Received in Lab by:				Date/Time:	Sample Integrity: Temperature Upon Receipt: 19.1°C Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																						

Sample Receipt Checklist

S2 Work Order: 1802230

Client: Talon/LPE

Client Project ID: Razor 27E

Shipped Via: P/U

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	<u>19.1</u>				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/22/18 1645
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-25@6'
1802230-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802228	02/22/18	02/22/18	8015M	

Date Sampled: **02/22/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.1 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-26@6'
1802230-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802228	02/22/18	02/22/18	8015M	

Date Sampled: **02/22/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-27@6'
1802230-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	9600	50	mg/kg	1	1802228	02/22/18	02/22/18	8015M	

Date Sampled: **02/22/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		178 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.014	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	0.23	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.47	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.9	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	200	5.0	"	10	"	"	"	"	

Date Sampled: **02/22/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		235 %	21-167		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-28@6'
1802230-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	4400	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		80.7 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.037	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	0.019	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.068	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.064	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.2	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		3680 %	23-173		"	"	"	"	S-02
Surrogate: Toluene-d8		128 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		59800 %	21-167		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-29@6'
1802230-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	6300	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.20	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	0.92	0.050	"	10	"	"	"	"	
Ethylbenzene	0.51	0.0050	"	1	"	"	"	"	
Xylenes (total)	1.7	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	60	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		135 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-30@6'
1802230-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.92	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

SW-31@6'
1802230-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.6 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

BH-3@12'
1802230-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0050	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.020	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.6	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

BH-4@12'
1802230-09 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/22/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802228	02/22/18	02/23/18	8015M	

Date Sampled: **02/22/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802227	02/22/18	02/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0056	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.021	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **02/22/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

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 1802228 - EPA 3550A

Blank (1802228-BLK1)

Prepared & Analyzed: 02/22/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 13.5 " 12.5 108 30-150

LCS (1802228-BS1)

Prepared & Analyzed: 02/22/18

C10-C28 (DRO) 508 50 mg/kg 499 102 73-134

Surrogate: o-Terphenyl 13.3 " 12.5 107 30-150

Matrix Spike Dup (1802228-MSD1)

Source: 1802229-01

Prepared & Analyzed: 02/22/18

C10-C28 (DRO) 490 50 mg/kg 499 ND 98.1 50-148 20

Surrogate: o-Terphenyl 13.0 " 12.5 104 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

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 1802227 - EPA 5030 Soil MS

Blank (1802227-BLK1)

Prepared & Analyzed: 02/22/18

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	0.0402		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	21-167			

LCS (1802227-BS1)

Prepared & Analyzed: 02/22/18

Benzene	0.100	0.0020	mg/kg	0.100		100	58-130			
Toluene	0.104	0.0050	"	0.100		104	61-134			
Ethylbenzene	0.116	0.0050	"	0.0992		117	74-139			
m,p-Xylene	0.215	0.010	"	0.200		108	73-137			
o-Xylene	0.105	0.0050	"	0.0980		107	73-141			
Xylenes (total)	0.320	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.28	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		97.9	21-167			

Matrix Spike (1802227-MS1)

Source: 1802229-01

Prepared & Analyzed: 02/22/18

Benzene	0.100	0.0020	mg/kg	0.100	ND	100	30-131			
Toluene	0.100	0.0050	"	0.100	ND	100	30-134			
Ethylbenzene	0.113	0.0050	"	0.0992	ND	114	22-153			
m,p-Xylene	0.609	0.010	"	0.200	0.0273	292	10-159			
o-Xylene	0.107	0.0050	"	0.0980	ND	109	31-151			
Xylenes (total)	0.716	0.0050	"		0.0273		30-150			
Gasoline Range Hydrocarbons	13.4	0.50	"		3.34		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0428		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0388		"	0.0400		97.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0499		"	0.0400		125	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

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 1802227 - EPA 5030 Soil MS

Matrix Spike Dup (1802227-MSD1)		Source: 1802229-01			Prepared & Analyzed: 02/22/18					
Benzene	0.0987	0.0020	mg/kg	0.100	ND	98.7	30-131	1.81	34	
Toluene	0.100	0.0050	"	0.100	ND	100	30-134	0.269	30	
Ethylbenzene	0.114	0.0050	"	0.0992	ND	115	22-153	1.14	24	
m,p-Xylene	0.226	0.010	"	0.200	0.0273	99.4	10-159	91.9	68	QM-07
o-Xylene	0.106	0.0050	"	0.0980	ND	109	31-151	0.534	38	
Xylenes (total)	0.332	0.0050	"		0.0273		30-150	73.3	20	QM-07
Gasoline Range Hydrocarbons	5.25	0.50	"		3.34		30-150	87.4	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0421		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0436		"	0.0400		109	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.057.02
Project Manager: Colby Sterling

Reported:
02/23/18 16:02

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 28, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/27/18 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-32@6'	1802269-01	Soil	02/26/18 11:05	02/27/18 09:00

Summit Scientific

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1802269

Page 1 of 1

Client:	Talon/LPE - Bill Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80525
Phone:	970-818-5330
Fax:	
Sampler Name:	Jason Leverton

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.03

[illegible]

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

Sample Receipt Checklist

S2 Work Order: 1802268

Client: Talon

Client Project ID: Razor 27I

Shipped Via: P.V.

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	<u>5.9</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

Nurip
Custodian Printed Name

LA 2-27-18
Signature or Initials of Custodian

10:08
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

SW-32@6'
1802269-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/26/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802265	02/27/18	02/27/18	8015M	

Date Sampled: **02/26/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		65.5 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/26/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802264	02/27/18	02/27/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/26/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

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 1802265 - EPA 3550A

Blank (1802265-BLK1)

Prepared & Analyzed: 02/27/18

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: o-Terphenyl	11.0		"	12.5		88.1	30-150			

LCS (1802265-BS1)

Prepared & Analyzed: 02/27/18

C10-C28 (DRO)	458	50	mg/kg	499		91.8	73-134			
Surrogate: o-Terphenyl	11.1		"	12.5		88.8	30-150			

Matrix Spike (1802265-MS1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

C10-C28 (DRO)	407	50	mg/kg	499	21.3	77.4	50-148			
Surrogate: o-Terphenyl	9.19		"	12.5		73.5	30-150			

Matrix Spike Dup (1802265-MSD1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

C10-C28 (DRO)	453	50	mg/kg	499	21.3	86.5	50-148	10.6	20	
Surrogate: o-Terphenyl	11.6		"	12.5		92.9	30-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

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 1802264 - EPA 5030 Soil MS

Blank (1802264-BLK1)

Prepared & Analyzed: 02/27/18

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	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

LCS (1802264-BS1)

Prepared & Analyzed: 02/27/18

Benzene	0.0939	0.0020	mg/kg	0.100		93.9	58-130			
Toluene	0.0969	0.0050	"	0.100		96.9	61-134			
Ethylbenzene	0.113	0.0050	"	0.0992		114	74-139			
m,p-Xylene	0.206	0.010	"	0.200		103	73-137			
o-Xylene	0.100	0.0050	"	0.0980		102	73-141			
Xylenes (total)	0.307	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.14	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.2	21-167			

Matrix Spike (1802264-MS1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

Benzene	0.0958	0.0020	mg/kg	0.100	ND	95.8	30-131			
Toluene	0.0999	0.0050	"	0.100	ND	99.9	30-134			
Ethylbenzene	0.112	0.0050	"	0.0992	ND	112	22-153			
m,p-Xylene	0.208	0.010	"	0.200	0.00504	102	10-159			
o-Xylene	0.101	0.0050	"	0.0980	ND	103	31-151			
Xylenes (total)	0.309	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.23	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0432		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

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 1802264 - EPA 5030 Soil MS

Matrix Spike Dup (1802264-MSD1)		Source: 1802269-01			Prepared & Analyzed: 02/27/18					
Benzene	0.0962	0.0020	mg/kg	0.100	ND	96.2	30-131	0.469	34	
Toluene	0.0992	0.0050	"	0.100	ND	99.2	30-134	0.753	30	
Ethylbenzene	0.114	0.0050	"	0.0992	ND	115	22-153	2.21	24	
m,p-Xylene	0.211	0.010	"	0.200	0.00504	103	10-159	1.40	68	
o-Xylene	0.104	0.0050	"	0.0980	ND	106	31-151	2.63	38	
Xylenes (total)	0.315	0.0050	"		ND		30-150	1.81	20	
Gasoline Range Hydrocarbons	3.29	0.50	"		ND		30-150	1.59	20	
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:46

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 28, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/27/18 12:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-33@6'	1802271-01	Soil	02/27/18 12:30	02/27/18 12:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03

Project Manager: Colby Sterling

Reported:

02/28/18 07:47

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

186227

Page 1 of 1

Client: Talon/LPE - Bill Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80525

Phone: 970-818-5330 Fax:

Sampler Name: Jason Leverton

Project Manager: Colby Sterling

E-Mail: cssterling@talonlpe.com and jleverton@talonlpe.com

Project Name: Razor 27I

Project Number: 701530.054 03

[illegible]

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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

Sample Receipt Checklist

S2 Work Order: 1802271

Client: Talon/LPE

Client Project ID: Razor 27I

Shipped Via: P/U

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	21.4				

Thermometer ID: 61857155-K

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

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/27/18 1640
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

SW-33@6'
1802271-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 02/27/18 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802265	02/27/18	02/28/18	8015M	

Date Sampled: 02/27/18 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.2 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/27/18 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802264	02/27/18	02/28/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/27/18 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

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 1802265 - EPA 3550A

Blank (1802265-BLK1)

Prepared & Analyzed: 02/27/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 11.0 " 12.5 88.1 30-150

LCS (1802265-BS1)

Prepared & Analyzed: 02/27/18

C10-C28 (DRO) 458 50 mg/kg 499 91.8 73-134

Surrogate: o-Terphenyl 11.1 " 12.5 88.8 30-150

Matrix Spike (1802265-MS1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

C10-C28 (DRO) 407 50 mg/kg 499 21.3 77.4 50-148

Surrogate: o-Terphenyl 9.19 " 12.5 73.5 30-150

Matrix Spike Dup (1802265-MSD1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

C10-C28 (DRO) 453 50 mg/kg 499 21.3 86.5 50-148 10.6 20

Surrogate: o-Terphenyl 11.6 " 12.5 92.9 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

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 1802264 - EPA 5030 Soil MS

Blank (1802264-BLK1)

Prepared & Analyzed: 02/27/18

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	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

LCS (1802264-BS1)

Prepared & Analyzed: 02/27/18

Benzene	0.0939	0.0020	mg/kg	0.100		93.9	58-130			
Toluene	0.0969	0.0050	"	0.100		96.9	61-134			
Ethylbenzene	0.113	0.0050	"	0.0992		114	74-139			
m,p-Xylene	0.206	0.010	"	0.200		103	73-137			
o-Xylene	0.100	0.0050	"	0.0980		102	73-141			
Xylenes (total)	0.307	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.14	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.2	21-167			

Matrix Spike (1802264-MS1)

Source: 1802269-01

Prepared & Analyzed: 02/27/18

Benzene	0.0958	0.0020	mg/kg	0.100	ND	95.8	30-131			
Toluene	0.0999	0.0050	"	0.100	ND	99.9	30-134			
Ethylbenzene	0.112	0.0050	"	0.0992	ND	112	22-153			
m,p-Xylene	0.208	0.010	"	0.200	0.00504	102	10-159			
o-Xylene	0.101	0.0050	"	0.0980	ND	103	31-151			
Xylenes (total)	0.309	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.23	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0432		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

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 1802264 - EPA 5030 Soil MS

Matrix Spike Dup (1802264-MSD1)		Source: 1802269-01			Prepared & Analyzed: 02/27/18					
Benzene	0.0962	0.0020	mg/kg	0.100	ND	96.2	30-131	0.469	34	
Toluene	0.0992	0.0050	"	0.100	ND	99.2	30-134	0.753	30	
Ethylbenzene	0.114	0.0050	"	0.0992	ND	115	22-153	2.21	24	
m,p-Xylene	0.211	0.010	"	0.200	0.00504	103	10-159	1.40	68	
o-Xylene	0.104	0.0050	"	0.0980	ND	106	31-151	2.63	38	
Xylenes (total)	0.315	0.0050	"		ND		30-150	1.81	20	
Gasoline Range Hydrocarbons	3.29	0.50	"		ND		30-150	1.59	20	
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
02/28/18 07:47

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 01, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 02/28/18 14:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-34@6'	1802301-01	Soil	02/28/18 11:50	02/28/18 14:40

Summit Scientific

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401 180230)
303-277-9310 ♦ 303-374-5933 Fax

Client:	Talon/LPE - Bill Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80525
Phone:	970-818-5330
	Fax:
Sampler Name:	Jason Leverton

Project Manager:	Colby Sterling
E-Mail:	csterling@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.03

Page 1 of 1

[illegible]

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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

Sample Receipt Checklist

S2 Work Order: 1802301

Client: Talon/LPE

Client Project ID: Razor 27I

Shipped Via: P/U

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #:

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

Cooler ID					
Temp (°C)	<u>21.5</u>				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

2/28/18 1515
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

SW-34@6'
1802301-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/28/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1802275	02/28/18	02/28/18	8015M	

Date Sampled: **02/28/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.4 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/28/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1802274	02/28/18	02/28/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/28/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

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 1802275 - EPA 3550A

Blank (1802275-BLK1)

Prepared & Analyzed: 02/28/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 11.0 " 12.5 88.3 30-150

LCS (1802275-BS1)

Prepared & Analyzed: 02/28/18

C10-C28 (DRO) 389 50 mg/kg 499 77.9 73-134

Surrogate: o-Terphenyl 13.5 " 12.5 108 30-150

Matrix Spike (1802275-MS1)

Source: 1802302-01

Prepared & Analyzed: 02/28/18

C10-C28 (DRO) 425 50 mg/kg 499 15.9 82.1 50-148

Surrogate: o-Terphenyl 13.2 " 12.5 106 30-150

Matrix Spike Dup (1802275-MSD1)

Source: 1802302-01

Prepared & Analyzed: 02/28/18

C10-C28 (DRO) 420 50 mg/kg 499 15.9 81.1 50-148 1.18 20

Surrogate: o-Terphenyl 13.1 " 12.5 105 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

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 1802274 - EPA 5030 Soil MS

Blank (1802274-BLK1)

Prepared & Analyzed: 02/28/18

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	0.0341		"	0.0400		85.3	23-173			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0417		"	0.0400		104	21-167			

LCS (1802274-BS1)

Prepared & Analyzed: 02/28/18

Benzene	0.168	0.0020	mg/kg	0.150		112	58-130			
Toluene	0.146	0.0050	"	0.150		97.3	61-134			
Ethylbenzene	0.158	0.0050	"	0.150		105	74-139			
m,p-Xylene	0.325	0.010	"	0.300		108	73-137			
o-Xylene	0.160	0.0050	"	0.150		107	73-141			
Xylenes (total)	0.485	0.0050	"				30-150			
Gasoline Range Hydrocarbons	15.7	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0372		"	0.0400		93.1	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		101	21-167			

Matrix Spike (1802274-MS1)

Source: 1802302-01

Prepared & Analyzed: 02/28/18

Benzene	0.147	0.0020	mg/kg	0.150	ND	97.9	30-131			
Toluene	0.143	0.0050	"	0.150	ND	95.5	30-134			
Ethylbenzene	0.129	0.0050	"	0.150	ND	86.3	22-153			
m,p-Xylene	0.270	0.010	"	0.300	ND	89.9	10-159			
o-Xylene	0.134	0.0050	"	0.150	ND	89.4	31-151			
Xylenes (total)	0.404	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	13.0	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0448		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

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 1802274 - EPA 5030 Soil MS

Matrix Spike Dup (1802274-MSD1)		Source: 1802302-01			Prepared & Analyzed: 02/28/18					
Benzene	0.144	0.0020	mg/kg	0.150	ND	96.2	30-131	1.71	34	
Toluene	0.120	0.0050	"	0.150	ND	79.9	30-134	17.7	30	
Ethylbenzene	0.134	0.0050	"	0.150	ND	89.2	22-153	3.31	24	
m,p-Xylene	0.276	0.010	"	0.300	ND	91.9	10-159	2.10	68	
o-Xylene	0.139	0.0050	"	0.150	ND	92.9	31-151	3.93	38	
Xylenes (total)	0.415	0.0050	"		ND		30-150	2.71	20	
Gasoline Range Hydrocarbons	13.6	0.50	"		ND		30-150	4.68	20	
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/01/18 06:43

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 11, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 03/09/18 14:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-35@8'	1803118-01	Soil	03/09/18 11:40	03/09/18 14:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

18031/8

Page 1 of 1

Client: Talon/LPE - Bill to Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330 Fax:

Sampler Name: Colby Sterling

Project Manager: Colby Sterling

E-Mail: csterling@talonlpe.com and jgalles@talonlpe.com

Project Name: Razor 25B AZOR 27I (11)

Project Number: 701530.107.02

[illegible]

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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

Sample Receipt Checklist

S2 Work Order: 180318
Client: Talon/LPE Client Project ID: Razor ~~27B~~ 27I
Shipped Via: Hand (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____
Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____ (Describe)

Cooler ID					
Temp (°C)	<u>21.3</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HT's due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

3/9/18 1430
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

SW-35@8'
1803118-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/09/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	3700	50	mg/kg	1	1803125	03/09/18	03/10/18	8015M	

Date Sampled: **03/09/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		490 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/09/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.038	0.0020	mg/kg	1	1803126	"	03/10/18	EPA 8260B	
Toluene	0.20	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.018	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.2	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	47	0.50	"	"	"	"	"	"	

Date Sampled: **03/09/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

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 1803125 - EPA 3550A

Blank (1803125-BLK1)

Prepared: 03/09/18 Analyzed: 03/10/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.1 " 12.5 96.9 30-150

LCS (1803125-BS1)

Prepared: 03/09/18 Analyzed: 03/10/18

C10-C28 (DRO) 401 50 mg/kg 499 80.4 73-134

Surrogate: o-Terphenyl 14.1 " 12.5 113 30-150

Matrix Spike (1803125-MS1)

Source: 1803105-01

Prepared: 03/09/18 Analyzed: 03/10/18

C10-C28 (DRO) 421 50 mg/kg 499 17.3 81.0 50-148

Surrogate: o-Terphenyl 13.5 " 12.5 108 30-150

Matrix Spike Dup (1803125-MSD1)

Source: 1803105-01

Prepared: 03/09/18 Analyzed: 03/10/18

C10-C28 (DRO) 408 50 mg/kg 499 17.3 78.2 50-148 3.31 20

Surrogate: o-Terphenyl 13.2 " 12.5 106 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

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 1803126 - EPA 5030 Soil MS

Blank (1803126-BLK1)

Prepared: 03/09/18 Analyzed: 03/10/18

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	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0366		"	0.0400		91.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.8	21-167			

LCS (1803126-BS1)

Prepared: 03/09/18 Analyzed: 03/10/18

Benzene	0.140	0.0020	mg/kg	0.150		93.6	58-130			
Toluene	0.132	0.0050	"	0.150		87.7	61-134			
Ethylbenzene	0.135	0.0050	"	0.150		90.1	74-139			
m,p-Xylene	0.255	0.010	"	0.300		85.0	73-137			
o-Xylene	0.134	0.0050	"	0.150		89.2	73-141			
Xylenes (total)	0.389	0.0050	"				30-150			
Gasoline Range Hydrocarbons	13.1	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Matrix Spike (1803126-MS1)

Source: 1803105-01

Prepared: 03/09/18 Analyzed: 03/10/18

Benzene	0.110	0.0020	mg/kg	0.150	ND	73.5	30-131			
Toluene	0.102	0.0050	"	0.150	ND	68.3	30-134			
Ethylbenzene	0.104	0.0050	"	0.150	ND	69.2	22-153			
m,p-Xylene	0.195	0.010	"	0.300	ND	65.2	10-159			
o-Xylene	0.103	0.0050	"	0.150	ND	68.3	31-151			
Xylenes (total)	0.298	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	10.2	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0448		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0390		"	0.0400		97.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

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 1803126 - EPA 5030 Soil MS

Matrix Spike Dup (1803126-MSD1)		Source: 1803105-01			Prepared: 03/09/18		Analyzed: 03/10/18			
Benzene	0.119	0.0020	mg/kg	0.150	ND	79.3	30-131	7.64	34	
Toluene	0.111	0.0050	"	0.150	ND	73.7	30-134	7.58	30	
Ethylbenzene	0.117	0.0050	"	0.150	ND	77.7	22-153	11.7	24	
m,p-Xylene	0.220	0.010	"	0.300	ND	73.3	10-159	11.8	68	
o-Xylene	0.115	0.0050	"	0.150	ND	76.7	31-151	11.5	38	
Xylenes (total)	0.335	0.0050	"		ND		30-150	11.7	20	
Gasoline Range Hydrocarbons	11.2	0.50	"		ND		30-150	9.10	20	
Surrogate: 1,2-Dichloroethane-d4	0.0431		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0380		"	0.0400		95.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.107.02
Project Manager: Colby Sterling

Reported:
03/11/18 14:44

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 16, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 03/15/18 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-36@8'	1803201-01	Soil	03/15/18 14:10	03/15/18 16:00

Summit Scientific

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03

Project Manager: Colby Sterling

Reported:

03/16/18 06:23

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

180320

Page 1 of 1

Client: Talon/LPE - Bill Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80525

Phone: 970-818-5330 Fax:

Sampler Name: Jason Leverton/Levi Kirk

Project Manager: Colby Sterling

E-Mail: csterling@talonlpe.com and jleverton@talonlpe.com

Project Name: Razor 27I

Project Number: 701530.054.03

[illegible]

www.s2scientific.com

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

Sample Receipt Checklist

S2 Work Order: 1803201

Client: Talon

Client Project ID: Razor 27I

Shipped Via: P.U.

Airbill #:

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Temp (°C) 6.1

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples due within 48 hours present?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCL, H2SO4, NaOH, HNO3, etc.				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Muri
Custodian Printed Name or Initials

3-15-18
Signature of Custodian

12:45
Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

SW-36@8'
1803201-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 03/15/18 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	270	50	mg/kg	1	1803193	03/15/18	03/16/18	8015M	

Date Sampled: 03/15/18 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 03/15/18 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0064	0.0020	mg/kg	1	1803194	03/15/18	03/16/18	EPA 8260B	
Toluene	0.024	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0098	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.23	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	24	0.50	"	"	"	"	"	"	

Date Sampled: 03/15/18 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

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 1803193 - EPA 3550A

Blank (1803193-BLK1)

Prepared: 03/15/18 Analyzed: 03/16/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.0 " 12.5 95.8 30-150

LCS (1803193-BS1)

Prepared: 03/15/18 Analyzed: 03/16/18

C10-C28 (DRO) 377 50 mg/kg 499 75.5 73-134

Surrogate: o-Terphenyl 12.4 " 12.5 99.4 30-150

Matrix Spike (1803193-MS1)

Source: 1803199-01

Prepared: 03/15/18 Analyzed: 03/16/18

C10-C28 (DRO) 400 50 mg/kg 499 18.5 76.5 50-148

Surrogate: o-Terphenyl 12.9 " 12.5 103 30-150

Matrix Spike Dup (1803193-MSD1)

Source: 1803199-01

Prepared: 03/15/18 Analyzed: 03/16/18

C10-C28 (DRO) 412 50 mg/kg 499 18.5 78.8 50-148 2.84 20

Surrogate: o-Terphenyl 13.2 " 12.5 106 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

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 1803194 - EPA 5030 Soil MS

Blank (1803194-BLK1)

Prepared: 03/15/18 Analyzed: 03/16/18

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	0.0394		"	0.0400		98.5	23-173			
Surrogate: Toluene-d8	0.0365		"	0.0400		91.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0376		"	0.0400		94.1	21-167			

LCS (1803194-BS1)

Prepared: 03/15/18 Analyzed: 03/16/18

Benzene	0.0964	0.0020	mg/kg	0.100		96.4	58-130			
Toluene	0.0968	0.0050	"	0.100		96.8	61-134			
Ethylbenzene	0.110	0.0050	"	0.0992		111	74-139			
m,p-Xylene	0.203	0.010	"	0.200		102	73-137			
o-Xylene	0.0999	0.0050	"	0.0980		102	73-141			
Xylenes (total)	0.303	0.0050	"				30-150			
Gasoline Range Hydrocarbons	3.26	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0380		"	0.0400		95.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Matrix Spike (1803194-MS1)

Source: 1803189-01

Prepared: 03/15/18 Analyzed: 03/16/18

Benzene	0.0979	0.0020	mg/kg	0.100	ND	97.9	30-131			
Toluene	0.0984	0.0050	"	0.100	ND	98.4	30-134			
Ethylbenzene	0.111	0.0050	"	0.0992	ND	112	22-153			
m,p-Xylene	0.208	0.010	"	0.200	ND	104	10-159			
o-Xylene	0.102	0.0050	"	0.0980	ND	105	31-151			
Xylenes (total)	0.310	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.34	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

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 1803194 - EPA 5030 Soil MS

Matrix Spike Dup (1803194-MSD1)	Source: 1803189-01			Prepared: 03/15/18 Analyzed: 03/16/18						
Benzene	0.0996	0.0020	mg/kg	0.100	ND	99.6	30-131	1.73	34	
Toluene	0.0999	0.0050	"	0.100	ND	99.9	30-134	1.57	30	
Ethylbenzene	0.113	0.0050	"	0.0992	ND	114	22-153	1.71	24	
m,p-Xylene	0.210	0.010	"	0.200	ND	105	10-159	1.25	68	
o-Xylene	0.103	0.0050	"	0.0980	ND	105	31-151	0.875	38	
Xylenes (total)	0.314	0.0050	"		ND		30-150	1.13	20	
Gasoline Range Hydrocarbons	3.31	0.50	"		ND		30-150	0.678	20	
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
03/16/18 06:23

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 01, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 03/29/18 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-1A	1803370-01	Soil	03/29/18 12:05	03/29/18 15:20
CR-2A	1803370-02	Soil	03/29/18 12:10	03/29/18 15:20
CR-3A	1803370-03	Soil	03/29/18 12:15	03/29/18 15:20
CR-4A	1803370-04	Soil	03/29/18 12:20	03/29/18 15:20
CR-5A	1803370-05	Soil	03/29/18 12:25	03/29/18 15:20
CR-6A	1803370-06	Soil	03/29/18 12:30	03/29/18 15:20
CR-7A	1803370-07	Soil	03/29/18 12:35	03/29/18 15:20
CR-8A	1803370-08	Soil	03/29/18 12:40	03/29/18 15:20
CR-9A	1803370-09	Soil	03/29/18 12:45	03/29/18 15:20
CR-10A	1803370-10	Soil	03/29/18 12:50	03/29/18 15:20
CR-11A	1803370-11	Soil	03/29/18 12:55	03/29/18 15:20
CR-12A	1803370-12	Soil	03/29/18 13:00	03/29/18 15:20
CR-13A	1803370-13	Soil	03/29/18 13:05	03/29/18 15:20
CR-14A	1803370-14	Soil	03/29/18 13:10	03/29/18 15:20
CR-15A	1803370-15	Soil	03/29/18 13:15	03/29/18 15:20
CR-16A	1803370-16	Soil	03/29/18 13:20	03/29/18 15:20
CR-17A	1803370-17	Soil	03/29/18 13:25	03/29/18 15:20
CR-18A	1803370-18	Soil	03/29/18 13:30	03/29/18 15:20

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

Summit Scientific

1803370-1

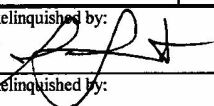
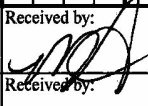
741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 2

Client: Talon/LPE - Bill Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80525
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton/Levi Kirk

Project Manager: Colby Sterling
E-Mail: csterling@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative			Matrix			Analyze For:										Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO								
CR-1A	3/29/2018	1205	1		x			x				x	x								
CR-2A	3/29/2018	1210	1		x			x				x	x								
CR-3A	3/29/2018	1215	1		x			x				x	x								
CR-4A	3/29/2018	1220	1		x			x				x	x								
CR-5A	3/29/2018	1225	1		x			x				x	x								
CR-6A	3/29/2018	1230	1		x			x				x	x								
CR-7A	3/29/2018	1235	1		x			x				x	x								
CR-8A	3/29/2018	1240	1		x			x				x	x								
CR-9A	3/29/2018	1245	1		x			x				x	x								
CR-10A	3/29/2018	1250	1		x			x				x	x								

Relinquished by: 	Date/Time: 3/29/18 15:20	Received by: 	Date/Time: 3/29/18 1520	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: 12.4°C Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:		

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

1803370.2

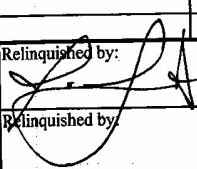
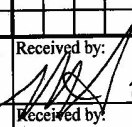
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303-277-9310 ♦ 303-374-5933 Fax

Page 2 of 2

Client: Talon/LPE - Bill Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80525
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton/Levi Kirk

Project Manager: Colby Sterling
E-Mail: csterling@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative			Matrix			Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO											
CR-11A	3/29/2018	1255	1		x			x				x	x											
CR-12A	3/29/2018	1300	1		x			x				x	x											
CR-13A	3/29/2018	1305	1		x			x				x	x											
CR-14A	3/29/2018	1310	1		x			x				x	x											
CR-55A	3/29/2018	1315	1		x			x				x	x											
CR-16A	3/29/2018	1320	1		x			x				x	x											
CR-17A	3/29/2018	1325	1		x			x				x	x											
CR-18A	3/29/2018	1330	1		x			x				x	x											
Relinquished by: 				Date/Time: 3.29.18 15:20	Received by: 				Date/Time: 3/29/18 1520	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>										Notes:				
Relinquished by:				Date/Time:	Received by:				Date/Time:	Sample Integrity: Temperature upon Receipt: 12.4°C Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
Relinquished by:				Date/Time:	Received in Lab by:				Date/Time:															

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

Sample Receipt Checklist

S2 Work Order: 1803320
Client: Talon Client Project ID: Razor 27I
Shipped Via: PL Airbill #: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Matrix (check all that apply): Air X Soil/Solid Water Other: _____
(Describe)

Temp (°C) 12.4

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCL, H2SO4, NaOH, HNO3, etc.			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-1A
1803370-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		100 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		84.6 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.6 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-2A
1803370-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	72	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.8	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.9 %	21-167		"	"	"	"	

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Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-3A
1803370-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.8 %	21-167		"	"	"	"	

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Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-4A
1803370-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	59	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.5 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-5A
1803370-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	100	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.6	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.4 %	21-167		"	"	"	"	

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Ft Collins CO, 80524

Project: Razor 27I
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Reported:
04/01/18 12:51

CR-6A
1803370-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	92	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		95.8 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.6	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.4 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-7A
1803370-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.2	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.8 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-8A
1803370-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/29/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.4 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-9A
1803370-09 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0055	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.3	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.4 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-10A
1803370-10 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		105 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.8	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		81.6 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.2 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-11A
1803370-11 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		87.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.7 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-12A
1803370-12 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	86	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.5 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-13A
1803370-13 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	97	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		105 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.011	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.2	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.0 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.9 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-14A
1803370-14 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.5 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-15A
1803370-15 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.0 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-16A
1803370-16 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		106 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85.4 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.5 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-17A
1803370-17 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.8 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.8	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.3 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

CR-18A
1803370-18 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	230	50	mg/kg	1	1803356	03/29/18	03/30/18	8015M	

Date Sampled: **03/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803355	03/29/18	03/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.8	0.50	"	"	"	"	"	"	

Date Sampled: **03/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.5 %	21-167		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

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 1803356 - EPA 3550A

Blank (1803356-BLK1)

Prepared: 03/29/18 Analyzed: 03/30/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.1 " 12.5 96.9 30-150

LCS (1803356-BS1)

Prepared: 03/29/18 Analyzed: 03/30/18

C10-C28 (DRO) 433 50 mg/kg 499 86.8 73-134

Surrogate: o-Terphenyl 13.6 " 12.5 109 30-150

Matrix Spike (1803356-MS1)

Source: 1803370-01

Prepared: 03/29/18 Analyzed: 03/30/18

C10-C28 (DRO) 586 50 mg/kg 499 172 82.9 50-148

Surrogate: o-Terphenyl 14.2 " 12.5 114 30-150

Matrix Spike Dup (1803356-MSD1)

Source: 1803370-01

Prepared: 03/29/18 Analyzed: 03/30/18

C10-C28 (DRO) 606 50 mg/kg 499 172 87.1 50-148 3.48 20

Surrogate: o-Terphenyl 10.5 " 12.5 83.9 30-150

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

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 1803355 - EPA 5030 Soil MS

Blank (1803355-BLK1)

Prepared & Analyzed: 03/29/18

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	0.0307		"	0.0400		76.8	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0329		"	0.0400		82.2	21-167			

LCS (1803355-BS1)

Prepared & Analyzed: 03/29/18

Benzene	0.0851	0.0020	mg/kg	0.100		85.1	58-130			
Toluene	0.0889	0.0050	"	0.100		88.9	61-134			
Ethylbenzene	0.0977	0.0050	"	0.0992		98.5	74-139			
m,p-Xylene	0.193	0.010	"	0.200		96.6	73-137			
o-Xylene	0.0949	0.0050	"	0.0980		96.8	73-141			
Xylenes (total)	0.288	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.06	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0326		"	0.0400		81.4	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0326		"	0.0400		81.5	21-167			

Matrix Spike (1803355-MS1)

Source: 1803370-01

Prepared & Analyzed: 03/29/18

Benzene	0.0769	0.0020	mg/kg	0.100	ND	76.9	30-131			
Toluene	0.0782	0.0050	"	0.100	ND	78.2	30-134			
Ethylbenzene	0.0810	0.0050	"	0.0992	ND	81.7	22-153			
m,p-Xylene	0.158	0.010	"	0.200	ND	78.9	10-159			
o-Xylene	0.0799	0.0050	"	0.0980	ND	81.6	31-151			
Xylenes (total)	0.237	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	2.06	0.50	"		2.47		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0335		"	0.0400		83.7	23-173			
Surrogate: Toluene-d8	0.0423		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0325		"	0.0400		81.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

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 1803355 - EPA 5030 Soil MS

Matrix Spike Dup (1803355-MSD1)	Source: 1803370-01			Prepared & Analyzed: 03/29/18						
Benzene	0.0765	0.0020	mg/kg	0.100	ND	76.5	30-131	0.430	34	
Toluene	0.0768	0.0050	"	0.100	ND	76.8	30-134	1.82	30	
Ethylbenzene	0.0776	0.0050	"	0.0992	ND	78.2	22-153	4.35	24	
m,p-Xylene	0.151	0.010	"	0.200	ND	75.8	10-159	4.00	68	
o-Xylene	0.0775	0.0050	"	0.0980	ND	79.1	31-151	3.05	38	
Xylenes (total)	0.229	0.0050	"		ND		30-150	3.68	20	
Gasoline Range Hydrocarbons	2.06	0.50	"		2.47		30-150	0.0889	20	
Surrogate: 1,2-Dichloroethane-d4	0.0327		"	0.0400		81.8	23-173			
Surrogate: Toluene-d8	0.0425		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0332		"	0.0400		83.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/01/18 12:51

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 02, 2018

Colby Sterling
Talon/LPE
1811 E Mulberry
Ft Collins, CO 80524
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 03/30/18 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 read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1B	1803394-01	Soil	03/30/18 12:00	03/30/18 17:10
2B	1803394-02	Soil	03/30/18 12:05	03/30/18 17:10
3B	1803394-03	Soil	03/30/18 12:10	03/30/18 17:10
4B	1803394-04	Soil	03/30/18 12:15	03/30/18 17:10
5B	1803394-05	Soil	03/30/18 12:20	03/30/18 17:10
6B	1803394-06	Soil	03/30/18 12:25	03/30/18 17:10
7B	1803394-07	Soil	03/30/18 12:30	03/30/18 17:10
8B	1803394-08	Soil	03/30/18 12:35	03/30/18 17:10
9B	1803394-09	Soil	03/30/18 12:40	03/30/18 17:10
10B	1803394-10	Soil	03/30/18 12:45	03/30/18 17:10
11B	1803394-11	Soil	03/30/18 12:50	03/30/18 17:10
12B	1803394-12	Soil	03/30/18 12:55	03/30/18 17:10
13B	1803394-13	Soil	03/30/18 13:00	03/30/18 17:10
14B	1803394-14	Soil	03/30/18 13:05	03/30/18 17:10
15B	1803394-15	Soil	03/30/18 13:10	03/30/18 17:10
16B	1803394-16	Soil	03/30/18 13:15	03/30/18 17:10
17B	1803394-17	Soil	03/30/18 13:20	03/30/18 17:10
18B	1803394-18	Soil	03/30/18 13:25	03/30/18 17:10
19B	1803394-19	Soil	03/30/18 13:30	03/30/18 17:10
20B	1803394-20	Soil	03/30/18 13:35	03/30/18 17:10
21B	1803394-21	Soil	03/30/18 13:40	03/30/18 17:10
22B	1803394-22	Soil	03/30/18 13:45	03/30/18 17:10
23B	1803394-23	Soil	03/30/18 13:50	03/30/18 17:10
24B	1803394-24	Soil	03/30/18 13:55	03/30/18 17:10
25B	1803394-25	Soil	03/30/18 14:10	03/30/18 17:10
26B	1803394-26	Soil	03/30/18 14:15	03/30/18 17:10
27B	1803394-27	Soil	03/30/18 14:00	03/30/18 17:10

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
28B	1803394-28	Soil	03/30/18 14:05	03/30/18 17:10

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1803394.

Page 1 of 3

Client:	Talon/LPE - Bill to Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80524
Phone:	970-818-5330
Fax:	
Sampler Name:	Jason Leverton/Levi Kirk

Project Manager:	Colby Sterling
E-Mail:	jgalles@talonipe.com and jlevertton@talonipe.com
Project Name:	Razor 271
Project Number:	701530.054.03

				Preservative			Matrix			Analyze For:										Special Instructions		
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO									
1B	3/30/2018	12:00	1			x			x			x	x									
2B	3/30/2018	12:05	1			x			x			x	x									
3B	3/30/2018	12:10	1			x			x			x	x									
4B	3/30/2018	12:15	1			x			x			x	x									
5B	3/30/2018	12:20	1			x			x			x	x									
6B	3/30/2018	12:25	1			x			x			x	x									
7B	3/30/2018	12:30	1			x			x			x	x									
8B	3/30/2018	12:35	1			x			x			x	x									
9B	3/30/2018	12:40	1			x			x			x	x									
10B	3/30/2018	12:45	1			x			x			x	x									
Relinquished by: <i>Don Koz</i>				Date/Time: 3/30/18		Received by: <i>Don Koz</i>				Date/Time: 3/30/18 12:40		Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>										
Relinquished by:				Date/Time:		Received by:				Date/Time:		Sample Integrity: Temperature Upon Receipt: 45 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
Relinquished by:				Date/Time:		Received in Lab by:				Date/Time:												

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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1803394.2

~~18033752~~

Page 2 of 3

Client: Talon/LPE - Bill to Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330 Fax:

Sampler Name: Jason Leverton/Levi Kirk

Project Manager: Colby Sterling

E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com

Project Name: Razor 27I

Project Number: 701530.054.03

				Preservative		Matrix		Analyze For:										Special Instructions				
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO									
11B	3/30/2018	12:50	1			x			x			x	x									
12B	3/30/2018	12:55	1			x			x			x	x									
13B	3/30/2018	13:00	1			x			x			x	x									
14B	3/30/2018	13:05	1			x			x			x	x									
15B	3/30/2018	13:10	1			x			x			x	x									
16B	3/30/2018	13:15	1			x			x			x	x									
17B	3/30/2018	13:20	1			x			x			x	x									
18B	3/30/2018	13:25	1			x			x			x	x									
19B	3/30/2018	13:30	1			x			x			x	x									
20B	3/30/2018	13:35	1			x			x			x	x									
Relinquished by: <i>Levi Burt</i>				Date/Time: <i>3/30/18</i>		Received by: <i>[Signature]</i>		Date/Time: <i>17:10</i>		Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>												
Relinquished by:				Date/Time:		Received by:		Date/Time:														
Relinquished by:				Date/Time:		Received in Lab by:		Date/Time:		Sample Integrity: Temperature Upon Receipt: _____ Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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1803394.3

Page 3 of 3

Client: Talon/LPE - Bill to Whiting

Address: 1811 East Mulberry

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330 Fax:

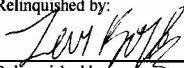
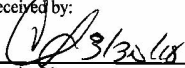
Sampler Name: Jason Leverton/Levi Kirk

Project Manager: Colby Sterling

E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com

Project Name: Razor 271

Project Number: 701530.054.03

				Preservative			Matrix			Analyze For:										Special Instructions		
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO									
21B	3/30/2018	13:40	1			x			x			x	x									
22B	3/30/2018	13:45	1			x			x			x	x									
23B	3/30/2018	13:50	1			x			x			x	x									
24B	3/30/2018	13:55	1			x			x			x	x									
25B	3/30/2018	14:10	1			x			x			x	x									
26B	3/30/2018	14:15	1			x			x			x	x									
27B	3/30/2018	14:00	1			x			x			x	x									
28B	3/30/2018	14:05	1			x			x			x	x									
Relinquished by: 				Date/Time: 3-30-18		Received by: 		Date/Time: 3/30/18 12:10		Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>												
Relinquished by:				Date/Time:		Received by:		Date/Time:														
Relinquished by:				Date/Time:		Received in Lab by:		Date/Time:		Sample Integrity: Temperature Upon Receipt: _____ Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

Sample Receipt Checklist

S2 Work Order: 1803394

Client: Talon Client Project ID: Razor 27I

Shipped Via: Hand (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____

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

Temp (°C)	
-----------	--

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	✓			
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCL, H2SO4, NaOH, HNO3, etc.			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name or Initials

Signature of Custodian

Date/Time

3/30/18 16:20



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

1B
1803394-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		118 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.8 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.5 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

2B
1803394-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		87.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

3B
1803394-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.8 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

4B
1803394-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		105 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.8 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.8 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

5B
1803394-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.0 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

6B
1803394-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.8 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

7B
1803394-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.3 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

8B
1803394-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	280	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.66	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.5 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

9B
1803394-09 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	230	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.55	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.6 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

10B
1803394-10 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		113 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.8 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

11B
1803394-11 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.8 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

12B
1803394-12 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	300	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.53	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

13B
1803394-13 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.4 %	21-167		"	"	"	"	

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Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
04/02/18 14:43

14B
1803394-14 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	360	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.0 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.016	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.78	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.8 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

15B
1803394-15 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	340	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.2 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.2 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

16B
1803394-16 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		112 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.60	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.4 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

17B
1803394-17 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	240	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.0 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

18B
1803394-18 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	260	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		112 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.1 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

19B
1803394-19 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.6 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
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20B
1803394-20 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		109 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.7 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.0 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
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21B
1803394-21 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	350	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0058	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.70	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
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Project Manager: Colby Sterling

Reported:
04/02/18 14:43

22B
1803394-22 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	240	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.1 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

23B
1803394-23 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	190	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.8 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

24B
1803394-24 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	530	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		158 %	30-150		"	"	"	"	QM-07

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0070	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.3 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
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25B
1803394-25 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	250	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.57	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.1 %	21-167		"	"	"	"	

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

26B
1803394-26 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	360	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		145 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.58	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.8 %	21-167		"	"	"	"	

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Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

27B
1803394-27 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	390	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		139 %	30-150		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/30/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.82	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.5 %	21-167		"	"	"	"	

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1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
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28B
1803394-28 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/30/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	290	50	mg/kg	1	1803373	03/30/18	03/31/18	8015M	

Date Sampled: **03/30/18 14:05**

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: **03/30/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1803372	03/30/18	03/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0071	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.80	0.50	"	"	"	"	"	"	

Date Sampled: **03/30/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.9 %	21-167		"	"	"	"	

Summit Scientific

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Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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 1803373 - EPA 3550A

Blank (1803373-BLK1)

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.4 " 12.5 99.4 30-150

LCS (1803373-BS1)

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) 419 50 mg/kg 499 84.1 73-134

Surrogate: o-Terphenyl 14.7 " 12.5 117 30-150

LCS (1803373-BS2)

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) 445 50 mg/kg 499 89.2 73-134

Surrogate: o-Terphenyl 14.7 " 12.5 117 30-150

Matrix Spike (1803373-MS1)

Source: 1803394-01

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) 714 50 mg/kg 499 194 104 50-148

Surrogate: o-Terphenyl 10.5 " 12.5 84.4 30-150

Matrix Spike Dup (1803373-MSD1)

Source: 1803394-01

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) 757 50 mg/kg 499 194 113 50-148 5.85 20

Surrogate: o-Terphenyl 11.7 " 12.5 93.7 30-150

Matrix Spike Dup (1803373-MSD2)

Source: 1803394-02

Prepared: 03/30/18 Analyzed: 03/31/18

C10-C28 (DRO) 698 50 mg/kg 499 136 113 50-148 20 QM-07

Surrogate: o-Terphenyl 17.6 " 12.5 141 30-150

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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 1803372 - EPA 5030 Soil MS

Blank (1803372-BLK1)

Prepared: 03/30/18 Analyzed: 03/31/18

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	0.0348		"	0.0400		86.9	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.5	21-167			

LCS (1803372-BS1)

Prepared: 03/30/18 Analyzed: 03/31/18

Benzene	0.0913	0.0020	mg/kg	0.100		91.3	58-130			
Toluene	0.107	0.0050	"	0.100		107	61-134			
Ethylbenzene	0.121	0.0050	"	0.0992		122	74-139			
m,p-Xylene	0.247	0.010	"	0.200		124	73-137			
o-Xylene	0.119	0.0050	"	0.0980		121	73-141			
Xylenes (total)	0.366	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.49	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0335		"	0.0400		83.7	23-173			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0400		95.9	21-167			

LCS (1803372-BS2)

Prepared: 03/30/18 Analyzed: 03/31/18

Benzene	0.0928	0.0020	mg/kg	0.100		92.8	58-130			
Toluene	0.105	0.0050	"	0.100		105	61-134			
Ethylbenzene	0.121	0.0050	"	0.0992		121	74-139			
m,p-Xylene	0.248	0.010	"	0.200		124	73-137			
o-Xylene	0.117	0.0050	"	0.0980		120	73-141			
Xylenes (total)	0.365	0.0050	"				30-150			
Gasoline Range Hydrocarbons	2.47	0.50	"				30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0344		"	0.0400		85.9	23-173			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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 1803372 - EPA 5030 Soil MS

Matrix Spike (1803372-MS1)

Source: 1803394-01

Prepared: 03/30/18 Analyzed: 03/31/18

Benzene	0.0900	0.0020	mg/kg	0.100	ND	90.0	30-131			
Toluene	0.104	0.0050	"	0.100	ND	104	30-134			
Ethylbenzene	0.118	0.0050	"	0.0992	ND	119	22-153			
m,p-Xylene	0.246	0.010	"	0.200	ND	123	10-159			
o-Xylene	0.125	0.0050	"	0.0980	ND	127	31-151			
Xylenes (total)	0.371	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	2.92	0.50	"		0.460		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0400		91.4	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0376		"	0.0400		94.1	21-167			

Matrix Spike (1803372-MS2)

Source: 1803394-02

Prepared: 03/30/18 Analyzed: 03/31/18

Benzene	0.0908	0.0020	mg/kg	0.100	ND	90.8	30-131			
Toluene	0.105	0.0050	"	0.100	ND	105	30-134			
Ethylbenzene	0.122	0.0050	"	0.0992	ND	123	22-153			
m,p-Xylene	0.250	0.010	"	0.200	ND	125	10-159			
o-Xylene	0.122	0.0050	"	0.0980	ND	125	31-151			
Xylenes (total)	0.373	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	2.62	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0356		"	0.0400		88.9	23-173			
Surrogate: Toluene-d8	0.0365		"	0.0400		91.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.4	21-167			

Matrix Spike Dup (1803372-MSD1)

Source: 1803394-01

Prepared: 03/30/18 Analyzed: 03/31/18

Benzene	0.0910	0.0020	mg/kg	0.100	ND	91.0	30-131	1.16	34	
Toluene	0.108	0.0050	"	0.100	ND	108	30-134	4.00	30	
Ethylbenzene	0.119	0.0050	"	0.0992	ND	120	22-153	0.203	24	
m,p-Xylene	0.245	0.010	"	0.200	ND	123	10-159	0.366	68	
o-Xylene	0.122	0.0050	"	0.0980	ND	124	31-151	2.19	38	
Xylenes (total)	0.367	0.0050	"		ND		30-150	0.976	20	
Gasoline Range Hydrocarbons	2.87	0.50	"		0.460		30-150	1.86	20	
Surrogate: 1,2-Dichloroethane-d4	0.0379		"	0.0400		94.7	23-173			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.4	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

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 1803372 - EPA 5030 Soil MS

Matrix Spike Dup (1803372-MSD2)		Source: 1803394-02			Prepared: 03/30/18		Analyzed: 03/31/18			
Benzene	0.0917	0.0020	mg/kg	0.100	ND	91.7	30-131	0.986	34	
Toluene	0.106	0.0050	"	0.100	ND	106	30-134	0.968	30	
Ethylbenzene	0.119	0.0050	"	0.0992	ND	120	22-153	1.97	24	
m,p-Xylene	0.244	0.010	"	0.200	ND	122	10-159	2.63	68	
o-Xylene	0.118	0.0050	"	0.0980	ND	120	31-151	3.73	38	
Xylenes (total)	0.362	0.0050	"		ND		30-150	2.99	20	
Gasoline Range Hydrocarbons	2.58	0.50	"		ND		30-150	1.37	20	
Surrogate: 1,2-Dichloroethane-d4	0.0354		"	0.0400		88.4	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

Summit Scientific

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Talon/LPE
1811 E Mulberry
Ft Collins CO, 80524

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Colby Sterling

Reported:
04/02/18 14:43

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 13, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27 I

Enclosed are the results of analyses for samples received by Summit Scientific on 04/06/18 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-19A	1804149-01	Soil	04/06/18 10:30	04/06/18 15:00
CR-20A	1804149-02	Soil	04/06/18 10:35	04/06/18 15:00
CR-21A	1804149-03	Soil	04/06/18 10:40	04/06/18 15:00
CR-22A	1804149-04	Soil	04/06/18 10:45	04/06/18 15:00
CR-23A	1804149-05	Soil	04/06/18 10:50	04/06/18 15:00
CR-24A	1804149-06	Soil	04/06/18 11:00	04/06/18 15:00
CR-25A	1804149-07	Soil	04/06/18 11:05	04/06/18 15:00
CR-26A	1804149-08	Soil	04/06/18 11:10	04/06/18 15:00
CR-27A	1804149-09	Soil	04/06/18 11:15	04/06/18 15:00
CR-28A	1804149-10	Soil	04/06/18 11:20	04/06/18 15:00
CR-29A	1804149-11	Soil	04/06/18 11:25	04/06/18 15:00
CR-30A	1804149-12	Soil	04/06/18 11:30	04/06/18 15:00
CR-31A	1804149-13	Soil	04/06/18 11:35	04/06/18 15:00
CR-32A	1804149-14	Soil	04/06/18 11:40	04/06/18 15:00
CR-33A	1804149-15	Soil	04/06/18 11:45	04/06/18 15:00
CR-34A	1804149-16	Soil	04/06/18 11:50	04/06/18 15:00
CR-35A	1804149-17	Soil	04/06/18 11:55	04/06/18 15:00
CR-36A	1804149-18	Soil	04/06/18 12:00	04/06/18 15:00

Summit Scientific

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1804149.1

Page 1 of 2

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27 I
Project Number:	701530.054.03

				Preservative				Matrix				Analyze For:									
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX							Special Instructions	
CR-19A	4/6/2018	10:30	1			x			x			x	x								
CR-20A	4/6/2018	10:35	1			x			x			x	x								
CR-21A	4/6/2018	10:40	1			x			x			x	x								
CR-22A	4/6/2018	10:45	1			x			x			x	x								
CR-23A	4/6/2018	10:50	1			x			x			x	x								
CR-24A	4/6/2018	11:00	1			x			x			x	x								
CR-25A	4/6/2018	11:05	1			x			x			x	x								
CR-26A	4/6/2018	11:10	1			x			x			x	x								
CR-27A	4/6/2018	11:15	1			x			x			x	x								
CR-28A	4/6/2018	11:20	1			x			x			x	x								
Relinquished by: <i>Zein G. [Signature]</i> Date/Time: 4-6-18 1500				Received by: <i>[Signature]</i> Date/Time: 4/6/18 1500				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>													
Relinquished by: _____ Date/Time: _____				Received by: _____ Date/Time: _____				Sample Integrity: Temperature Upon Receipt: 10.9°C Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
Relinquished by: _____ Date/Time: _____				Received in Lab by: _____ Date/Time: _____				on ice													

Summit Scientific

Page 2 of 2

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27 I
Project Number:	701530.054.03

				Preservative				Matrix				Analyze For:											
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX										Special Instructions
CR-29A	4/6/2018	11:25	1			x			x			x	x										
CR-30A	4/6/2018	11:30	1			x			x			x	x										
CR-31A	4/6/2018	11:35	1			x			x			x	x										
CR-32A	4/6/2018	11:40	1			x			x			x	x										
CR-33A	4/6/2018	11:45	1			x			x			x	x										
CR-34A	4/6/2018	11:50	1			x			x			x	x										
CR-35A	4/6/2018	11:55	1			x			x			x	x										
CR-36A	4/6/2018	12:00	1			x			x			x	x										
Relinquished by: <i>Levi King</i> Date/Time: 4-6-18 1500				Received by: <i>WMA</i> Date/Time: 4/6/18 1500				Turn Around Time (Check)															on ice
Relinquished by:				Received by:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>															
Relinquished by:				Received in Lab by:				Sample Integrity: Temperature Upon Receipt: 10.9°C Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															

Sample Receipt Checklist

S2 Work Order:

1804149

Client:

Talon/LPE

Client Project ID:

Razor 27I

Shipped Via:

Hand

Airbill #:

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Matrix (check all that apply):

Air

☒

Soil/Solid

Water

Other:

(Describe)

Cooler ID					
Temp (°C)	10.9				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Custodian Printed Name

Naketa

Signature of Initials of Custodian

[Signature]

Date/Time

4/6/18 1500



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-19A
1804149-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0052	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		119 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	160	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-20A
1804149-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.72	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		94.5 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		105 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-21A
1804149-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-22A
1804149-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.86	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		121 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		119 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-23A
1804149-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.95	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	250	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		131 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-24A
1804149-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.69	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	80-124		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-25A
1804149-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.022	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	260	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		125 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-26A
1804149-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0057	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	260	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		127 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-27A
1804149-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0068	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		119 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		93.0 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	390	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		144 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-28A
1804149-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.012	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.8	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		93.9 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	400	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		138 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-29A
1804149-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.3	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		95.7 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	370	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		140 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-30A
1804149-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.011	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.7	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	430	50	mg/kg	1	1804043	04/07/18	04/07/18	EPA 8015M	

Date Sampled: **04/06/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		142 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-31A
1804149-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.92	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		123 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		99.3 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-32A
1804149-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		123 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-33A
1804149-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.88	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		97.1 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		126 %	80-124		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-34A
1804149-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		95.7 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	80-124		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-35A
1804149-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.85	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	61	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	80-124		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

CR-36A
1804149-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/06/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804044	04/06/18	04/07/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.017	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **04/06/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	81-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	57-173		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/06/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1804043	04/07/18	04/08/18	EPA 8015M	

Date Sampled: **04/06/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		113 %	80-124		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

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 1804044 - EPA 5030 Soil MS

Blank (1804044-BLK1)

Prepared & Analyzed: 04/06/18

Benzene	ND	0.0050	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0396		109	75-125			
Surrogate: Toluene-d8	0.0380		"	0.0400		95.0	81-119			
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	57-173			

LCS (1804044-BS1)

Prepared & Analyzed: 04/06/18

Benzene	0.0762	0.0050	mg/kg	0.100		76.2	70-130			
Toluene	0.0878	0.0050	"	0.100		87.8	70-130			
Ethylbenzene	0.104	0.0050	"	0.100		104	70-130			
m,p-Xylene	0.204	0.010	"	0.200		102	70-130			
o-Xylene	0.100	0.0050	"	0.100		100	70-130			
Xylenes (total)	0.304	0.0050	"				70-130			
Gasoline Range Hydrocarbons	2.67	0.50	"				0-200			
Surrogate: 1,2-Dichloroethane-d4	0.0436		"	0.0396		110	75-125			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.7	81-119			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	57-173			

Matrix Spike (1804044-MS1)

Source: 1804149-01

Prepared & Analyzed: 04/06/18

Benzene	0.0760	0.0050	mg/kg	0.100	ND	76.0	70-130			
Toluene	0.0888	0.0050	"	0.100	ND	88.8	70-130			
Ethylbenzene	0.102	0.0050	"	0.100	ND	102	70-130			
m,p-Xylene	0.203	0.010	"	0.200	ND	101	70-130			
o-Xylene	0.104	0.0050	"	0.100	0.00522	99.0	70-130			
Xylenes (total)	0.307	0.0050	"		0.00522		70-130			
Gasoline Range Hydrocarbons	3.15	0.50	"		1.07		70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0483		"	0.0396		122	75-125			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.2	81-119			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	57-173			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

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 1804044 - EPA 5030 Soil MS

Matrix Spike Dup (1804044-MSD1)		Source: 1804149-01			Prepared & Analyzed: 04/06/18					
Benzene	0.0754	0.0050	mg/kg	0.100	ND	75.4	70-130	0.753	20	
Toluene	0.0892	0.0050	"	0.100	ND	89.2	70-130	0.472	20	
Ethylbenzene	0.104	0.0050	"	0.100	ND	104	70-130	1.75	20	
m,p-Xylene	0.206	0.010	"	0.200	ND	103	70-130	1.75	20	
o-Xylene	0.106	0.0050	"	0.100	0.00522	101	70-130	1.83	20	
Xylenes (total)	0.312	0.0050	"		0.00522		70-130	1.77	20	
Gasoline Range Hydrocarbons	3.42	0.50	"		1.07		70-130	7.97	20	
Surrogate: 1,2-Dichloroethane-d4	0.0460		"	0.0396		116	75-125			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.2	81-119			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	57-173			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

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 1804043 - EPA 3550A

Blank (1804043-BLK1)

Prepared & Analyzed: 04/07/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1804043-BS1)

Prepared & Analyzed: 04/07/18

C10-C28 (DRO) 573 50 mg/kg 500 115 81.4-129

Matrix Spike (1804043-MS1)

Source: 1804149-01

Prepared & Analyzed: 04/07/18

C10-C28 (DRO) 684 50 mg/kg 500 161 104 77.8-133

Matrix Spike Dup (1804043-MSD1)

Source: 1804149-01

Prepared & Analyzed: 04/07/18

C10-C28 (DRO) 678 50 mg/kg 500 161 103 77.8-133 0.815 8.48

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27 I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/13/18 10:42

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 19, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 04/11/18 14:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-24B-2	1804200-01	Soil	04/11/18 11:30	04/11/18 14:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27 I
Project Number:	701530.054.03

[illegible]

Sample Receipt Checklist

S2 Work Order: 1804200

Client: Talon/LPE

Client Project ID: Razor 271

Shipped Via: Hand

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

(Describe)

Cooler ID					
Temp (°C)	12.9				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			✓	

Additional Comments (if any):

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

4/11/18 1445
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

CR-24B-2
1804200-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/11/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	1804041	04/12/18	04/13/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0057	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **04/11/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/11/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	360	50	mg/kg	1	1804042	04/12/18	04/13/18	EPA 8015M	

Date Sampled: **04/11/18 11:30**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

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 1804041 - EPA 5030 Soil MS

Blank (1804041-BLK1)

Prepared: 04/12/18 Analyzed: 04/13/18

Benzene	ND	0.0050	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	0.0417		"	0.0396	105	23-173
Surrogate: Toluene-d8	0.0381		"	0.0400	95.2	20-170
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400	96.2	21-167

LCS (1804041-BS1)

Prepared: 04/12/18 Analyzed: 04/13/18

Benzene	0.0758	0.0050	mg/kg	0.100	75.8	70-130
Toluene	0.0886	0.0050	"	0.100	88.6	70-130
Ethylbenzene	0.104	0.0050	"	0.100	104	70-130
m,p-Xylene	0.203	0.010	"	0.200	102	70-130
o-Xylene	0.0998	0.0050	"	0.100	99.8	70-130
Xylenes (total)	0.303	0.0050	"			70-130
Gasoline Range Hydrocarbons	2.64	0.50	"			0-200

Surrogate: 1,2-Dichloroethane-d4	0.0441		"	0.0396	111	23-173
Surrogate: Toluene-d8	0.0385		"	0.0400	96.3	20-170
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400	98.8	21-167

Matrix Spike (1804041-MS1)

Source: 1804172-01

Prepared: 04/12/18 Analyzed: 04/13/18

Benzene	0.0754	0.0050	mg/kg	0.100	ND	75.4	70-130
Toluene	0.0856	0.0050	"	0.100	ND	85.6	70-130
Ethylbenzene	0.107	0.0050	"	0.100	0.00744	99.2	70-130
m,p-Xylene	0.205	0.010	"	0.200	ND	102	70-130
o-Xylene	0.100	0.0050	"	0.100	0.00717	93.3	70-130
Xylenes (total)	0.305	0.0050	"		0.00717		70-130
Gasoline Range Hydrocarbons	34.1	0.50	"		626		70-130

Surrogate: 1,2-Dichloroethane-d4	0.0448		"	0.0396	113	23-173
Surrogate: Toluene-d8	0.0377		"	0.0400	94.3	20-170
Surrogate: 4-Bromofluorobenzene	0.0880		"	0.0400	220	21-167

S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

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 1804041 - EPA 5030 Soil MS

Matrix Spike Dup (1804041-MSD1)		Source: 1804172-01			Prepared: 04/12/18 Analyzed: 04/13/18					
Benzene	0.0755	0.0050	mg/kg	0.100	ND	75.5	70-130	0.119	20	
Toluene	0.0854	0.0050	"	0.100	ND	85.4	70-130	0.281	20	
Ethylbenzene	0.104	0.0050	"	0.100	0.00744	96.5	70-130	2.51	20	
m,p-Xylene	0.197	0.010	"	0.200	ND	98.7	70-130	3.57	20	
o-Xylene	0.0980	0.0050	"	0.100	0.00717	90.8	70-130	2.51	20	
Xylenes (total)	0.295	0.0050	"		0.00717		70-130	3.22	20	
Gasoline Range Hydrocarbons	29.8	0.50	"		626		70-130	13.4	20	
Surrogate: 1,2-Dichloroethane-d4	0.0463		"	0.0396		117	23-173			
Surrogate: Toluene-d8	0.0381		"	0.0400		95.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0848		"	0.0400		212	21-167			S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

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 1804042 - EPA 3550A

Blank (1804042-BLK1)

Prepared: 04/12/18 Analyzed: 04/13/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1804042-BS1)

Prepared & Analyzed: 04/12/18

C10-C28 (DRO) 550 50 mg/kg 500 110 81.4-129

Matrix Spike (1804042-MS1)

Source: 1804172-01

Prepared & Analyzed: 04/12/18

C10-C28 (DRO) 576 50 mg/kg 500 ND 115 77.8-133

Matrix Spike Dup (1804042-MSD1)

Source: 1804172-01

Prepared & Analyzed: 04/12/18

C10-C28 (DRO) 548 50 mg/kg 500 ND 110 77.8-133 5.08 8.48

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/19/18 13:05

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 25, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 04/17/18 16:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-29B	1804263-01	Soil	04/16/18 14:35	04/17/18 16:05
CR-30B	1804263-02	Soil	04/16/18 14:40	04/17/18 16:05
CR-31B	1804263-03	Soil	04/16/18 14:45	04/17/18 16:05
CR-32B	1804263-04	Soil	04/16/18 14:50	04/17/18 16:05
CR-33B	1804263-05	Soil	04/16/18 14:55	04/17/18 16:05
CR-34B	1804263-06	Soil	04/16/18 15:00	04/17/18 16:05
CR-35B	1804263-07	Soil	04/16/18 15:05	04/17/18 16:05
CR-36B	1804263-08	Soil	04/16/18 15:10	04/17/18 16:05
CR-37B	1804263-09	Soil	04/16/18 15:15	04/17/18 16:05
CR-38B	1804263-10	Soil	04/16/18 15:20	04/17/18 16:05
CR-39B	1804263-11	Soil	04/16/18 15:25	04/17/18 16:05
CR-40B	1804263-12	Soil	04/16/18 15:30	04/17/18 16:05
CR-41B	1804263-13	Soil	04/16/18 15:35	04/17/18 16:05
CR-42B	1804263-14	Soil	04/16/18 15:40	04/17/18 16:05
CR-43B	1804263-15	Soil	04/16/18 15:45	04/17/18 16:05
CR-44B	1804263-16	Soil	04/16/18 15:50	04/17/18 16:05
CR-45B	1804263-17	Soil	04/16/18 15:55	04/17/18 16:05
CR-46B	1804263-18	Soil	04/16/18 16:00	04/17/18 16:05
CR-47B	1804263-19	Soil	04/16/18 16:05	04/17/18 16:05
CR-48B	1804263-20	Soil	04/16/18 16:10	04/17/18 16:05
CR-49B	1804263-21	Soil	04/16/18 16:20	04/17/18 16:05
CR-50B	1804263-22	Soil	04/16/18 16:25	04/17/18 16:05
CR-51B	1804263-23	Soil	04/16/18 16:30	04/17/18 16:05
CR-52B	1804263-24	Soil	04/16/18 16:35	04/17/18 16:05
CR-53B	1804263-25	Soil	04/16/18 16:40	04/17/18 16:05
CR-54B	1804263-26	Soil	04/16/18 16:45	04/17/18 16:05
CR-55B	1804263-27	Soil	04/16/18 16:50	04/17/18 16:05

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-56B	1804263-28	Soil	04/16/18 16:55	04/17/18 16:05

Summit Scientific

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

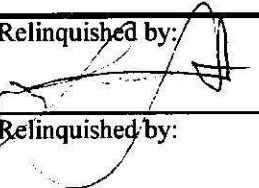
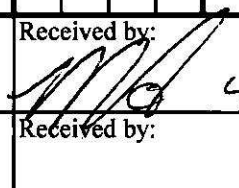
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1804263.3

Page 3 of 3

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I
Project Number:	701530.054.03

				Preservative				Matrix				Analyze For:										Special Instructions
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO									
CR-49B	4/16/2018	16:20	1		x			x				x	x									
CR-50B	4/16/2018	16:25	1		x			x				x	x									
CR-51B	4/16/2018	16:30	1		x			x				x	x									
CR-52B	4/16/2018	16:35	1		x			x				x	x									
CR-53B	4/16/2018	16:40	1		x			x				x	x									
CR-54B	4/16/2018	16:45	1		x			x				x	x									
CR-55B	4/16/2018	16:50	1		x			x				x	x									
CR-56B	4/16/2018	16:55	1		x			x				x	x									

Relinquished by: 	Date/Time: 4.17.18 16:05	Received by: 	Date/Time: 4/17/18 1605	Turn Around Time (Check)
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: 14.2°C Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No

1804263

Sample Receipt Checklist

S2 Work Order: _____

Client: Talor/LPEClient Project ID: Razor 27IShipped Via: Hand
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	14.2				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			✓	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.Nakita
Custodian Printed Name[Signature]
Signature or Initials of Custodian4/17/18 1700
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-29B
1804263-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.80	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.2 %	70-130		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.3 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	330	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		106 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-30B
1804263-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.86	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		105 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.4 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	160	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-31B
1804263-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.69	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		106 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.9 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-32B
1804263-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		104 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.2 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-33B
1804263-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.55	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		105 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.1 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-34B
1804263-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.0	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		104 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.2 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-35B
1804263-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0060	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		105 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.6 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	380	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-36B
1804263-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0058	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		105 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.8 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-37B
1804263-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		102 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.1 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-38B
1804263-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.67	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		104 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.6 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-39B
1804263-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804150	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.022	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.7	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		104 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.3 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	300	50	mg/kg	1	1804147	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-40B
1804263-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.0 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		92.6 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.7 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-41B
1804263-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.4 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-42B
1804263-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0068	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.72	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-43B
1804263-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		87.3 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		93.9 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	270	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-44B
1804263-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.64	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.3 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		90.8 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-45B
1804263-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 15:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.73	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 15:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.7 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.3 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 15:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	300	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 15:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-46B
1804263-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.75	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.4 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	290	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-47B
1804263-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.025	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.9	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.8 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1400	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		133 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-48B
1804263-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.0 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.8 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.7 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	300	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-49B
1804263-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.1 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-50B
1804263-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.3 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		90.4 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	350	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-51B
1804263-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.79	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.0 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.8 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	350	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-52B
1804263-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.2 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	430	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-53B
1804263-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.64	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.1 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.4 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	340	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-54B
1804263-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.2 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		93.0 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-55B
1804263-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	310	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

CR-56B
1804263-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 16:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804151	04/18/18	04/20/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 16:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.0 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		91.9 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 16:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	410	50	mg/kg	1	1804148	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 16:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1804150 - EPA 5030 Soil MS

Blank (1804150-BLK1)

Prepared & Analyzed: 04/18/18

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	0.0340		"	0.0396	86.0	70-130				
Surrogate: Toluene-d8	0.0416		"	0.0400	104	70-130				
Surrogate: 4-Bromofluorobenzene	0.0338		"	0.0400	84.4	70-130				

LCS (1804150-BS1)

Prepared & Analyzed: 04/18/18

Benzene	0.0885	0.0020	mg/kg	0.100	88.5	70-130				
Toluene	0.0944	0.0050	"	0.100	94.4	70-130				
Ethylbenzene	0.105	0.0050	"	0.100	105	70-130				
m,p-Xylene	0.209	0.010	"	0.200	104	70-130				
o-Xylene	0.105	0.0050	"	0.100	105	70-130				
Gasoline Range Hydrocarbons	2.18	0.50	"			0-200				
Surrogate: 1,2-Dichloroethane-d4	0.0350		"	0.0396	88.3	70-130				
Surrogate: Toluene-d8	0.0421		"	0.0400	105	70-130				
Surrogate: 4-Bromofluorobenzene	0.0342		"	0.0400	85.5	70-130				

Matrix Spike (1804150-MS1)

Source: 1804258-02

Prepared & Analyzed: 04/18/18

Benzene	0.0831	0.0020	mg/kg	0.100	ND	83.1	70-130			
Toluene	0.0878	0.0050	"	0.100	ND	87.8	70-130			
Ethylbenzene	0.0981	0.0050	"	0.100	ND	98.1	70-130			
m,p-Xylene	0.194	0.010	"	0.200	ND	97.0	70-130			
o-Xylene	0.0973	0.0050	"	0.100	ND	97.3	70-130			
Gasoline Range Hydrocarbons	2.02	0.50	"		0.0182		0-200			
Surrogate: 1,2-Dichloroethane-d4	0.0318		"	0.0396	80.4	70-130				
Surrogate: Toluene-d8	0.0420		"	0.0400	105	70-130				
Surrogate: 4-Bromofluorobenzene	0.0329		"	0.0400	82.4	70-130				

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

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 1804150 - EPA 5030 Soil MS

Matrix Spike Dup (1804150-MSD1)				Source: 1804258-02		Prepared: 04/18/18		Analyzed: 04/19/18		
Benzene	0.0727	0.0020	mg/kg	0.100	ND	72.7	70-130	13.3	30	
Toluene	0.0763	0.0050	"	0.100	ND	76.3	70-130	14.1	30	
Ethylbenzene	0.0859	0.0050	"	0.100	ND	85.9	70-130	13.3	30	
m,p-Xylene	0.168	0.010	"	0.200	ND	83.9	70-130	14.5	30	
o-Xylene	0.0849	0.0050	"	0.100	ND	84.9	70-130	13.5	30	
Gasoline Range Hydrocarbons	1.76	0.50	"		0.0182		0-200	13.5	200	
Surrogate: 1,2-Dichloroethane-d4	0.0340		"	0.0396		85.9	70-130			
Surrogate: Toluene-d8	0.0420		"	0.0400		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0334		"	0.0400		83.6	70-130			

Batch 1804151 - EPA 5030 Soil MS

Blank (1804151-BLK1)				Prepared: 04/18/18		Analyzed: 04/19/18				
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	0.0320		"	0.0396		80.8	70-130			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	70-130			

LCS (1804151-BS1)				Prepared: 04/18/18		Analyzed: 04/19/18				
Benzene	0.0859	0.0020	mg/kg	0.100		85.9	70-130			
Toluene	0.103	0.0050	"	0.100		103	70-130			
Ethylbenzene	0.120	0.0050	"	0.100		120	70-130			
m,p-Xylene	0.251	0.010	"	0.200		125	70-130			
o-Xylene	0.120	0.0050	"	0.100		120	70-130			
Gasoline Range Hydrocarbons	2.42	0.50	"				0-200			
Surrogate: 1,2-Dichloroethane-d4	0.0319		"	0.0396		80.5	70-130			
Surrogate: Toluene-d8	0.0361		"	0.0400		90.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	70-130			

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

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 1804151 - EPA 5030 Soil MS

Matrix Spike (1804151-MS1)		Source: 1804263-12			Prepared: 04/18/18		Analyzed: 04/19/18			
Benzene	0.0877	0.0020	mg/kg	0.100	ND	87.7	70-130			
Toluene	0.104	0.0050	"	0.100	ND	104	70-130			
Ethylbenzene	0.118	0.0050	"	0.100	ND	118	70-130			
m,p-Xylene	0.245	0.010	"	0.200	ND	123	70-130			
o-Xylene	0.125	0.0050	"	0.100	ND	125	70-130			
Gasoline Range Hydrocarbons	3.47	0.50	"		1.19		0-200			
Surrogate: 1,2-Dichloroethane-d4	0.0336		"	0.0396		84.8	70-130			
Surrogate: Toluene-d8	0.0363		"	0.0400		90.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.4	70-130			

Matrix Spike Dup (1804151-MSD1)		Source: 1804263-12			Prepared: 04/18/18		Analyzed: 04/19/18			
Benzene	0.0908	0.0020	mg/kg	0.100	ND	90.8	70-130	3.46	30	
Toluene	0.106	0.0050	"	0.100	ND	106	70-130	2.52	30	
Ethylbenzene	0.119	0.0050	"	0.100	ND	119	70-130	0.914	30	
m,p-Xylene	0.250	0.010	"	0.200	ND	125	70-130	1.93	30	
o-Xylene	0.124	0.0050	"	0.100	ND	124	70-130	0.507	30	
Gasoline Range Hydrocarbons	3.37	0.50	"		1.19		0-200	2.96	200	
Surrogate: 1,2-Dichloroethane-d4	0.0340		"	0.0396		85.9	70-130			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.8	70-130			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

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 1804147 - EPA 3550A

Blank (1804147-BLK1)

Prepared: 04/18/18 Analyzed: 04/19/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1804147-BS1)

Prepared: 04/18/18 Analyzed: 04/19/18

C10-C28 (DRO) 530 50 mg/kg 500 106 81.4-129

Matrix Spike (1804147-MS1)

Source: 1804258-01

Prepared: 04/18/18 Analyzed: 04/19/18

C10-C28 (DRO) 529 50 mg/kg 500 ND 106 77.8-133

Matrix Spike Dup (1804147-MSD1)

Source: 1804258-01

Prepared: 04/18/18 Analyzed: 04/19/18

C10-C28 (DRO) 505 50 mg/kg 500 ND 101 77.8-133 4.75 8.48

Batch 1804148 - EPA 3550A

Blank (1804148-BLK1)

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1804148-BS1)

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 584 50 mg/kg 500 117 81.4-129

Matrix Spike (1804148-MS1)

Source: 1804263-12

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 881 50 mg/kg 500 196 137 77.8-133 QM-07

Matrix Spike Dup (1804148-MSD1)

Source: 1804263-12

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 878 50 mg/kg 500 196 136 77.8-133 0.312 8.48 QM-07

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/25/18 07:39

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 24, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 04/17/18 16:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1@4.5-9'	1804264-01	Soil	04/16/18 11:25	04/17/18 16:05
SB-1@14-16.5'	1804264-02	Soil	04/16/18 11:53	04/17/18 16:05
SB-1@16.5-17.5'	1804264-03	Soil	04/16/18 11:58	04/17/18 16:05
SB-2@10-15'	1804264-04	Soil	04/16/18 13:30	04/17/18 16:05
SB-2@1520'	1804264-05	Soil	04/16/18 13:37	04/17/18 16:05
SB-2@20-22'	1804264-06	Soil	04/16/18 13:50	04/17/18 16:05
SB-2@22-25'	1804264-07	Soil	04/16/18 13:55	04/17/18 16:05

Summit Scientific

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Summit Scientific

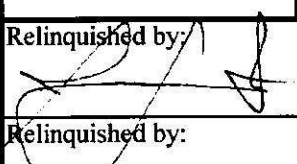
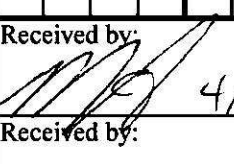
1804264

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jennifer Galles/Levi Kirk

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO												
SB-1@4.5-9'	4/16/2018	11:25	1			x		x				x	x												
SB-1@14-16.5'	4/16/2018	11:53	1			x		x				x	x												
SB-1@16.5-17.5	4/16/2018	11:58	1			x		x				x	x												
SB-2@10-15'	4/16/2018	13:30	1			x		x				x	x												
SB-2@1520'	4/16/2018	13:37	1			x		x				x	x												
SB-2@20-22'	4/16/2018	13:50	1			x		x				x	x												
SB-2@22-25'	4/16/2018	13:55	1			x		x				x	x												
Relinquished by:  Date/Time: 4.17.18 16:05				Received by:  Date/Time: 4/17/18 1605				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>																	
Relinquished by: Date/Time:				Received by: Date/Time:				Sample Integrity: 14.2°C Temperature Upon Receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
Relinquished by: Date/Time:				Received in Lab by: Date/Time:																					

Sample Receipt Checklist

S2 Work Order: 1804264

Client: Talon/LPE

Client Project ID: Razor 2TI

Shipped Via: Hand

Airbill #: _____

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Cooler ID					
Temp (°C)	<u>14.2</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

Nakita
Custodian Printed Name

[Signature]
Signature or Initials of Custodian

4/17/18 1700
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-1@4.5-9'
1804264-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.4 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1804149	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-1@14-16.5'
1804264-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.50	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	0.45	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.39	0.0050	"	"	"	"	"	"	
Xylenes (total)	5.9	0.050	"	10	"	"	"	"	
Gasoline Range Hydrocarbons	61	0.50	"	1	"	"	"	"	

Date Sampled: **04/16/18 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		176 %	70-130		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		95.4 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		161 %	70-130		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1400	50	mg/kg	1	1804149	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		144 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-1@16.5-17.5'
1804264-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1804149	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

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Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-2@10-15'
1804264-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		89.9 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1804149	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

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Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-2@1520'
1804264-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 13:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.19	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	0.84	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.18	0.0050	"	"	"	"	"	"	
Xylenes (total)	9.8	0.050	"	10	"	"	"	"	
Gasoline Range Hydrocarbons	36	0.50	"	1	"	"	"	"	

Date Sampled: **04/16/18 13:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		160 %	70-130		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		145 %	70-130		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 13:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2900	50	mg/kg	1	1804149	04/18/18	04/20/18	EPA 8015M	

Date Sampled: **04/16/18 13:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		170 %	30-150		"	"	"	"	S-02

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Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-2@20-22'
1804264-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.19	0.020	mg/kg	10	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	2.9	0.050	"	"	"	"	"	"	
Ethylbenzene	2.0	0.050	"	"	"	"	"	"	
Xylenes (total)	5.7	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	110	5.0	"	"	"	"	"	"	

Date Sampled: **04/16/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		80.2 %	70-130		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.0 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	610	50	mg/kg	1	1804149	04/18/18	04/21/18	EPA 8015M	

Date Sampled: **04/16/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		126 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

SB-2@22-25'
1804264-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/16/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1804152	04/18/18	04/19/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.0095	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.52	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		87.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/16/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1804149	04/18/18	04/21/18	EPA 8015M	

Date Sampled: **04/16/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1804152 - EPA 5030 Soil MS

Blank (1804152-BLK1)

Prepared: 04/18/18 Analyzed: 04/19/18

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	0.0437		"	0.0396	110	70-130				
Surrogate: Toluene-d8	0.0376		"	0.0400	94.0	70-130				
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400	100	70-130				

LCS (1804152-BS1)

Prepared: 04/18/18 Analyzed: 04/19/18

Benzene	0.0746	0.0020	mg/kg	0.100	74.6	70-130				
Toluene	0.0886	0.0050	"	0.100	88.6	70-130				
Ethylbenzene	0.105	0.0050	"	0.100	105	70-130				
m,p-Xylene	0.211	0.010	"	0.200	106	70-130				
o-Xylene	0.104	0.0050	"	0.100	104	70-130				
Gasoline Range Hydrocarbons	2.71	0.50	"			0-200				
Surrogate: 1,2-Dichloroethane-d4	0.0436		"	0.0396	110	70-130				
Surrogate: Toluene-d8	0.0382		"	0.0400	95.5	70-130				
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400	99.2	70-130				

Matrix Spike (1804152-MS1)

Source: 1804264-01

Prepared: 04/18/18 Analyzed: 04/19/18

Benzene	0.0760	0.0020	mg/kg	0.100	ND	76.0	70-130			
Toluene	0.0896	0.0050	"	0.100	ND	89.6	70-130			
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130			
m,p-Xylene	0.211	0.010	"	0.200	ND	105	70-130			
o-Xylene	0.102	0.0050	"	0.100	ND	102	70-130			
Gasoline Range Hydrocarbons	2.71	0.50	"		ND		0-200			
Surrogate: 1,2-Dichloroethane-d4	0.0458		"	0.0396	116	70-130				
Surrogate: Toluene-d8	0.0390		"	0.0400	97.6	70-130				
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400	98.9	70-130				

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

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 1804152 - EPA 5030 Soil MS

Matrix Spike Dup (1804152-MSD1)		Source: 1804264-01			Prepared: 04/18/18 Analyzed: 04/19/18					
Benzene	0.0750	0.0020	mg/kg	0.100	ND	75.0	70-130	1.31	30	
Toluene	0.0875	0.0050	"	0.100	ND	87.5	70-130	2.30	30	
Ethylbenzene	0.106	0.0050	"	0.100	ND	106	70-130	0.479	30	
m,p-Xylene	0.208	0.010	"	0.200	ND	104	70-130	1.48	30	
o-Xylene	0.105	0.0050	"	0.100	ND	105	70-130	2.15	30	
Gasoline Range Hydrocarbons	2.63	0.50	"		ND		0-200	2.89	200	
Surrogate: 1,2-Dichloroethane-d4	0.0454		"	0.0396		115	70-130			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	70-130			

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

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 1804149 - EPA 3550A

Blank (1804149-BLK1)

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1804149-BS1)

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 445 50 mg/kg 500 89.1 81.4-129

Matrix Spike (1804149-MS1)

Source: 1804264-01

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 460 50 mg/kg 500 ND 92.0 77.8-133

Matrix Spike Dup (1804149-MSD1)

Source: 1804264-01

Prepared: 04/18/18 Analyzed: 04/20/18

C10-C28 (DRO) 480 50 mg/kg 500 ND 96.0 77.8-133 4.27 8.48

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
04/24/18 12:44

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 15, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/08/18 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-3@9-14'	1805083-01	Soil	05/07/18 14:53	05/08/18 15:30
SB-3@14-19'	1805083-02	Soil	05/07/18 15:01	05/08/18 15:30
SB-3@19-21.5'	1805083-03	Soil	05/07/18 15:10	05/08/18 15:30
SB-5@9-14'	1805083-04	Soil	05/08/18 09:54	05/08/18 15:30
SB-5@14-19'	1805083-05	Soil	05/08/18 10:05	05/08/18 15:30
SB-5@20-21.5'	1805083-06	Soil	05/08/18 10:25	05/08/18 15:30
SB-5@24-26'	1805083-07	Soil	05/08/18 10:50	05/08/18 15:30

Summit Scientific

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Summit Scientific

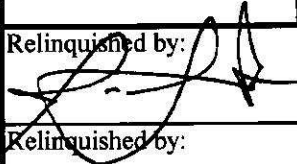
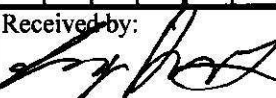
1805083

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions					
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH																
SB-3@9-14'	5/7/2018	14:53	1			x			x				x	x															
SB-3@14-19'	5/7/2018	15:01	1			x			x				x	x															
SB-3@19-21.5'	5/7/2018	15:10	1			x			x				x	x															
SB-5@9-14'	5/8/2018	9:54	1			x			x				x	x															
SB-5@14-19'	5/8/2018	10:05	1			x			x				x	x															
SB-5@20-21.5	5/8/2018	10:25	1			x			x				x	x															
SB-5@24-26'	5/8/2018	10:50	1			x			x				x	x															
Relinquished by:  5.8.18 15:30				Date/Time: 5/8/18 15:30				Received by:  5/8/18 15:30				Date/Time: 5/8/18 15:30				Turn Around Time (Check)													
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/>													
Relinquished by:				Date/Time:				Received by:				Date/Time:				24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/>													
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				48 Hours <input type="checkbox"/>													
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 18.5													
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													

1805083

Sample Receipt Checklist

S2 Work Order: _____

Client: Tracon LPEClient Project ID: Razon 271Shipped Via: Pickup
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	18.5				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name

Signature or Initials of Custodian

Date/Time

5/8/18 626



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-3@9-14'
1805083-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/07/18 14:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/07/18 14:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/07/18 14:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/07/18 14:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-3@14-19'
1805083-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/07/18 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.16	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	0.54	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.25	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.4	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	71	0.50	"	"	"	"	"	"	

Date Sampled: **05/07/18 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		128 %	70-130		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		152 %	70-130		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/07/18 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	97	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/07/18 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		105 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-3@19-21.5'
1805083-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/07/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/07/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/07/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/07/18 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-5@9-14'
1805083-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 09:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 09:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 09:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/08/18 09:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-5@14-19'
1805083-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 10:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.49	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	0.87	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.34	0.0050	"	"	"	"	"	"	
Xylenes (total)	3.0	0.10	"	10	"	"	"	"	
Gasoline Range Hydrocarbons	120	5.0	"	"	"	"	"	"	

Date Sampled: **05/08/18 10:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		134 %	70-130		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		234 %	70-130		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 10:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1600	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/08/18 10:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		126 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-5@20-21.5'
1805083-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 10:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.014	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	0.031	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.13	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.85	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	32	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 10:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		133 %	70-130		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		94.0 %	70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		145 %	70-130		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 10:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	600	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/08/18 10:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		99.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

SB-5@24-26'
1805083-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805093	05/09/18	05/10/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805091	05/09/18	05/11/18	EPA 8015M	

Date Sampled: **05/08/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

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 1805093 - EPA 5030 Soil MS

Blank (1805093-BLK1)

Prepared: 05/09/18 Analyzed: 05/10/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0455		"	0.0396	115	70-130				
Surrogate: Toluene-d8	0.0387		"	0.0400	96.8	70-130				
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400	101	70-130				

LCS (1805093-BS1)

Prepared: 05/09/18 Analyzed: 05/10/18

Benzene	0.0892	0.0020	mg/kg	0.100	89.2	70-130				
Toluene	0.0938	0.0050	"	0.100	93.8	70-130				
Ethylbenzene	0.114	0.0050	"	0.100	114	70-130				
m,p-Xylene	0.217	0.010	"	0.200	108	70-130				
o-Xylene	0.101	0.0050	"	0.100	101	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0446		"	0.0396	113	70-130				
Surrogate: Toluene-d8	0.0390		"	0.0400	97.6	70-130				
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400	97.1	70-130				

Matrix Spike (1805093-MS1)

Source: 1805083-01

Prepared: 05/09/18 Analyzed: 05/10/18

Benzene	0.0892	0.0020	mg/kg	0.100	ND	89.2	70-130			
Toluene	0.0918	0.0050	"	0.100	ND	91.8	70-130			
Ethylbenzene	0.116	0.0050	"	0.100	ND	116	70-130			
m,p-Xylene	0.220	0.010	"	0.200	ND	110	70-130			
o-Xylene	0.104	0.0050	"	0.100	ND	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0469		"	0.0396	118	70-130				
Surrogate: Toluene-d8	0.0393		"	0.0400	98.2	70-130				
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400	99.5	70-130				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

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 1805093 - EPA 5030 Soil MS

Matrix Spike Dup (1805093-MSD1)	Source: 1805083-01			Prepared: 05/09/18 Analyzed: 05/10/18						
Benzene	0.0902	0.0020	mg/kg	0.100	ND	90.2	70-130	1.14	30	
Toluene	0.0976	0.0050	"	0.100	ND	97.6	70-130	6.15	30	
Ethylbenzene	0.114	0.0050	"	0.100	ND	114	70-130	1.90	30	
m,p-Xylene	0.214	0.010	"	0.200	ND	107	70-130	2.73	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	1.48	30	
Surrogate: 1,2-Dichloroethane-d4	0.0462		"	0.0396		117	70-130			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.0	70-130			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

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 1805091 - EPA 3550A

Blank (1805091-BLK1)

Prepared: 05/09/18 Analyzed: 05/10/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1805091-BS1)

Prepared: 05/09/18 Analyzed: 05/10/18

C10-C28 (DRO) 421 50 mg/kg 500 84.1 81.4-129

Matrix Spike (1805091-MS1)

Source: 1805066-01

Prepared: 05/09/18 Analyzed: 05/10/18

C10-C28 (DRO) 413 50 mg/kg 500 22.0 78.2 77.8-133

Matrix Spike Dup (1805091-MSD1)

Source: 1805066-01

Prepared: 05/09/18 Analyzed: 05/10/18

C10-C28 (DRO) 430 50 mg/kg 500 22.0 81.5 77.8-133 3.91 8.48

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:18

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 15, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/10/18 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-4@9-14'	1805130-01	Soil	05/08/18 12:50	05/10/18 15:20
SB-4@14-16'	1805130-02	Soil	05/08/18 13:00	05/10/18 15:20
SB-4@16-19'	1805130-03	Soil	05/08/18 13:05	05/10/18 15:20
SB-4@19-24'	1805130-04	Soil	05/08/18 13:17	05/10/18 15:20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1805130

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Levi Kirk

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH													
SB-4@9-14'	5/8/2018	12:50	1			x			x				x	x												
SB-4@14-16'	5/8/2018	13:00	1			x			x				x	x												
SB-4@16-19'	5/8/2018	13:05	1			x			x				x	x												
SB-4@19-24'	5/8/2018	13:17	1			x			x				x	x												
Relinquished by: <i>Levi Kirk</i>				Date/Time: 5.10.18 3:20				Received by: <i>[Signature]</i>				Date/Time: 5/10/18 320				Turn Around Time (Check)										
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 8.0 Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										

Sample Receipt Checklist

S2 Work Order: 1805730

Client: Talon/LPE

Client Project ID: Racer 27I

Shipped Via: Pickup
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Cooler ID					
Temp (°C)	8.0				

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	✓			
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any): 				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name

Signature or Initials of Custodian

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

SB-4@9-14'
1805130-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805131	05/11/18	05/13/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		87.7 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805132	05/11/18	05/13/18	EPA 8015M	

Date Sampled: **05/08/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

SB-4@14-16'
1805130-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805131	05/11/18	05/13/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		88.6 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.7 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805132	05/11/18	05/13/18	EPA 8015M	

Date Sampled: **05/08/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

SB-4@16-19'
1805130-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805131	05/11/18	05/13/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		85.4 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805132	05/11/18	05/13/18	EPA 8015M	

Date Sampled: **05/08/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

SB-4@19-24'
1805130-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/08/18 13:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805131	05/11/18	05/13/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/08/18 13:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		87.1 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	70-130		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/08/18 13:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805132	05/11/18	05/13/18	EPA 8015M	

Date Sampled: **05/08/18 13:17**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

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 1805131 - EPA 5030 Soil MS

Blank (1805131-BLK1)

Prepared: 05/11/18 Analyzed: 05/13/18

Benzene	ND	0.0020	mg/kg
Toluene	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Xylenes (total)	ND	0.010	"
Gasoline Range Hydrocarbons	ND	0.50	"

Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0396	96.6	70-130
Surrogate: Toluene-d8	0.0350		"	0.0400	87.5	70-130
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400	100	70-130

LCS (1805131-BS1)

Prepared: 05/11/18 Analyzed: 05/13/18

Benzene	0.0800	0.0020	mg/kg	0.100	80.0	70-130
Toluene	0.0877	0.0050	"	0.100	87.7	70-130
Ethylbenzene	0.108	0.0050	"	0.100	108	70-130
m,p-Xylene	0.228	0.010	"	0.200	114	70-130
o-Xylene	0.109	0.0050	"	0.100	109	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0396	96.8	70-130
Surrogate: Toluene-d8	0.0358		"	0.0400	89.4	70-130
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0400	96.0	70-130

Matrix Spike (1805131-MS1)

Source: 1805114-01

Prepared: 05/11/18 Analyzed: 05/13/18

Benzene	0.0814	0.0020	mg/kg	0.100	ND	81.4	70-130
Toluene	0.0899	0.0050	"	0.100	ND	89.9	70-130
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130
m,p-Xylene	0.233	0.010	"	0.200	ND	116	70-130
o-Xylene	0.113	0.0050	"	0.100	ND	113	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0397		"	0.0396	100	70-130
Surrogate: Toluene-d8	0.0350		"	0.0400	87.6	70-130
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400	95.2	70-130

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

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 1805131 - EPA 5030 Soil MS

Matrix Spike Dup (1805131-MSD1)	Source: 1805114-01			Prepared: 05/11/18 Analyzed: 05/13/18						
Benzene	0.0820	0.0020	mg/kg	0.100	ND	82.0	70-130	0.661	30	
Toluene	0.0906	0.0050	"	0.100	ND	90.6	70-130	0.798	30	
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130	4.41	30	
m,p-Xylene	0.241	0.010	"	0.200	ND	121	70-130	3.55	30	
o-Xylene	0.118	0.0050	"	0.100	ND	118	70-130	4.70	30	
Surrogate: 1,2-Dichloroethane-d4	0.0392		"	0.0396		98.9	70-130			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	70-130			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

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 1805132 - EPA 3550A

Blank (1805132-BLK1)

Prepared: 05/11/18 Analyzed: 05/12/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1805132-BS1)

Prepared: 05/11/18 Analyzed: 05/13/18

C10-C28 (DRO) 425 50 mg/kg 500 85.0 81.4-129

Matrix Spike (1805132-MS1)

Source: 1805114-01

Prepared: 05/11/18 Analyzed: 05/13/18

C10-C28 (DRO) 425 50 mg/kg 500 28.7 79.3 77.8-133

Matrix Spike Dup (1805132-MSD1)

Source: 1805114-01

Prepared: 05/11/18 Analyzed: 05/13/18

C10-C28 (DRO) 406 50 mg/kg 500 28.7 75.4 77.8-133 4.73 8.48 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/15/18 11:36

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 05, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/29/18 15:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-6@5-10'	1805334-01	Soil	05/29/18 12:45	05/29/18 15:55
SB-6@10-15'	1805334-02	Soil	05/29/18 13:02	05/29/18 15:55
SB-7@5-10'	1805334-03	Soil	05/29/18 11:20	05/29/18 15:55
SB-7@10-15'	1805334-04	Soil	05/29/18 11:36	05/29/18 15:55
SB-8@5-10'	1805334-05	Soil	05/29/18 09:55	05/29/18 15:55
SB-8@10-15'	1805334-06	Soil	05/29/18 10:07	05/29/18 15:55

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

1805334

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Levi Kirk

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX														
SB-6@5-10'	5/29/2018	12:45	1			x			x				x	x													
SB-6@10-15'	5/29/2018	13:02	1			x			x				x	x													
SB-7@5-10'	5/29/2018	11:20	1			x			x				x	x													
SB-7@10-15'	5/29/2018	11:36	1			x			x				x	x													
SB-8@5-10'	5/29/2018	9:55	1			x			x				x	x													
SB-8@10-15'	5/29/2018	10:07	1			x			x				x	x													
Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)																							
<i>Levi Kirk</i>	5-29-18 3:55	<i>[Signature]</i>	5-29-18	Same Day	<input type="checkbox"/>	72 Hours	<input type="checkbox"/>	24 Hours	<input type="checkbox"/>	Standard	<input checked="" type="checkbox"/>	48 Hours	<input type="checkbox"/>														
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:																							
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Temperature Upon Receipt: <u>18.9</u>																							
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																							

Sample Receipt Checklist

S2 Work Order: 1805334

Client: Town LPE - Winton

Client Project ID: Razor 271

Shipped Via: Pickup

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

Matrix (check all that apply):

☐ Air

☒ Soil/Solid

☐ Water

☐ Other:

(Describe)

Temp (°C)

18.9

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name or Initials

Signature or Initials of Custodian

Date/Time

5/29/18 1700



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-6@5-10'
1805334-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/01/18	EPA 8015M	

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-6@10-15'
1805334-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-7@5-10'
1805334-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		73.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-7@10-15'
1805334-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 11:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 11:36**

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

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 11:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 11:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-8@5-10'
1805334-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 09:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 09:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 09:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 09:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

SB-8@10-15'
1805334-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805352	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		69.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

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 1805345 - EPA 5030 Soil MS

Blank (1805345-BLK1)

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	ND	0.0020	mg/kg
Toluene	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Xylenes (total)	ND	0.010	"
Gasoline Range Hydrocarbons	ND	0.50	"

Surrogate: 1,2-Dichloroethane-d4	0.0394		"	0.0396	99.5	23-173
Surrogate: Toluene-d8	0.0410		"	0.0400	103	20-170
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400	101	21-167

LCS (1805345-BS1)

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	0.0898	0.0020	mg/kg	0.100	89.8	70-130
Toluene	0.0883	0.0050	"	0.100	88.3	70-130
Ethylbenzene	0.0915	0.0050	"	0.100	91.5	70-130
m,p-Xylene	0.171	0.010	"	0.200	85.3	70-130
o-Xylene	0.0821	0.0050	"	0.100	82.1	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0396	95.9	23-173
Surrogate: Toluene-d8	0.0430		"	0.0400	107	20-170
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400	95.4	21-167

Matrix Spike (1805345-MS1)

Source: 1805225-11

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	0.0896	0.0020	mg/kg	0.100	0.00453	85.0	70-130
Toluene	0.0921	0.0050	"	0.100	ND	92.1	70-130
Ethylbenzene	0.0965	0.0050	"	0.100	ND	96.5	70-130
m,p-Xylene	0.183	0.010	"	0.200	ND	91.6	70-130
o-Xylene	0.0883	0.0050	"	0.100	ND	88.3	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0402		"	0.0396	102	23-173
Surrogate: Toluene-d8	0.0419		"	0.0400	105	20-170
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400	97.6	21-167

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

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 1805345 - EPA 5030 Soil MS

Matrix Spike Dup (1805345-MSD1)	Source: 1805225-11			Prepared: 05/30/18		Analyzed: 05/31/18				
Benzene	0.0910	0.0020	mg/kg	0.100	0.00453	86.4	70-130	1.56	30	
Toluene	0.0937	0.0050	"	0.100	ND	93.7	70-130	1.71	30	
Ethylbenzene	0.102	0.0050	"	0.100	ND	102	70-130	5.91	30	
m,p-Xylene	0.192	0.010	"	0.200	ND	95.8	70-130	4.42	30	
o-Xylene	0.0939	0.0050	"	0.100	ND	93.9	70-130	6.12	30	
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0396		102	23-173			
Surrogate: Toluene-d8	0.0412		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

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 1805352 - EPA 3550A

Blank (1805352-BLK1)

Prepared: 05/31/18 Analyzed: 06/01/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1805352-BS1)

Prepared: 05/31/18 Analyzed: 06/01/18

C10-C28 (DRO) 524 50 mg/kg 500 105 70-130

Matrix Spike (1805352-MS1)

Source: 1805334-01

Prepared: 05/31/18 Analyzed: 06/01/18

C10-C28 (DRO) 564 50 mg/kg 500 ND 113 70-130

Matrix Spike Dup (1805352-MSD1)

Source: 1805334-01

Prepared: 05/31/18 Analyzed: 06/01/18

C10-C28 (DRO) 564 50 mg/kg 500 ND 113 70-130 0.0989 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 08:47

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 05, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I Crushed Rock

Enclosed are the results of analyses for samples received by Summit Scientific on 05/29/18 16:00. 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
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C1	1805335-01	Soil	05/29/18 12:30	05/29/18 16:00
C2	1805335-02	Soil	05/29/18 12:35	05/29/18 16:00
C3	1805335-03	Soil	05/29/18 12:40	05/29/18 16:00
C4	1805335-04	Soil	05/29/18 12:45	05/29/18 16:00
C5	1805335-05	Soil	05/29/18 12:50	05/29/18 16:00
C6	1805335-06	Soil	05/29/18 12:55	05/29/18 16:00
C7	1805335-07	Soil	05/29/18 13:00	05/29/18 16:00
C8	1805335-08	Soil	05/29/18 13:05	05/29/18 16:00
C9	1805335-09	Soil	05/29/18 13:10	05/29/18 16:00
C10	1805335-10	Soil	05/29/18 13:15	05/29/18 16:00
C11	1805335-11	Soil	05/29/18 13:20	05/29/18 16:00
C12	1805335-12	Soil	05/29/18 13:25	05/29/18 16:00
C13	1805335-13	Soil	05/29/18 13:30	05/29/18 16:00
C14	1805335-14	Soil	05/29/18 13:35	05/29/18 16:00
C15	1805335-15	Soil	05/29/18 13:40	05/29/18 16:00
C16	1805335-16	Soil	05/29/18 13:45	05/29/18 16:00
C17	1805335-17	Soil	05/29/18 13:50	05/29/18 16:00
C18	1805335-18	Soil	05/29/18 13:55	05/29/18 16:00
C19	1805335-19	Soil	05/29/18 14:00	05/29/18 16:00
C20	1805335-20	Soil	05/29/18 14:05	05/29/18 16:00
C21	1805335-21	Soil	05/29/18 14:10	05/29/18 16:00
C22	1805335-22	Soil	05/29/18 14:15	05/29/18 16:00
C23	1805335-23	Soil	05/29/18 14:20	05/29/18 16:00
C24	1805335-24	Soil	05/29/18 14:25	05/29/18 16:00
C25	1805335-25	Soil	05/29/18 10:30	05/29/18 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

1805335.1

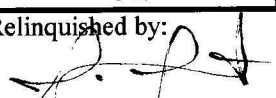
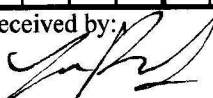
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741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I Crushed Rock
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX											
C1	5/29/2018	12:30	1			x			x				x	x										
C2	5/29/2018	12:35	1			x			x				x	x										
C3	5/29/2018	12:40	1			x			x				x	x										
C4	5/29/2018	12:45	1			x			x				x	x										
C5	5/29/2018	12:50	1			x			x				x	x										
C6	5/29/2018	12:55	1			x			x				x	x										
C7	5/29/2018	13:00	1			x			x				x	x										
C8	5/29/2018	13:05	1			x			x				x	x										
C9	5/29/2018	13:10	1			x			x				x	x										
C10	5/29/2018	13:15	1			x			x				x	x										
Relinquished by:  Date/Time: 5.29.18 16:00				Received by:  Date/Time: 5/29/18 1600				Turn Around Time (Check)																
Relinquished by: Date/Time:				Received by: Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>																
Relinquished by: Date/Time:				Received in Lab by: Date/Time:				Sample Integrity: Temperature Upon Receipt: 18.9 Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																

1805 335.2

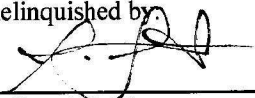
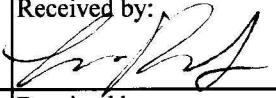
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303-277-9310 ♦ 303-374-5933 Fax

Page 2 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I Crushed Rock
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX												
C11	5/29/2018	13:20	1			x			x				x	x											
C12	5/29/2018	13:25	1			x			x				x	x											
C13	5/29/2018	13:30	1			x			x				x	x											
C14	5/29/2018	13:35	1			x			x				x	x											
C15	5/29/2018	13:40	1			x			x				x	x											
C16	5/29/2018	13:45	1			x			x				x	x											
C17	5/29/2018	13:50	1			x			x				x	x											
C18	5/29/2018	13:55	1			x			x				x	x											
C19	5/29/2018	14:00	1			x			x				x	x											
C20	5/29/2018	14:05	1			x			x				x	x											
Relinquished by:  5/29/18				Date/Time: 16:00		Received by: 				Date/Time: 5/29/18 1600		Turn Around Time (Check)													
Relinquished by:				Date/Time:		Received by:				Date/Time:		Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>													
Relinquished by:				Date/Time:		Received in Lab by:				Date/Time:		Sample Integrity: Temperature Upon Receipt: 12.9 Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													

1805335.3

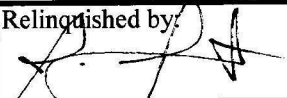

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Page 3 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271 Crushed Rock
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX												
C21	5/29/2018	14:10	1			x			x				x	x											
C22	5/29/2018	14:15	1			x			x				x	x											
C23	5/29/2018	14:20	1			x			x				x	x											
C24	5/29/2018	14:25	1			x			x				x	x											
C25	5/29/2018	10:30	1			x			x				x	x											
Relinquished by: 	Date/Time: 5.29.18 16:00	Received by: 	Date/Time: 5/29/18 16:00	Turn Around Time (Check)																					
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/>										72 Hours <input type="checkbox"/>											
				24 Hours <input type="checkbox"/>										Standard <input checked="" type="checkbox"/>											
				48 Hours <input type="checkbox"/>																					
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																					
				Temperature Upon Receipt: 18.9																					
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					

Sample Receipt Checklist

S2 Work Order: 1805 335

Client: TALON LPE

Client Project ID: Baron 271 Crushed Rocks

Shipped Via: Pickup

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Temp (°C)

18.9

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

LD
Custodian Printed Name or Initials

[Signature]
Signature or Initials of Custodian

5/29/18 1656
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C1
1805335-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	50	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C2
1805335-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	62	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.0 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C3
1805335-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.68	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	87	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C4
1805335-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	72	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C5
1805335-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.88	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	77	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C6
1805335-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.68	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C7
1805335-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.62	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	72	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C8
1805335-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.65	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	80	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C9
1805335-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	78	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C10
1805335-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.80	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	91	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C11
1805335-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.0	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.1 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C12
1805335-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.87	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	85	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C13
1805335-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.65	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	100	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.6 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C14
1805335-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	95	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.7 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C15
1805335-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.78	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C16
1805335-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.81	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	84	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C17
1805335-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C18
1805335-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.74	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	73	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.8 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C19
1805335-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		90.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C20
1805335-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805342	05/30/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.6	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1805343	05/30/18	05/31/18	EPA 8015M	

Date Sampled: **05/29/18 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C21
1805335-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.96	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	80	50	mg/kg	1	1805344	05/30/18	06/01/18	EPA 8015M	

Date Sampled: **05/29/18 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		69.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C22
1805335-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:15**

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

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	82	50	mg/kg	1	1805344	05/30/18	06/01/18	EPA 8015M	

Date Sampled: **05/29/18 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		70.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C23
1805335-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	86	50	mg/kg	1	1805344	05/30/18	06/01/18	EPA 8015M	

Date Sampled: **05/29/18 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C24
1805335-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 14:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 14:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 14:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1805344	05/30/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 14:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

C25
1805335-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805345	05/30/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/29/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	90	50	mg/kg	1	1805344	05/30/18	06/02/18	EPA 8015M	

Date Sampled: **05/29/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		78.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

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 1805342 - EPA 5030 Soil MS

Blank (1805342-BLK1)

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	ND	0.0020	mg/kg
Toluene	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Xylenes (total)	ND	0.010	"
Gasoline Range Hydrocarbons	ND	0.50	"

Surrogate: 1,2-Dichloroethane-d4	0.0411	"	0.0396	104	23-173
Surrogate: Toluene-d8	0.0391	"	0.0400	97.8	20-170
Surrogate: 4-Bromofluorobenzene	0.0405	"	0.0400	101	21-167

LCS (1805342-BS1)

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	0.0825	0.0020	mg/kg	0.100	82.5	70-130
Toluene	0.0940	0.0050	"	0.100	94.0	70-130
Ethylbenzene	0.102	0.0050	"	0.100	102	70-130
m,p-Xylene	0.195	0.010	"	0.200	97.3	70-130
o-Xylene	0.0972	0.0050	"	0.100	97.2	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0427	"	0.0396	108	23-173
Surrogate: Toluene-d8	0.0398	"	0.0400	99.4	20-170
Surrogate: 4-Bromofluorobenzene	0.0403	"	0.0400	101	21-167

Matrix Spike (1805342-MS1)

Source: 1805335-01

Prepared: 05/30/18 Analyzed: 05/31/18

Benzene	0.0819	0.0020	mg/kg	0.100	ND	81.9	70-130
Toluene	0.0940	0.0050	"	0.100	ND	94.0	70-130
Ethylbenzene	0.102	0.0050	"	0.100	ND	102	70-130
m,p-Xylene	0.194	0.010	"	0.200	ND	96.8	70-130
o-Xylene	0.101	0.0050	"	0.100	ND	101	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0435	"	0.0396	110	23-173
Surrogate: Toluene-d8	0.0400	"	0.0400	100	20-170
Surrogate: 4-Bromofluorobenzene	0.0404	"	0.0400	101	21-167

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

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 1805342 - EPA 5030 Soil MS

Matrix Spike Dup (1805342-MSD1)				Source: 1805335-01		Prepared: 05/30/18		Analyzed: 05/31/18		
Benzene	0.0824	0.0020	mg/kg	0.100	ND	82.4	70-130	0.621	30	
Toluene	0.0942	0.0050	"	0.100	ND	94.2	70-130	0.191	30	
Ethylbenzene	0.101	0.0050	"	0.100	ND	101	70-130	0.619	30	
m,p-Xylene	0.192	0.010	"	0.200	ND	96.2	70-130	0.591	30	
o-Xylene	0.0977	0.0050	"	0.100	ND	97.7	70-130	3.08	30	
Surrogate: 1,2-Dichloroethane-d4	0.0442		"	0.0396		112	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

Batch 1805345 - EPA 5030 Soil MS

Blank (1805345-BLK1)				Prepared: 05/30/18		Analyzed: 05/31/18				
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0394		"	0.0396		99.5	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

LCS (1805345-BS1)				Prepared: 05/30/18		Analyzed: 05/31/18				
Benzene	0.0898	0.0020	mg/kg	0.100		89.8	70-130			
Toluene	0.0883	0.0050	"	0.100		88.3	70-130			
Ethylbenzene	0.0915	0.0050	"	0.100		91.5	70-130			
m,p-Xylene	0.171	0.010	"	0.200		85.3	70-130			
o-Xylene	0.0821	0.0050	"	0.100		82.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0396		95.9	23-173			
Surrogate: Toluene-d8	0.0430		"	0.0400		107	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.4	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

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 1805345 - EPA 5030 Soil MS

Matrix Spike (1805345-MS1)		Source: 1805225-11			Prepared: 05/30/18		Analyzed: 05/31/18			
Benzene	0.0896	0.0020	mg/kg	0.100	0.00453	85.0	70-130			
Toluene	0.0921	0.0050	"	0.100	ND	92.1	70-130			
Ethylbenzene	0.0965	0.0050	"	0.100	ND	96.5	70-130			
m,p-Xylene	0.183	0.010	"	0.200	ND	91.6	70-130			
o-Xylene	0.0883	0.0050	"	0.100	ND	88.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0402		"	0.0396		102	23-173			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	21-167			

Matrix Spike Dup (1805345-MSD1)		Source: 1805225-11			Prepared: 05/30/18		Analyzed: 05/31/18			
Benzene	0.0910	0.0020	mg/kg	0.100	0.00453	86.4	70-130	1.56	30	
Toluene	0.0937	0.0050	"	0.100	ND	93.7	70-130	1.71	30	
Ethylbenzene	0.102	0.0050	"	0.100	ND	102	70-130	5.91	30	
m,p-Xylene	0.192	0.010	"	0.200	ND	95.8	70-130	4.42	30	
o-Xylene	0.0939	0.0050	"	0.100	ND	93.9	70-130	6.12	30	
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0396		102	23-173			
Surrogate: Toluene-d8	0.0412		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

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 1805343 - EPA 3550A

Blank (1805343-BLK1)					Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1805343-BS1)					Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	556	50	mg/kg	500		111	70-130			
Matrix Spike (1805343-MS1)					Source: 1805335-01 Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	630	50	mg/kg	500	49.6	116	70-130			
Matrix Spike Dup (1805343-MSD1)					Source: 1805335-01 Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	601	50	mg/kg	500	49.6	110	70-130	4.57	20	

Batch 1805344 - EPA 3550A

Blank (1805344-BLK1)					Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1805344-BS1)					Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	552	50	mg/kg	500		110	70-130			
Matrix Spike (1805344-MS1)					Source: 1805225-11 Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	528	50	mg/kg	500	41.3	97.3	70-130			
Matrix Spike Dup (1805344-MSD1)					Source: 1805225-11 Prepared: 05/30/18 Analyzed: 05/31/18					
C10-C28 (DRO)	547	50	mg/kg	500	41.3	101	70-130	3.70	20	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crushed Rock

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 17:31

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 05, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/30/18 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C26	1805364-01	Soil	05/30/18 11:10	05/30/18 16:00
C27	1805364-02	Soil	05/30/18 11:15	05/30/18 16:00
C28	1805364-03	Soil	05/30/18 11:20	05/30/18 16:00
C29	1805364-04	Soil	05/30/18 11:25	05/30/18 16:00
C30	1805364-05	Soil	05/30/18 11:30	05/30/18 16:00
C31	1805364-06	Soil	05/30/18 11:35	05/30/18 16:00
C32	1805364-07	Soil	05/30/18 11:40	05/30/18 16:00
C33	1805364-08	Soil	05/30/18 11:45	05/30/18 16:00
C34	1805364-09	Soil	05/30/18 11:50	05/30/18 16:00
C35	1805364-10	Soil	05/30/18 11:55	05/30/18 16:00
C36	1805364-11	Soil	05/30/18 12:00	05/30/18 16:00
C37	1805364-12	Soil	05/30/18 12:05	05/30/18 16:00
C38	1805364-13	Soil	05/30/18 12:10	05/30/18 16:00
C39	1805364-14	Soil	05/30/18 12:15	05/30/18 16:00
C40	1805364-15	Soil	05/30/18 12:20	05/30/18 16:00
C41	1805364-16	Soil	05/30/18 12:25	05/30/18 16:00
C42	1805364-17	Soil	05/30/18 12:30	05/30/18 16:00
C43	1805364-18	Soil	05/30/18 12:35	05/30/18 16:00
C44	1805364-19	Soil	05/30/18 12:40	05/30/18 16:00
C45	1805364-20	Soil	05/30/18 12:45	05/30/18 16:00
C46	1805364-21	Soil	05/30/18 12:50	05/30/18 16:00
C47	1805364-22	Soil	05/30/18 12:55	05/30/18 16:00
C48	1805364-23	Soil	05/30/18 13:00	05/30/18 16:00
C49	1805364-24	Soil	05/30/18 13:05	05/30/18 16:00
C50	1805364-25	Soil	05/30/18 13:10	05/30/18 16:00
C51	1805364-26	Soil	05/30/18 13:15	05/30/18 16:00
C52	1805364-27	Soil	05/30/18 13:20	05/30/18 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C53	1805364-28	Soil	05/30/18 13:25	05/30/18 16:00
C54	1805364-29	Soil	05/30/18 13:30	05/30/18 16:00
C55	1805364-30	Soil	05/30/18 13:35	05/30/18 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific



1805364.2

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 2 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX												
C36	5/30/2018	12:00	1			x			x				x	x											
C37	5/30/2018	12:05	1			x			x				x	x											
C38	5/30/2018	12:10	1			x			x				x	x											
C39	5/30/2018	12:15	1			x			x				x	x											
C40	5/30/2018	12:20	1			x			x				x	x											
C41	5/30/2018	12:25	1			x			x				x	x											
C42	5/30/2018	12:30	1			x			x				x	x											
C43	5/30/2018	12:35	1			x			x				x	x											
C44	5/30/2018	12:40	1			x			x				x	x											
C45	5/30/2018	12:45	1			x			x				x	x											
Relinquished by:  Date/Time: 5.30.18 16:00				Received by:  Date/Time: 5-30-18 16:00				Turn Around Time (Check)																	
Relinquished by:				Received by:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>																	
Relinquished by:				Received in Lab by:				Sample Integrity: Temperature Upon Receipt: 12.4 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	

Summit Scientific

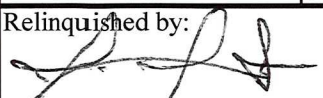

1805364.3

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 3 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:								Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX										
C46	5/30/2018	12:50	1			x			x				x	x									
C47	5/30/2018	12:55	1			x			x				x	x									
C48	5/30/2018	13:00	1			x			x				x	x									
C49	5/30/2018	13:05	1			x			x				x	x									
C50	5/30/2018	13:10	1			x			x				x	x									
C51	5/30/2018	13:15	1			x			x				x	x									
C52	5/30/2018	13:20	1			x			x				x	x									
C53	5/30/2018	13:25	1			x			x				x	x									
C54	5/30/2018	13:30	1			x			x				x	x									
C55	5/30/2018	13:35	1			x			x				x	x									
Relinquished by:  5-30-18 16:00				Date/Time: 5-30-18 16:00				Received by:  5-30-18 16:00				Date/Time: 5-30-18 16:00				Turn Around Time (Check)							
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>							
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 12.4 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							

Summit Scientific

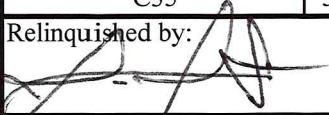

1805364.1

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 3

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:								Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX											
C26	5/30/2018	11:10	1			x			x				x	x										
C27	5/30/2018	11:15	1			x			x				x	x										
C28	5/30/2018	11:20	1			x			x				x	x										
C29	5/30/2018	11:25	1			x			x				x	x										
C30	5/30/2018	11:30	1			x			x				x	x										
C31	5/30/2018	11:35	1			x			x				x	x										
C32	5/30/2018	11:40	1			x			x				x	x										
C33	5/30/2018	11:45	1			x			x				x	x										
C34	5/30/2018	11:50	1			x			x				x	x										
C35	5/30/2018	11:55	1			x			x				x	x										
Relinquished by: 				Date/Time: 5.30.18 4:00 PM				Received by: 				Date/Time: 5/31/18 10:00				Turn Around Time (Check)								
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>								
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 12.4 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								

Sample Receipt Checklist

S2 Work Order: 1805364

Client: Talon

Client Project ID: Razor 27 I

Shipped Via: P.U.

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Temp (°C)	<u>12.4</u>
-----------	-------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<u> X </u>			
Were all samples received intact ⁽¹⁾ ?	<u> X </u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u> X </u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u> X </u>	
Are samples with holding times due within 48 hours sample due within 48 hours present?			<u> X </u>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u> X </u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u> X </u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u> X </u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u> X </u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<u> X </u>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<u> X </u>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<u> X </u>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<u> X </u>	

Additional Comments (if any):

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

Muri
Custodian Printed Name or Initials

LA 5-30-18
Signature or Initials of Custodian

18:45
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C26
1805364-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.6	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>111 %</i>	<i>23-173</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>99.8 %</i>	<i>20-170</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>98.6 %</i>	<i>21-167</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		<i>74.3 %</i>	<i>30-150</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C27
1805364-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.8	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C28
1805364-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.8	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	53	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C29
1805364-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.9	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	83	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C30
1805364-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C31
1805364-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	91	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		80.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C32
1805364-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	89	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C33
1805364-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.8	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	66	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		75.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C34
1805364-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.6	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C35
1805364-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C36
1805364-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.8	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	85	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		78.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C37
1805364-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	05/31/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		78.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C38
1805364-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	92	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		75.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C39
1805364-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.1	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	83	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C40
1805364-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		96.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	97	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C41
1805364-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C42
1805364-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C43
1805364-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	83	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C44
1805364-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C45
1805364-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805355	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	78	50	mg/kg	1	1805353	05/31/18	06/03/18	EPA 8015M	

Date Sampled: **05/30/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C46
1805364-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	97	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C47
1805364-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.8	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	69	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		70.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C48
1805364-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	78	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		69.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C49
1805364-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		83.0 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		75.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C50
1805364-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	96	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C51
1805364-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		78.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	91	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		73.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C52
1805364-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.0	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		74.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C53
1805364-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		76.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	100	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		74.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C54
1805364-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.0	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		74.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

C55
1805364-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1805356	05/31/18	06/01/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.0	0.50	"	"	"	"	"	"	

Date Sampled: **05/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		77.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	80	50	mg/kg	1	1805354	05/31/18	06/02/18	EPA 8015M	

Date Sampled: **05/30/18 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

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 1805355 - EPA 5030 Soil MS

Blank (1805355-BLK1)

Prepared & Analyzed: 05/31/18

Benzene	ND	0.0020	mg/kg
Toluene	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Xylenes (total)	ND	0.010	"
Gasoline Range Hydrocarbons	ND	0.50	"

Surrogate: 1,2-Dichloroethane-d4	0.0446		"	0.0396	113	23-173
Surrogate: Toluene-d8	0.0392		"	0.0400	98.0	20-170
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400	98.6	21-167

LCS (1805355-BS1)

Prepared & Analyzed: 05/31/18

Benzene	0.0912	0.0020	mg/kg	0.100	91.2	70-130
Toluene	0.0936	0.0050	"	0.100	93.6	70-130
Ethylbenzene	0.0942	0.0050	"	0.100	94.2	70-130
m,p-Xylene	0.181	0.010	"	0.200	90.4	70-130
o-Xylene	0.0892	0.0050	"	0.100	89.2	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0442		"	0.0396	112	23-173
Surrogate: Toluene-d8	0.0407		"	0.0400	102	20-170
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400	98.7	21-167

Matrix Spike (1805355-MS1)

Source: 1805364-01

Prepared & Analyzed: 05/31/18

Benzene	0.0890	0.0020	mg/kg	0.100	ND	89.0	70-130
Toluene	0.0902	0.0050	"	0.100	ND	90.2	70-130
Ethylbenzene	0.0875	0.0050	"	0.100	ND	87.5	70-130
m,p-Xylene	0.168	0.010	"	0.200	ND	84.0	70-130
o-Xylene	0.0852	0.0050	"	0.100	ND	85.2	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0451		"	0.0396	114	23-173
Surrogate: Toluene-d8	0.0410		"	0.0400	102	20-170
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400	100	21-167

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

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 1805355 - EPA 5030 Soil MS

Matrix Spike Dup (1805355-MSD1)				Source: 1805364-01		Prepared & Analyzed: 05/31/18				
Benzene	0.0853	0.0020	mg/kg	0.100	ND	85.3	70-130	4.17	30	
Toluene	0.0860	0.0050	"	0.100	ND	86.0	70-130	4.77	30	
Ethylbenzene	0.0832	0.0050	"	0.100	ND	83.2	70-130	5.10	30	
m,p-Xylene	0.160	0.010	"	0.200	ND	80.1	70-130	4.76	30	
o-Xylene	0.0802	0.0050	"	0.100	ND	80.2	70-130	6.10	30	
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0396		108	23-173			
Surrogate: Toluene-d8	0.0409		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.4	21-167			

Batch 1805356 - EPA 5030 Soil MS

Blank (1805356-BLK1)				Prepared: 05/31/18 Analyzed: 06/01/18						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0328		"	0.0396		82.7	23-173			
Surrogate: Toluene-d8	0.0384		"	0.0400		95.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.2	21-167			
LCS (1805356-BS1)				Prepared: 05/31/18 Analyzed: 06/01/18						
Benzene	0.0926	0.0020	mg/kg	0.100		92.6	70-130			
Toluene	0.0937	0.0050	"	0.100		93.7	70-130			
Ethylbenzene	0.113	0.0050	"	0.100		113	70-130			
m,p-Xylene	0.211	0.010	"	0.200		105	70-130			
o-Xylene	0.0963	0.0050	"	0.100		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0327		"	0.0396		82.5	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0357		"	0.0400		89.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

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 1805356 - EPA 5030 Soil MS

Matrix Spike (1805356-MS1)		Source: 1805364-21			Prepared: 05/31/18		Analyzed: 06/01/18			
Benzene	0.0871	0.0020	mg/kg	0.100	ND	87.1	70-130			
Toluene	0.0850	0.0050	"	0.100	ND	85.0	70-130			
Ethylbenzene	0.0891	0.0050	"	0.100	ND	89.1	70-130			
m,p-Xylene	0.167	0.010	"	0.200	ND	83.5	70-130			
o-Xylene	0.0877	0.0050	"	0.100	ND	87.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0322		"	0.0396		81.3	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0368		"	0.0400		92.0	21-167			

Matrix Spike Dup (1805356-MSD1)		Source: 1805364-21			Prepared: 05/31/18		Analyzed: 06/01/18			
Benzene	0.0860	0.0020	mg/kg	0.100	ND	86.0	70-130	1.18	30	
Toluene	0.0848	0.0050	"	0.100	ND	84.8	70-130	0.177	30	
Ethylbenzene	0.0909	0.0050	"	0.100	ND	90.9	70-130	2.00	30	
m,p-Xylene	0.171	0.010	"	0.200	ND	85.6	70-130	2.52	30	
o-Xylene	0.0872	0.0050	"	0.100	ND	87.2	70-130	0.618	30	
Surrogate: 1,2-Dichloroethane-d4	0.0322		"	0.0396		81.3	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

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 1805353 - EPA 3550A

Blank (1805353-BLK1)					Prepared: 05/31/18 Analyzed: 06/02/18					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1805353-BS1)					Prepared: 05/31/18 Analyzed: 06/03/18					
C10-C28 (DRO)	510	50	mg/kg	500		102	70-130			
Matrix Spike (1805353-MS1)					Source: 1805364-01 Prepared: 05/31/18 Analyzed: 06/03/18					
C10-C28 (DRO)	581	50	mg/kg	500	22.0	112	70-130			
Matrix Spike Dup (1805353-MSD1)					Source: 1805364-01 Prepared: 05/31/18 Analyzed: 06/03/18					
C10-C28 (DRO)	408	50	mg/kg	500	22.0	77.2	70-130	34.9	20	QM-07

Batch 1805354 - EPA 3550A

Blank (1805354-BLK1)					Prepared: 05/31/18 Analyzed: 06/02/18					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1805354-BS1)					Prepared: 05/31/18 Analyzed: 06/02/18					
C10-C28 (DRO)	537	50	mg/kg	500		107	70-130			
Matrix Spike (1805354-MS1)					Source: 1805362-01 Prepared: 05/31/18 Analyzed: 06/02/18					
C10-C28 (DRO)	500	50	mg/kg	500	8.27	98.4	70-130			
Matrix Spike Dup (1805354-MSD1)					Source: 1805362-01 Prepared: 05/31/18 Analyzed: 06/02/18					
C10-C28 (DRO)	529	50	mg/kg	500	8.27	104	70-130	5.52	20	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/05/18 09:38

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 07, 2018

Jennifer Galles
Talon/LPE
1811 East Mulberry
Fort Collins, CO 80525
RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/31/18 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C56	1805386-01	Soil	05/31/18 10:30	05/31/18 15:30
C57	1805386-02	Soil	05/31/18 10:35	05/31/18 15:30
C58	1805386-03	Soil	05/31/18 10:40	05/31/18 15:30
C59	1805386-04	Soil	05/31/18 10:45	05/31/18 15:30
C60	1805386-05	Soil	05/31/18 10:50	05/31/18 15:30
C61	1805386-06	Soil	05/31/18 10:55	05/31/18 15:30
C62	1805386-07	Soil	05/31/18 11:00	05/31/18 15:30
C63	1805386-08	Soil	05/31/18 11:05	05/31/18 15:30
C64	1805386-09	Soil	05/31/18 11:10	05/31/18 15:30
C65	1805386-10	Soil	05/31/18 11:15	05/31/18 15:30
C66	1805386-11	Soil	05/31/18 11:20	05/31/18 15:30
C67	1805386-12	Soil	05/31/18 11:25	05/31/18 15:30
C68	1805386-13	Soil	05/31/18 11:30	05/31/18 15:30
C69	1805386-14	Soil	05/31/18 11:35	05/31/18 15:30
C70	1805386-15	Soil	05/31/18 11:40	05/31/18 15:30
C71	1805386-16	Soil	05/31/18 11:45	05/31/18 15:30
C72	1805386-17	Soil	05/31/18 11:50	05/31/18 15:30
C73	1805386-18	Soil	05/31/18 11:55	05/31/18 15:30
C74	1805386-19	Soil	05/31/18 12:00	05/31/18 15:30
C75	1805386-20	Soil	05/31/18 12:05	05/31/18 15:30
C76	1805386-21	Soil	05/31/18 12:10	05/31/18 15:30
C77	1805386-22	Soil	05/31/18 12:15	05/31/18 15:30
C78	1805386-23	Soil	05/31/18 12:20	05/31/18 15:30
C79	1805386-24	Soil	05/31/18 12:25	05/31/18 15:30
C80	1805386-25	Soil	05/31/18 12:30	05/31/18 15:30
C81	1805386-26	Soil	05/31/18 12:35	05/31/18 15:30
C82	1805386-27	Soil	05/31/18 12:40	05/31/18 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C83	1805386-28	Soil	05/31/18 12:45	05/31/18 15:30
C84	1805386-29	Soil	05/31/18 12:50	05/31/18 15:30
C85	1805386-30	Soil	05/31/18 12:55	05/31/18 15:30
C86	1805386-31	Soil	05/31/18 13:00	05/31/18 15:30
C87	1805386-32	Soil	05/31/18 13:05	05/31/18 15:30
C88	1805386-33	Soil	05/31/18 13:10	05/31/18 15:30
B47	1805386-34	Soil	05/31/18 13:20	05/31/18 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1805386.1

Summit Scientific

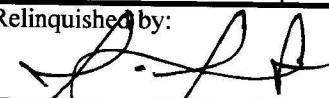
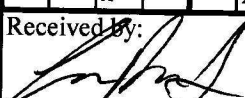
741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Page 1 of 4

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.03

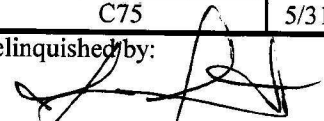
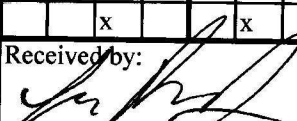
Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions														
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX																									
C56	5/31/2018	10:30	1			x			x				x	x																								
C57	5/31/2018	10:35	1			x			x				x	x																								
C58	5/31/2018	10:40	1			x			x				x	x																								
C59	5/31/2018	10:45	1			x			x				x	x																								
C60	5/31/2018	10:50	1			x			x				x	x																								
C61	5/31/2018	10:55	1			x			x				x	x																								
C62	5/31/2018	11:00	1			x			x				x	x																								
C63	5/31/2018	11:05	1			x			x				x	x																								
C64	5/31/2018	11:10	1			x			x				x	x																								
C65	5/31/2018	11:15	1			x			x				x	x																								

Relinquished by: 	Date/Time: 5/31/18 15:30	Received by: 	Date/Time: 5/31/18 15:30	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>
Relinquished by:	Date/Time:	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	
				Sample Integrity: Temperature Upon Receipt: 160 Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Summit Scientific

Page 2 of 4

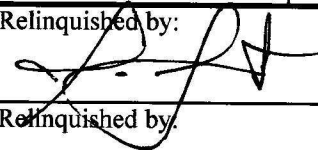
Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I
Project Number:	701530.054.03

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX												
C66	5/31/2018	11:20	1			X			X			X	X												
C67	5/31/2018	11:25	1			X			X			X	X												
C68	5/31/2018	11:30	1			X			X			X	X												
C69	5/31/2018	11:35	1			X			X			X	X												
C70	5/31/2018	11:40	1			X			X			X	X												
C71	5/31/2018	11:45	1			X			X			X	X												
C72	5/31/2018	11:50	1			X			X			X	X												
C73	5/31/2018	11:55	1			X			X			X	X												
C74	5/31/2018	12:00	1			X			X			X	X												
C75	5/31/2018	12:05	1			X			X			X	X												
Relinquished by: 				Date/Time: 5.31.18 5:30		Received by: 				Date/Time: 5/31/18 5:30		Turn Around Time (Check)													
Relinquished by:				Date/Time:		Received by:				Date/Time:		Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>													
Relinquished by:				Date/Time:		Received in Lab by:				Date/Time:		Sample Integrity: Temperature Upon Receipt: _____ Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													

1805386.3

Page 3 of 4

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I
Project Number:	701530.054.03

				Preservative				Matrix				Analyze For:																							
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX								Special Instructions														
C76	5/31/2018	12:10	1			x			x			x	x																						
C77	5/31/2018	12:15	1			x			x			x	x																						
C78	5/31/2018	12:20	1			x			x			x	x																						
C79	5/31/2018	12:25	1			x			x			x	x																						
C80	5/31/2018	12:30	1			x			x			x	x																						
C81	5/31/2018	12:35	1			x			x			x	x																						
C82	5/31/2018	12:40	1			x			x			x	x																						
C83	5/31/2018	12:45	1			x			x			x	x																						
C84	5/31/2018	12:50	1			x			x			x	x																						
C85	5/31/2018	12:55	1			x			x			x	x																						
Relinquished by:  Date/Time: 5.31.18 15:30				Received by:				Date/Time:				Turn Around Time (Check)																							
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/>				72 Hours <input type="checkbox"/>				24 Hours <input type="checkbox"/>				Standard <input checked="" type="checkbox"/>				48 Hours <input type="checkbox"/>			
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity:																			
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Temperature Upon Receipt: _____																			
																Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>																			

Summit Scientific

Page 4 of 4

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I
Project Number:	701530.054.03

www.s2scientific.com

Turn Around Time (Check)

Same Day

72 Hours

24 Hours

Standard

48 Hours

Sample Integrity:

Temperature Upon Receipt: _____

Intact:

Yes

No

Sample Receipt Checklist

S2 Work Order: 1805386

Client: TALON / WHITING

Client Project ID: RACAR 27I

Shipped Via: Pickup
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Temp (°C) 16.0

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

UP
Custodian Printed Name or Initials

[Signature]
Signature or Initials of Custodian

5/31/18 1622
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C56
1805386-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.71	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		87.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C57
1805386-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.99	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C58
1805386-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.0 %	30-150		"	"	"	"	

Summit Scientific

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C59
1805386-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.6	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.2 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C60
1805386-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.2 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C61
1805386-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/04/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		83.3 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C62
1805386-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		82.8 %	30-150		"	"	"	"	

Summit Scientific

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Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C63
1805386-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.5 %	30-150		"	"	"	"	

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Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C64
1805386-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.9 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C65
1805386-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.0 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C66
1805386-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.4 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C67
1805386-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		86.9 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C68
1805386-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806034	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	230	50	mg/kg	1	1806035	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.9 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C69
1805386-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1806037	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.5 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C70
1805386-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	180	50	mg/kg	1	1806037	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C71
1805386-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	1806037	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		86.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C72
1805386-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806037	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C73
1805386-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1806037	06/04/18	06/05/18	EPA 8015M	

Date Sampled: **05/31/18 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C74
1805386-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		86.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C75
1805386-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C76
1805386-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.89	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		83.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C77
1805386-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.5	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	160	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C78
1805386-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		86.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C79
1805386-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	92	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C80
1805386-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	120	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C81
1805386-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	150	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C82
1805386-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	130	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C83
1805386-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	78	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		83.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C84
1805386-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.99	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	110	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.2 %	30-150		"	"	"	"	

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1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C85
1805386-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.98	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	68	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C86
1805386-31 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C87
1805386-32 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	160	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		80.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

C88
1805386-33 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.0	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.3 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

B47
1805386-34 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1806036	06/04/18	06/05/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.85	0.50	"	"	"	"	"	"	

Date Sampled: **05/31/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	1806037	06/04/18	06/06/18	EPA 8015M	

Date Sampled: **05/31/18 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		83.6 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

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 1806034 - EPA 5030 Soil MS

Blank (1806034-BLK1)

Prepared & Analyzed: 06/04/18

Benzene	ND	0.0020	mg/kg
Toluene	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Xylenes (total)	ND	0.010	"
Gasoline Range Hydrocarbons	ND	0.50	"

Surrogate: 1,2-Dichloroethane-d4	0.0430	"	0.0396	109	23-173
Surrogate: Toluene-d8	0.0394	"	0.0400	98.5	20-170
Surrogate: 4-Bromofluorobenzene	0.0403	"	0.0400	101	21-167

LCS (1806034-BS1)

Prepared & Analyzed: 06/04/18

Benzene	0.0764	0.0020	mg/kg	0.100	76.4	70-130
Toluene	0.0842	0.0050	"	0.100	84.2	70-130
Ethylbenzene	0.0983	0.0050	"	0.100	98.3	70-130
m,p-Xylene	0.186	0.010	"	0.200	93.0	70-130
o-Xylene	0.0943	0.0050	"	0.100	94.3	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0446	"	0.0396	113	23-173
Surrogate: Toluene-d8	0.0394	"	0.0400	98.5	20-170
Surrogate: 4-Bromofluorobenzene	0.0412	"	0.0400	103	21-167

Matrix Spike (1806034-MS1)

Source: 1806027-01

Prepared & Analyzed: 06/04/18

Benzene	0.0801	0.0020	mg/kg	0.100	ND	80.1	70-130
Toluene	0.191	0.0050	"	0.100	0.0831	108	70-130
Ethylbenzene	0.134	0.0050	"	0.100	0.0295	104	70-130
m,p-Xylene	0.746	0.010	"	0.200	2.08	NR	70-130
o-Xylene	0.337	0.0050	"	0.100	0.210	127	70-130

Surrogate: 1,2-Dichloroethane-d4	0.0459	"	0.0396	116	23-173
Surrogate: Toluene-d8	0.0396	"	0.0400	98.9	20-170
Surrogate: 4-Bromofluorobenzene	0.0579	"	0.0400	145	21-167

QM-07

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

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 1806034 - EPA 5030 Soil MS

Matrix Spike Dup (1806034-MSD1)			Source: 1806027-01		Prepared & Analyzed: 06/04/18					
Benzene	0.0795	0.0020	mg/kg	0.100	ND	79.5	70-130	0.714	30	
Toluene	0.151	0.0050	"	0.100	0.0831	67.7	70-130	23.6	30	QM-07
Ethylbenzene	0.125	0.0050	"	0.100	0.0295	95.1	70-130	7.04	30	
m,p-Xylene	0.601	0.010	"	0.200	2.08	NR	70-130	21.5	30	QM-07
o-Xylene	0.275	0.0050	"	0.100	0.210	65.2	70-130	20.2	30	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0470		"	0.0396		119	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0526		"	0.0400		132	21-167			

Batch 1806036 - EPA 5030 Soil MS

Blank (1806036-BLK1)			Prepared: 06/04/18 Analyzed: 06/05/18							
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0433		"	0.0396		109	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.5	21-167			

LCS (1806036-BS1)			Prepared: 06/04/18 Analyzed: 06/05/18							
Benzene	0.101	0.0020	mg/kg	0.100		101	70-130			
Toluene	0.101	0.0050	"	0.100		101	70-130			
Ethylbenzene	0.0981	0.0050	"	0.100		98.1	70-130			
m,p-Xylene	0.187	0.010	"	0.200		93.5	70-130			
o-Xylene	0.0966	0.0050	"	0.100		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0396		104	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.3	21-167			

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

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 1806036 - EPA 5030 Soil MS

Matrix Spike (1806036-MS1)

Source: 1805386-14

Prepared: 06/04/18 Analyzed: 06/05/18

Benzene	0.0902	0.0020	mg/kg	0.100	ND	90.2	70-130		
Toluene	0.0891	0.0050	"	0.100	ND	89.1	70-130		
Ethylbenzene	0.0814	0.0050	"	0.100	ND	81.4	70-130		
m,p-Xylene	0.156	0.010	"	0.200	ND	77.8	70-130		
o-Xylene	0.0822	0.0050	"	0.100	ND	82.2	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.0423		"	0.0396		107	23-173		
Surrogate: Toluene-d8	0.0405		"	0.0400		101	20-170		
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.3	21-167		

Matrix Spike Dup (1806036-MSD1)

Source: 1805386-14

Prepared: 06/04/18 Analyzed: 06/05/18

Benzene	0.0838	0.0020	mg/kg	0.100	ND	83.8	70-130	7.35	30
Toluene	0.0832	0.0050	"	0.100	ND	83.2	70-130	6.86	30
Ethylbenzene	0.0768	0.0050	"	0.100	ND	76.8	70-130	5.92	30
m,p-Xylene	0.147	0.010	"	0.200	ND	73.6	70-130	5.55	30
o-Xylene	0.0778	0.0050	"	0.100	ND	77.8	70-130	5.40	30
Surrogate: 1,2-Dichloroethane-d4	0.0428		"	0.0396		108	23-173		
Surrogate: Toluene-d8	0.0408		"	0.0400		102	20-170		
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	21-167		

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1806035 - EPA 3550A

Blank (1806035-BLK1)				Prepared & Analyzed: 06/04/18							
C10-C28 (DRO)	ND	50	mg/kg								
LCS (1806035-BS1)				Prepared & Analyzed: 06/04/18							
C10-C28 (DRO)	361	50	mg/kg	500		72.2	70-130				
Matrix Spike (1806035-MS1)				Source: 1806027-01		Prepared & Analyzed: 06/04/18					
C10-C28 (DRO)	1130	50	mg/kg	500	1190	NR	30-130				QM-07
Matrix Spike Dup (1806035-MSD1)				Source: 1806027-01		Prepared & Analyzed: 06/04/18					
C10-C28 (DRO)	1160	50	mg/kg	500	1190	NR	30-130	2.62	20		QM-07

Batch 1806037 - EPA 3550A

Blank (1806037-BLK1)				Prepared: 06/04/18 Analyzed: 06/05/18							
C10-C28 (DRO)	ND	50	mg/kg								
LCS (1806037-BS1)				Prepared: 06/04/18 Analyzed: 06/05/18							
C10-C28 (DRO)	407	50	mg/kg	500		81.3	70-130				
Matrix Spike (1806037-MS1)				Source: 1805386-14		Prepared: 06/04/18 Analyzed: 06/05/18					
C10-C28 (DRO)	511	50	mg/kg	500	127	76.7	70-130				
Matrix Spike Dup (1806037-MSD1)				Source: 1805386-14		Prepared: 06/04/18 Analyzed: 06/05/18					
C10-C28 (DRO)	484	50	mg/kg	500	127	71.4	70-130	5.34	20		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/07/18 08:34

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

August 30, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 08/29/18 15:06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1@14'	1808376-01	Soil	08/29/18 11:20	08/29/18 15:06
SS-2@14'	1808376-02	Soil	08/29/18 11:25	08/29/18 15:06
SS-3@14'	1808376-03	Soil	08/29/18 11:30	08/29/18 15:06
SS-4@14'	1808376-04	Soil	08/29/18 11:35	08/29/18 15:06
BH-1@15'	1808376-05	Soil	08/29/18 11:40	08/29/18 15:06
BH-2@15'	1808376-06	Soil	08/29/18 11:45	08/29/18 15:06
SS-5@14'	1808376-07	Soil	08/29/18 11:50	08/29/18 15:06

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

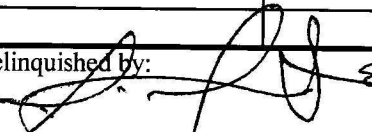
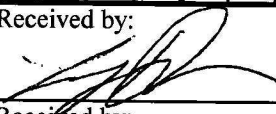
741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1808376

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I North Excavation
Project Number: 701530.054.05

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO	Dro	BTEX										
SS-1 @14'	8/29/2018	11:20	1			x			x				x	x	x									
SS-2 @14'	8/29/2018	11:25	1			x			x				x	x	x									
SS-3 @14'	8/29/2018	11:30	1			x			x				x	x	x									
SS-4 @14'	8/29/2018	11:35	1			x			x				x	x	x									
BH-1 @15'	8/29/2018	11:40	1			x			x				x	x	x									
BH-2 @15'	8/29/2018	11:45	1			x			x				x	x	x									
SS-5 @14'	8/29/2018	11:50	1			x			x				x	x	x									
Relinquished by:  8/29/18 15:00				Received by:  8-29-18 1506				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>																
Relinquished by:				Received by:				Sample Integrity: Temperature Upon Receipt: 30.7 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																
Relinquished by:				Received in Lab by:																				

Sample Receipt Checklist

S2 Work Order: 1808376

Client: Talen LPE - Whiting Client Project ID: Razar 27I North Excavation

Shipped Via: Hand
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

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

Temp (°C)	<u>30.7</u>
-----------	-------------

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

LP
Custodian Printed Name or Initials

[Signature]
Signature or Initials of Custodian

8-29-18 1840
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

SS-1@14'
1808376-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	9.7	0.20	mg/kg	100	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	20	0.50	"	"	"	"	"	"	
Ethylbenzene	25	0.50	"	"	"	"	"	"	
Xylenes (total)	93	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2100	50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		142 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		166 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	22000	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		400 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

SS-2@14'
1808376-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	1.3	0.20	mg/kg	100	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	9.2	0.50	"	"	"	"	"	"	
Ethylbenzene	10	0.50	"	"	"	"	"	"	
Xylenes (total)	44	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1100	50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		127 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		137 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	19000	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		370 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

SS-3@14'
1808376-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.37	0.20	mg/kg	100	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	3.7	0.50	"	"	"	"	"	"	
Ethylbenzene	3.0	0.50	"	"	"	"	"	"	
Xylenes (total)	23	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	910	50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		127 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		132 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	13000	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		247 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

SS-4@14'
1808376-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	9.5	0.20	mg/kg	100	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	21	0.50	"	"	"	"	"	"	
Ethylbenzene	19	0.50	"	"	"	"	"	"	
Xylenes (total)	96	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2200	50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		144 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95.5 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		167 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	11000	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		94.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

BH-1@15'
1808376-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.021	0.0020	mg/kg	1	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	0.048	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.049	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.19	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		128 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		117 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	450	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		56.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

BH-2@15'
1808376-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	200	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

SS-5@14'
1808376-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/18 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	10	0.20	mg/kg	100	1808353	08/29/18	08/30/18	EPA 8260B	
Toluene	31	0.50	"	"	"	"	"	"	
Ethylbenzene	16	0.50	"	"	"	"	"	"	
Xylenes (total)	87	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2300	50	"	"	"	"	"	"	

Date Sampled: **08/29/18 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		152 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.3 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		164 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/18 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	25000	50	mg/kg	1	1808356	08/29/18	08/30/18	EPA 8015M	

Date Sampled: **08/29/18 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		528 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

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 1808353 - EPA 5030 Soil MS

Blank (1808353-BLK1)

Prepared & Analyzed: 08/29/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0322		"	0.0396		81.4	23-173			
Surrogate: Toluene-d8	0.0378		"	0.0400		94.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	21-167			

LCS (1808353-BS1)

Prepared & Analyzed: 08/29/18

Benzene	0.0902	0.0020	mg/kg	0.100		90.2	70-130			
Toluene	0.0940	0.0050	"	0.100		94.0	70-130			
Ethylbenzene	0.0970	0.0050	"	0.100		97.0	70-130			
m,p-Xylene	0.179	0.010	"	0.200		89.4	70-130			
o-Xylene	0.0905	0.0050	"	0.100		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0334		"	0.0396		84.5	23-173			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.5	21-167			

Matrix Spike (1808353-MS1)

Source: 1808376-06

Prepared & Analyzed: 08/29/18

Benzene	0.0908	0.0020	mg/kg	0.100	ND	90.8	70-130			
Toluene	0.0958	0.0050	"	0.100	ND	95.8	70-130			
Ethylbenzene	0.105	0.0050	"	0.100	ND	105	70-130			
m,p-Xylene	0.186	0.010	"	0.200	ND	92.8	70-130			
o-Xylene	0.0937	0.0050	"	0.100	ND	93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0344		"	0.0396		86.8	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0376		"	0.0400		93.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

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 1808353 - EPA 5030 Soil MS

Matrix Spike Dup (1808353-MSD1)	Source: 1808376-06			Prepared & Analyzed: 08/29/18						
Benzene	0.0807	0.0020	mg/kg	0.100	ND	80.7	70-130	11.8	30	
Toluene	0.0860	0.0050	"	0.100	ND	86.0	70-130	10.8	30	
Ethylbenzene	0.0970	0.0050	"	0.100	ND	97.0	70-130	8.33	30	
m,p-Xylene	0.170	0.010	"	0.200	ND	85.1	70-130	8.72	30	
o-Xylene	0.0872	0.0050	"	0.100	ND	87.2	70-130	7.20	30	
Surrogate: 1,2-Dichloroethane-d4	0.0342		"	0.0396		86.4	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.5	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1808356 - EPA 3550A

Blank (1808356-BLK1)

Prepared: 08/29/18 Analyzed: 08/30/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1808356-BS1)

Prepared: 08/29/18 Analyzed: 08/30/18

C10-C28 (DRO) 550 50 mg/kg 500 110 70-130

Matrix Spike (1808356-MS1)

Source: 1808376-06

Prepared: 08/29/18 Analyzed: 08/30/18

C10-C28 (DRO) 915 50 mg/kg 500 197 144 70-130 QM-07

Matrix Spike Dup (1808356-MSD1)

Source: 1808376-06

Prepared: 08/29/18 Analyzed: 08/30/18

C10-C28 (DRO) 893 50 mg/kg 500 197 139 70-130 2.43 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
08/30/18 15:33

Notes and Definitions

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

September 09, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 09/07/18 15:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6	1809064-01	Soil	09/07/18 11:55	09/07/18 15:07
SS-7	1809064-02	Soil	09/07/18 12:15	09/07/18 15:07
SS-8	1809064-03	Soil	09/07/18 12:35	09/07/18 15:07
SS-9	1809064-04	Soil	09/07/18 12:55	09/07/18 15:07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

1809064

Page 1 of 1

Client:	Talon/LPE - Bill to Whiting	
Address:	1811 East Mulberry	
City/State/Zip:	Fort Collins, CO 80524	
Phone:	970-818-5330	Fax:
Sampler Name:	Jason Leverton	

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.05

[illegible]

Sample Receipt Checklist

S2 Work Order: 1809074

Client: ORC Client Project ID: 29th

Shipped Via: H/D Airbill #: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Temp (°C)	<u>16.5°</u>
-----------	--------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	✓			on ice
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are samples with holding times due within 48 hours sample due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?	✓			HNO ₃
Note the type of preservative in the Comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	✓			
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?		✓		
Additional Comments (if any):				
⁽¹⁾ IF NO, then contact the client before proceeding with analysis and note in case narrative.				

AT
Custodian Printed Name or Initials

[Signature]
Signature or Initials of Custodian

9-7-18 8:50
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

SS-6
1809064-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/07/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.0049	0.0020	mg/kg	1	1809064	09/07/18	09/08/18	EPA 8260B	
Toluene	0.019	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.20	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	14	0.50	"	"	"	"	"	"	

Date Sampled: **09/07/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		95.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		136 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/07/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	16000	50	mg/kg	1	1809066	09/07/18	09/08/18	EPA 8015M	

Date Sampled: **09/07/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		684 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

SS-7
1809064-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/07/18 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.062	0.0020	mg/kg	1	1809064	09/07/18	09/08/18	EPA 8260B	
Toluene	5.5	0.50	"	100	"	"	"	"	
Ethylbenzene	11	0.50	"	"	"	"	"	"	
Xylenes (total)	52	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2400	50	"	"	"	"	"	"	

Date Sampled: **09/07/18 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		144 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/07/18 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51000	500	mg/kg	10	1809066	09/07/18	09/08/18	EPA 8015M	

Date Sampled: **09/07/18 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		1820 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

SS-8
1809064-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/07/18 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.13	0.0020	mg/kg	1	1809064	09/07/18	09/08/18	EPA 8260B	
Toluene	0.092	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0059	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.59	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	23	0.50	"	"	"	"	"	"	

Date Sampled: **09/07/18 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		91.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		133 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/07/18 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	7500	50	mg/kg	1	1809066	09/07/18	09/08/18	EPA 8015M	

Date Sampled: **09/07/18 12:35**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

SS-9
1809064-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/07/18 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	4.8	0.20	mg/kg	100	1809064	09/07/18	09/08/18	EPA 8260B	
Toluene	6.8	0.50	"	"	"	"	"	"	
Ethylbenzene	2.3	0.50	"	"	"	"	"	"	
Xylenes (total)	47	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1800	50	"	"	"	"	"	"	

Date Sampled: **09/07/18 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		126 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/07/18 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	19000	50	mg/kg	1	1809066	09/07/18	09/08/18	EPA 8015M	

Date Sampled: **09/07/18 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		575 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

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 1809064 - EPA 5030 Soil MS

Blank (1809064-BLK1)

Prepared: 09/07/18 Analyzed: 09/08/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0390		"	0.0396		98.5	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.3	21-167			

LCS (1809064-BS1)

Prepared: 09/07/18 Analyzed: 09/08/18

Benzene	0.0836	0.0020	mg/kg	0.100		83.6	70-130			
Toluene	0.0920	0.0050	"	0.100		92.0	70-130			
Ethylbenzene	0.110	0.0050	"	0.100		110	70-130			
m,p-Xylene	0.220	0.010	"	0.200		110	70-130			
o-Xylene	0.0975	0.0050	"	0.100		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0358		"	0.0396		90.3	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	21-167			

Matrix Spike (1809064-MS1)

Source: 1809062-01

Prepared: 09/07/18 Analyzed: 09/08/18

Benzene	0.0853	0.0020	mg/kg	0.100	ND	85.3	70-130			
Toluene	0.0924	0.0050	"	0.100	ND	92.4	70-130			
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130			
m,p-Xylene	0.217	0.010	"	0.200	ND	109	70-130			
o-Xylene	0.0955	0.0050	"	0.100	ND	95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0396		102	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

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 1809064 - EPA 5030 Soil MS

Matrix Spike Dup (1809064-MSD1)		Source: 1809062-01			Prepared: 09/07/18 Analyzed: 09/08/18					
Benzene	0.0848	0.0020	mg/kg	0.100	ND	84.8	70-130	0.635	30	
Toluene	0.0926	0.0050	"	0.100	ND	92.6	70-130	0.162	30	
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	0.0551	30	
m,p-Xylene	0.217	0.010	"	0.200	ND	109	70-130	0.0552	30	
o-Xylene	0.0951	0.0050	"	0.100	ND	95.1	70-130	0.441	30	
Surrogate: 1,2-Dichloroethane-d4	0.0391		"	0.0396		98.8	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1809066 - EPA 3550A

Blank (1809066-BLK1)

Prepared: 09/07/18 Analyzed: 09/08/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1809066-BS1)

Prepared: 09/07/18 Analyzed: 09/08/18

C10-C28 (DRO) 631 50 mg/kg 500 126 70-130

Matrix Spike (1809066-MS1)

Source: 1809062-01

Prepared: 09/07/18 Analyzed: 09/08/18

C10-C28 (DRO) 635 50 mg/kg 500 24.8 122 70-130

Matrix Spike Dup (1809066-MSD1)

Source: 1809062-01

Prepared: 09/07/18 Analyzed: 09/08/18

C10-C28 (DRO) 655 50 mg/kg 500 24.8 126 70-130 3.06 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/18 13:24

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 23, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 09/21/18 15:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-10@14'	1809273-01	Soil	09/21/18 13:40	09/21/18 15:15
SS-11@14'	1809273-02	Soil	09/21/18 13:45	09/21/18 15:15
SS12@14'	1809273-03	Soil	09/21/18 13:50	09/21/18 15:15
SS-13@14'	1809273-04	Soil	09/21/18 13:55	09/21/18 15:15

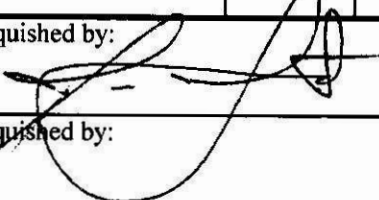
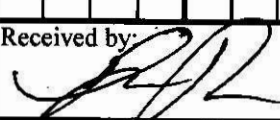
Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I North Excavation
Project Number:	701530.054.05

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH													
SS-10@14'	9/21/2018	13:40	1			x			x				x	x												
SS-11@14'	9/21/2018	13:45	1			x			x				x	x												
SS-12@14'	9/21/2018	13:50	1			x			x				x	x												
SS-13@14'	9/21/2018	13:55	1			x			x				x	x												
Relinquished by: 	Date/Time: 9-21-18 1515	Received by: 	Date/Time: 9-21-18 1515	Turn Around Time (Check)																						
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/>										72 Hours <input type="checkbox"/>												
				24 Hours <input checked="" type="checkbox"/>										Standard <input type="checkbox"/>												
				48 Hours <input type="checkbox"/>																						
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																						
				Temperature Upon Receipt: 14.3																						
				Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																						

Sample Receipt Checklist

S2 Work Order 1809273

Client: Talon LPE / Whiting Client Project ID: Razor 27I North Excavation

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

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

Temp (°C)	<u>14.3</u>
-----------	-------------

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
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):				

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

LP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

9.21.18 1625
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

SS-10@14'
1809273-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/21/18 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.40	0.020	mg/kg	10	1809261	09/21/18	09/21/18	EPA 8260B	
Toluene	1.3	0.050	"	"	"	"	"	"	
Ethylbenzene	2.3	0.050	"	"	"	"	"	"	
Xylenes (total)	9.3	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	140	5.0	"	"	"	"	"	"	

Date Sampled: **09/21/18 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		116 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/21/18 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	5500	50	mg/kg	1	1809264	09/21/18	09/21/18	EPA 8015M	

Date Sampled: **09/21/18 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		56.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

SS-11@14'
1809273-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/21/18 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.17	0.020	mg/kg	10	1809261	09/21/18	09/21/18	EPA 8260B	
Toluene	0.29	0.050	"	"	"	"	"	"	
Ethylbenzene	0.071	0.050	"	"	"	"	"	"	
Xylenes (total)	3.4	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	84	5.0	"	"	"	"	"	"	

Date Sampled: **09/21/18 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/21/18 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	6100	50	mg/kg	1	1809264	09/21/18	09/21/18	EPA 8015M	

Date Sampled: **09/21/18 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		57.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

SS12@14'
1809273-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/21/18 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.32	0.020	mg/kg	10	1809261	09/21/18	09/21/18	EPA 8260B	
Toluene	0.75	0.050	"	"	"	"	"	"	
Ethylbenzene	0.78	0.050	"	"	"	"	"	"	
Xylenes (total)	2.3	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	36	5.0	"	"	"	"	"	"	

Date Sampled: **09/21/18 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/21/18 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1200	50	mg/kg	1	1809264	09/21/18	09/21/18	EPA 8015M	

Date Sampled: **09/21/18 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		104 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

SS-13@14'
1809273-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/21/18 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.41	0.020	mg/kg	10	1809261	09/21/18	09/21/18	EPA 8260B	
Toluene	0.27	0.050	"	"	"	"	"	"	
Ethylbenzene	0.16	0.050	"	"	"	"	"	"	
Xylenes (total)	3.4	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	95	5.0	"	"	"	"	"	"	

Date Sampled: **09/21/18 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.9 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		113 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/21/18 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	7700	50	mg/kg	1	1809264	09/21/18	09/21/18	EPA 8015M	

Date Sampled: **09/21/18 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		143 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

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 1809261 - EPA 5030 Soil MS

Blank (1809261-BLK1)

Prepared: 09/21/18 Analyzed: 09/22/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0389		"	0.0396		98.3	23-173			
Surrogate: Toluene-d8	0.0388		"	0.0400		96.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

LCS (1809261-BS1)

Prepared: 09/21/18 Analyzed: 09/22/18

Benzene	0.0864	0.0020	mg/kg	0.100		86.4	70-130			
Toluene	0.0907	0.0050	"	0.100		90.7	70-130			
Ethylbenzene	0.111	0.0050	"	0.100		111	70-130			
m,p-Xylene	0.216	0.010	"	0.200		108	70-130			
o-Xylene	0.0952	0.0050	"	0.100		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0396		95.9	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Matrix Spike (1809261-MS1)

Source: 1809278-01

Prepared: 09/21/18 Analyzed: 09/22/18

Benzene	0.0883	0.0020	mg/kg	0.100	ND	88.3	70-130			
Toluene	0.0924	0.0050	"	0.100	ND	92.4	70-130			
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130			
m,p-Xylene	0.219	0.010	"	0.200	ND	110	70-130			
o-Xylene	0.0934	0.0050	"	0.100	ND	93.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0396		97.7	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

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 1809261 - EPA 5030 Soil MS

Matrix Spike Dup (1809261-MSD1)	Source: 1809278-01			Prepared: 09/21/18 Analyzed: 09/22/18						
Benzene	0.0872	0.0020	mg/kg	0.100	ND	87.2	70-130	1.23	30	
Toluene	0.0902	0.0050	"	0.100	ND	90.2	70-130	2.43	30	
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	1.20	30	
m,p-Xylene	0.217	0.010	"	0.200	ND	109	70-130	1.02	30	
o-Xylene	0.0928	0.0050	"	0.100	ND	92.8	70-130	0.580	30	
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0396		96.6	23-173			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		96.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1809264 - EPA 3550A

Blank (1809264-BLK1)

Prepared: 09/21/18 Analyzed: 09/22/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1809264-BS1)

Prepared: 09/21/18 Analyzed: 09/22/18

C10-C28 (DRO) 576 50 mg/kg 500 115 70-130

Matrix Spike (1809264-MS1)

Source: 1809278-01

Prepared: 09/21/18 Analyzed: 09/22/18

C10-C28 (DRO) 522 50 mg/kg 500 ND 104 70-130

Matrix Spike Dup (1809264-MSD1)

Source: 1809278-01

Prepared: 09/21/18 Analyzed: 09/22/18

C10-C28 (DRO) 542 50 mg/kg 500 ND 108 70-130 3.69 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/23/18 13:21

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 09, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 10/04/18 14:47. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-14	1810088-01	Soil	10/04/18 10:10	10/04/18 14:47
SS-15	1810088-02	Soil	10/04/18 10:15	10/04/18 14:47
SS-16	1810088-03	Soil	10/04/18 10:20	10/04/18 14:47
SS-17	1810088-04	Soil	10/04/18 10:25	10/04/18 14:47

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1810088

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.05

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH															
SS-14	10/4/2018	10:10	1			x			x				x	x														
SS-15	10/4/2018	10:15	1			x			x				x	x														
SS-16	10/4/2018	10:20	1			x			x				x	x														
SS-17	10/4/2018	10:25	1			x			x				x	x														
Relinquished by:	Date/Time:		Received by:		Date/Time:		Turn Around Time (Check)																					
	10/4/18 14:47				10/4/18 1447		Same Day																					
Relinquished by:	Date/Time:		Received by:		Date/Time:		24 Hours		Standard <input checked="" type="checkbox"/>																			
							48 Hours																					
Relinquished by:	Date/Time:		Received in Lab by:		Date/Time:		Sample Integrity:																					
							Temperature Upon Receipt:		7.2																			
							Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			

Sample Receipt Checklist

S2 Work Order 1810088

Client: Talon - Whiting Client Project ID: Razor 271

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

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

Temp (°C)	<u>7.2</u>
-----------	------------

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

UP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

10-9-18 1820
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

SS-14
1810088-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/18 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.0033	0.0020	mg/kg	1	1810089	10/05/18	10/06/18	EPA 8260B	
Toluene	0.036	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0073	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.24	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/18 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		131 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/18 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1500	50	mg/kg	1	1810087	10/05/18	10/06/18	EPA 8015M	

Date Sampled: **10/04/18 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

SS-15
1810088-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/18 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.093	0.0020	mg/kg	1	1810089	10/05/18	10/06/18	EPA 8260B	
Toluene	0.21	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.064	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.90	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	12	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/18 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		124 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.7 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		146 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/18 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	4000	50	mg/kg	1	1810087	10/05/18	10/06/18	EPA 8015M	

Date Sampled: **10/04/18 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		153 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

SS-16
1810088-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/18 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.015	0.0020	mg/kg	1	1810089	10/05/18	10/06/18	EPA 8260B	
Toluene	0.13	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.078	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.24	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.8	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/18 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.2 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/18 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	740	50	mg/kg	1	1810087	10/05/18	10/06/18	EPA 8015M	

Date Sampled: **10/04/18 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		100 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

SS-17
1810088-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/18 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1810089	10/05/18	10/06/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.055	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/18 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		123 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/18 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	390	50	mg/kg	1	1810087	10/05/18	10/06/18	EPA 8015M	

Date Sampled: **10/04/18 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

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

Batch 1810089 - EPA 5030 Soil MS

Blank (1810089-BLK1)

Prepared: 10/05/18 Analyzed: 10/06/18

Benzene	ND	0.0020	mg/kg						
Toluene	ND	0.0050	"						
Ethylbenzene	ND	0.0050	"						
Xylenes (total)	ND	0.010	"						
Gasoline Range Hydrocarbons	ND	0.50	"						
Surrogate: 1,2-Dichloroethane-d4	0.0437		"	0.0396		110	23-173		
Surrogate: Toluene-d8	0.0395		"	0.0400		98.7	20-170		
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	21-167		

LCS (1810089-BS1)

Prepared: 10/05/18 Analyzed: 10/06/18

Benzene	0.103	0.0020	mg/kg	0.100		103	70-130		
Toluene	0.104	0.0050	"	0.100		104	70-130		
Ethylbenzene	0.108	0.0050	"	0.100		108	70-130		
m,p-Xylene	0.213	0.010	"	0.200		106	70-130		
o-Xylene	0.107	0.0050	"	0.100		107	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.0411		"	0.0396		104	23-173		
Surrogate: Toluene-d8	0.0398		"	0.0400		99.4	20-170		
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		101	21-167		

Matrix Spike (1810089-MS1)

Source: 1810088-01

Prepared: 10/05/18 Analyzed: 10/06/18

Benzene	0.0655	0.0020	mg/kg	0.100	0.00330	62.2	70-130		
Toluene	0.0988	0.0050	"	0.100	0.0362	62.6	70-130		
Ethylbenzene	0.0357	0.0050	"	0.100	0.00729	28.4	70-130		
m,p-Xylene	0.146	0.010	"	0.200	0.0809	32.5	70-130		
o-Xylene	0.231	0.0050	"	0.100	0.164	67.3	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.0462		"	0.0396		117	23-173		
Surrogate: Toluene-d8	0.0391		"	0.0400		97.6	20-170		
Surrogate: 4-Bromofluorobenzene	0.0533		"	0.0400		133	21-167		

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

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 1810089 - EPA 5030 Soil MS

Matrix Spike Dup (1810089-MSD1)		Source: 1810088-01			Prepared: 10/05/18 Analyzed: 10/06/18					
Benzene	0.0633	0.0020	mg/kg	0.100	0.00330	60.0	70-130	3.45	30	
Toluene	0.0951	0.0050	"	0.100	0.0362	58.9	70-130	3.84	30	
Ethylbenzene	0.0416	0.0050	"	0.100	0.00729	34.3	70-130	15.3	30	
m,p-Xylene	0.125	0.010	"	0.200	0.0809	22.3	70-130	15.1	30	
o-Xylene	0.212	0.0050	"	0.100	0.164	48.5	70-130	8.48	30	
Surrogate: 1,2-Dichloroethane-d4	0.0454		"	0.0396		115	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0486		"	0.0400		122	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1810087 - EPA 3550A

Blank (1810087-BLK1)

Prepared & Analyzed: 10/05/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1810087-BS1)

Prepared & Analyzed: 10/05/18

C10-C28 (DRO) 518 50 mg/kg 500 104 70-130

Matrix Spike (1810087-MS1)

Source: 1810088-01

Prepared: 10/05/18 Analyzed: 10/06/18

C10-C28 (DRO) 1850 50 mg/kg 500 1540 61.1 70-130 QM-07

Matrix Spike Dup (1810087-MSD1)

Source: 1810088-01

Prepared: 10/05/18 Analyzed: 10/06/18

C10-C28 (DRO) 1710 50 mg/kg 500 1540 34.3 70-130 7.52 20 QM-07

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/09/18 07:51

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 26, 2018

Jennifer Galles

Talon/LPE

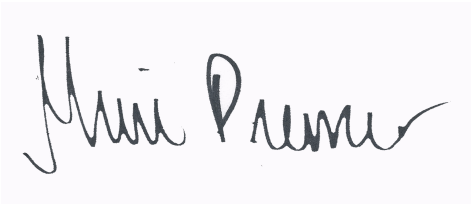
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 10/19/18 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-18@14'	1810258-01	Soil	10/19/18 12:00	10/19/18 15:10
SS-19@14'	1810258-02	Soil	10/19/18 12:10	10/19/18 15:10
SS-20@14'	1810258-03	Soil	10/19/18 12:20	10/19/18 15:10

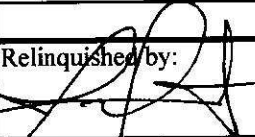
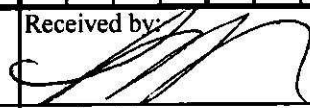
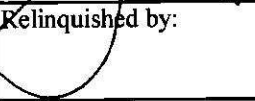
Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.05

				Preservative				Matrix				Analyze For:										Special Instructions
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH									
SS-18@14'	10/9/2018	12:06:00	1			x			x			x	x									
SS-19@14'	10/9/2018	12:01:49	1			x			x			x	x									
SS-20@14'	10/9/2018	12:01:30	1			x			x			x	x									
Relinquished by:  Date/Time: 10.19.18 15:10				Received by:  Date/Time: 10.19.18 15:13				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>														
Relinquished by:  Date/Time:				Received by: Date/Time:				Sample Integrity: Temperature Upon Receipt: 15.5 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
Relinquished by: Date/Time:				Received in Lab by: Date/Time:																		

Sample Receipt Checklist

S2 Work Order 1810258

Client: Talon/LPE-Whiting Client Project ID: Road 271

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

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

Temp (°C)	15.5
-----------	------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	/			
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
If custody seals are present, are they intact ⁽¹⁾ ?			/	
Are samples with holding times due within 48 hours sample due within 48 hours present?			/	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			/	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			/	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			/	
Additional Comments (if any):				

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

UP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

10.19.18 1408
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

SS-18@14'
1810258-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/19/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	0.0040	0.0020		mg/kg	1	1810292	10/22/18	10/23/18	EPA 8260B	
Toluene	0.14	0.0050		"	"	"	"	"	"	
Ethylbenzene	0.13	0.0050		"	"	"	"	"	"	
Xylenes (total)	0.40	0.010		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.2	0.50		"	"	"	"	"	"	

Date Sampled: **10/19/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		118 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		134 %		21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/19/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	840	50		mg/kg	1	1810293	10/22/18	10/24/18	EPA 8015M	

Date Sampled: **10/19/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		99.8 %		30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

SS-19@14'
1810258-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/19/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1810292	10/22/18	10/23/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.025	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.089	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.2	0.50	"	"	"	"	"	"	

Date Sampled: **10/19/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/19/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1200	50	mg/kg	1	1810293	10/22/18	10/24/18	EPA 8015M	

Date Sampled: **10/19/18 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

SS-20@14'
1810258-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/19/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1810292	10/22/18	10/23/18	EPA 8260B	
Toluene	0.0052	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.014	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.053	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **10/19/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/19/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1000	50	mg/kg	1	1810293	10/22/18	10/24/18	EPA 8015M	

Date Sampled: **10/19/18 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

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 1810292 - EPA 5030 Soil MS

Blank (1810292-BLK1)

Prepared: 10/22/18 Analyzed: 10/23/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0412		"	0.0396	104	23-173				
Surrogate: Toluene-d8	0.0391		"	0.0400	97.8	20-170				
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400	102	21-167				

LCS (1810292-BS1)

Prepared: 10/22/18 Analyzed: 10/23/18

Benzene	0.106	0.0020	mg/kg	0.100	106	70-130				
Toluene	0.109	0.0050	"	0.100	109	70-130				
Ethylbenzene	0.113	0.0050	"	0.100	113	70-130				
m,p-Xylene	0.224	0.010	"	0.200	112	70-130				
o-Xylene	0.110	0.0050	"	0.100	110	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0396	108	23-173				
Surrogate: Toluene-d8	0.0407		"	0.0400	102	20-170				
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400	99.8	21-167				

Matrix Spike (1810292-MS1)

Source: 1810258-01

Prepared: 10/22/18 Analyzed: 10/23/18

Benzene	0.0944	0.0020	mg/kg	0.100	0.00396	90.4	70-130			
Toluene	0.173	0.0050	"	0.100	0.144	29.1	70-130			QM-07
Ethylbenzene	0.171	0.0050	"	0.100	0.131	40.8	70-130			QM-07
m,p-Xylene	0.317	0.010	"	0.200	0.227	44.9	70-130			QM-07
o-Xylene	0.207	0.0050	"	0.100	0.168	38.9	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0432		"	0.0396	109	23-173				
Surrogate: Toluene-d8	0.0389		"	0.0400	97.3	20-170				
Surrogate: 4-Bromofluorobenzene	0.0482		"	0.0400	120	21-167				

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

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 1810292 - EPA 5030 Soil MS

Matrix Spike Dup (1810292-MSD1)		Source: 1810258-01			Prepared: 10/22/18 Analyzed: 10/23/18					
Benzene	0.0826	0.0020	mg/kg	0.100	0.00396	78.6	70-130	13.3	30	
Toluene	0.159	0.0050	"	0.100	0.144	15.0	70-130	8.50	30	QM-07
Ethylbenzene	0.146	0.0050	"	0.100	0.131	15.3	70-130	16.1	30	QM-07
m,p-Xylene	0.276	0.010	"	0.200	0.227	24.4	70-130	13.8	30	QM-07
o-Xylene	0.189	0.0050	"	0.100	0.168	20.7	70-130	9.21	30	QM-07
Surrogate: 1,2-Dichloroethane-d4		0.0454	"	0.0396		115	23-173			
Surrogate: Toluene-d8		0.0396	"	0.0400		98.9	20-170			
Surrogate: 4-Bromofluorobenzene		0.0473	"	0.0400		118	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1810293 - EPA 3550A

Blank (1810293-BLK1)

Prepared: 10/22/18 Analyzed: 10/24/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1810293-BS1)

Prepared: 10/22/18 Analyzed: 10/24/18

C10-C28 (DRO) 598 50 mg/kg 500 120 70-130

Matrix Spike (1810293-MS1)

Source: 1810258-01

Prepared: 10/22/18 Analyzed: 10/24/18

C10-C28 (DRO) 1200 50 mg/kg 500 843 72.2 70-130

Matrix Spike Dup (1810293-MSD1)

Source: 1810258-01

Prepared: 10/22/18 Analyzed: 10/24/18

C10-C28 (DRO) 1570 50 mg/kg 500 843 145 70-130 26.1 20 QM-07

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/26/18 15:03

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 19, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 11/12/18 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premer", on a light blue background.

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-21	1811132-01	Soil	11/12/18 12:50	11/12/18 15:00
SS-22	1811132-02	Soil	11/12/18 13:00	11/12/18 15:00
SS-23	1811132-03	Soil	11/12/18 13:05	11/12/18 15:00

Summit Scientific

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Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jleverton@talonlpe.com/ lkirk@talonlpe.com
Project Name:	Razor 27-I
Project Number:	701530.054.05

				Preservative				Matrix				Analyze For:									
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO/DRO							Special Instructions	
SS-21	11/12/2018	12:50	1			x		x				x	x								
SS-22	11/12/2018	13:00	1			x		x				x	x								
SS-23	11/12/2018	13:05	1			x		x				x	x								
Relinquished by: <i>[Signature]</i> Date/Time: 11/12/18 1500				Received by: <i>[Signature]</i> Date/Time: 11-12-18 1500				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/>				Sample Integrity: Temperature Upon Receipt: 75.1 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
Relinquished by: _____ Date/Time: _____				Received by: _____ Date/Time: _____																	
Relinquished by: _____ Date/Time: _____				Received in Lab by: _____ Date/Time: _____																	

Sample Receipt Checklist

S2 Work Order 1811132

Client: Talen/LPE - Whiting Client Project ID: Razor 27-I

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

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

Temp (°C)	<u>15.1</u>
-----------	-------------

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time 11.12.18 1815



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

SS-21
1811132-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/18 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.0095	0.0020	mg/kg	1	1811180	11/14/18	11/15/18	EPA 8260B	
Toluene	0.017	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.040	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.15	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	12	0.50	"	"	"	"	"	"	

Date Sampled: **11/12/18 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.4 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/12/18 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2500	50	mg/kg	1	1811182	11/14/18	11/15/18	EPA 8015M	

Date Sampled: **11/12/18 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		162 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

SS-22
1811132-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1811180	11/14/18	11/15/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.032	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.0	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	100	0.50	"	"	"	"	"	"	

Date Sampled: **11/12/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		262 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/12/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	22000	50	mg/kg	1	1811182	11/14/18	11/15/18	EPA 8015M	

Date Sampled: **11/12/18 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		1680 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

SS-23
1811132-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/12/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1811180	11/14/18	11/15/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.072	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.1	0.50	"	"	"	"	"	"	

Date Sampled: **11/12/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/12/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	17000	50	mg/kg	1	1811182	11/14/18	11/15/18	EPA 8015M	

Date Sampled: **11/12/18 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

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 1811180 - EPA 5030 Soil MS

Blank (1811180-BLK1)

Prepared: 11/14/18 Analyzed: 11/15/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0326		"	0.0396		82.2	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	21-167			

LCS (1811180-BS1)

Prepared: 11/14/18 Analyzed: 11/15/18

Benzene	0.0989	0.0020	mg/kg	0.100		98.9	70-130			
Toluene	0.102	0.0050	"	0.100		102	70-130			
Ethylbenzene	0.103	0.0050	"	0.100		103	70-130			
m,p-Xylene	0.207	0.010	"	0.200		104	70-130			
o-Xylene	0.102	0.0050	"	0.100		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0328		"	0.0396		82.8	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.2	21-167			

Matrix Spike (1811180-MS1)

Source: 1811128-01

Prepared: 11/14/18 Analyzed: 11/15/18

Benzene	0.101	0.0020	mg/kg	0.100	ND	101	70-130			
Toluene	0.103	0.0050	"	0.100	ND	103	70-130			
Ethylbenzene	0.104	0.0050	"	0.100	ND	104	70-130			
m,p-Xylene	0.210	0.010	"	0.200	ND	105	70-130			
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0330		"	0.0396		83.3	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

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 1811180 - EPA 5030 Soil MS

Matrix Spike Dup (1811180-MSD1)	Source: 1811128-01			Prepared: 11/14/18 Analyzed: 11/15/18						
Benzene	0.0878	0.0020	mg/kg	0.100	ND	87.8	70-130	13.9	30	
Toluene	0.0905	0.0050	"	0.100	ND	90.5	70-130	13.0	30	
Ethylbenzene	0.0922	0.0050	"	0.100	ND	92.2	70-130	12.5	30	
m,p-Xylene	0.184	0.010	"	0.200	ND	92.0	70-130	13.4	30	
o-Xylene	0.0911	0.0050	"	0.100	ND	91.1	70-130	12.2	30	
Surrogate: 1,2-Dichloroethane-d4	0.0322		"	0.0396		81.4	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		99.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		97.9	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1811182 - EPA 3550A

Blank (1811182-BLK1)

Prepared & Analyzed: 11/14/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1811182-BS1)

Prepared & Analyzed: 11/14/18

C10-C28 (DRO) 476 50 mg/kg 500 95.2 70-130

Matrix Spike (1811182-MS1)

Source: 1811128-01

Prepared & Analyzed: 11/14/18

C10-C28 (DRO) 457 50 mg/kg 500 32.0 85.0 70-130

Matrix Spike Dup (1811182-MSD1)

Source: 1811128-01

Prepared & Analyzed: 11/14/18

C10-C28 (DRO) 444 50 mg/kg 500 32.0 82.3 70-130 2.97 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
11/19/18 09:57

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 05, 2018

Jennifer Galles

Talon/LPE

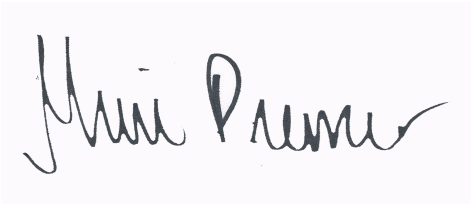
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 11/29/18 14:17. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-24@14'	1811362-01	Soil	11/29/18 10:46	11/29/18 14:17
SS-25@14'	1811362-02	Soil	11/29/18 10:43	11/29/18 14:17
SS-26@14'	1811362-03	Soil	11/29/18 10:40	11/29/18 14:17

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1811362

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of

Client:	Talon/LPE - Bill to Whiting
Address:	1811 East Mulberry
City/State/Zip:	Fort Collins, CO 80524
Phone:	970-818-5330
Fax:	
Sampler Name:	Levi Kirk/Morgan Matthew

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 271
Project Number:	701530.054.05

[illegible]

Sample Receipt Checklist

S2 Work Order 1811362

Client: Talon/LPE-Whiting Client Project ID: Razos 271

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

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

Temp (°C)	<u>19.7</u>
-----------	-------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<u>/</u>			
Were all samples received intact ⁽¹⁾ ?	<u>/</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>/</u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u>/</u>	
Are samples with holding times due within 48 hours sample due within 48 hours present?			<u>/</u>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u>/</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>/</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>/</u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u>/</u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<u>/</u>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<u>/</u>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<u>/</u>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<u>/</u>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

UP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

11-29-18 1638
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

SS-24@14'
1811362-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/29/18 10:46**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1811396	11/30/18	11/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.016	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.60	0.50	"	"	"	"	"	"	

Date Sampled: **11/29/18 10:46**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		87.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/29/18 10:46**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1811397	11/30/18	12/02/18	EPA 8015M	

Date Sampled: **11/29/18 10:46**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

SS-25@14'
1811362-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/29/18 10:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1811396	11/30/18	11/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.033	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.0	0.50	"	"	"	"	"	"	

Date Sampled: **11/29/18 10:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/29/18 10:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1811397	11/30/18	12/02/18	EPA 8015M	

Date Sampled: **11/29/18 10:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

SS-26@14'
1811362-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/29/18 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1811396	11/30/18	11/30/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.021	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.7	0.50	"	"	"	"	"	"	

Date Sampled: **11/29/18 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/29/18 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1811397	11/30/18	12/02/18	EPA 8015M	

Date Sampled: **11/29/18 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

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 1811396 - EPA 5030 Soil MS

Blank (1811396-BLK1)

Prepared & Analyzed: 11/30/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0356		"	0.0396		89.8	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

LCS (1811396-BS1)

Prepared & Analyzed: 11/30/18

Benzene	0.104	0.0020	mg/kg	0.100		104	70-130			
Toluene	0.110	0.0050	"	0.100		110	70-130			
Ethylbenzene	0.111	0.0050	"	0.100		111	70-130			
m,p-Xylene	0.230	0.010	"	0.200		115	70-130			
o-Xylene	0.110	0.0050	"	0.100		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0342		"	0.0396		86.4	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	21-167			

Matrix Spike (1811396-MS1)

Source: 1811353-01

Prepared & Analyzed: 11/30/18

Benzene	0.104	0.0020	mg/kg	0.100	ND	104	70-130			
Toluene	0.108	0.0050	"	0.100	ND	108	70-130			
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130			
m,p-Xylene	0.228	0.010	"	0.200	ND	114	70-130			
o-Xylene	0.110	0.0050	"	0.100	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0396		92.1	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

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 1811396 - EPA 5030 Soil MS

Matrix Spike Dup (1811396-MSD1)		Source: 1811353-01			Prepared & Analyzed: 11/30/18					
Benzene	0.0945	0.0020	mg/kg	0.100	ND	94.5	70-130	9.55	30	
Toluene	0.0986	0.0050	"	0.100	ND	98.6	70-130	9.40	30	
Ethylbenzene	0.100	0.0050	"	0.100	ND	100	70-130	11.1	30	
m,p-Xylene	0.205	0.010	"	0.200	ND	103	70-130	10.5	30	
o-Xylene	0.0990	0.0050	"	0.100	ND	99.0	70-130	10.9	30	
Surrogate: 1,2-Dichloroethane-d4	0.0350		"	0.0396		88.5	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1811397 - EPA 3550A

Blank (1811397-BLK1)

Prepared: 11/30/18 Analyzed: 12/02/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1811397-BS1)

Prepared: 11/30/18 Analyzed: 12/02/18

C10-C28 (DRO) 533 50 mg/kg 500 107 70-130

Matrix Spike (1811397-MS1)

Source: 1811271-01

Prepared: 11/30/18 Analyzed: 12/02/18

C10-C28 (DRO) 1740 50 mg/kg 500 1740 0.325 70-130 QM-07

Matrix Spike Dup (1811397-MSD1)

Source: 1811271-01

Prepared: 11/30/18 Analyzed: 12/02/18

C10-C28 (DRO) 3340 50 mg/kg 500 1740 320 70-130 63.0 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/05/18 17:24

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 16, 2018

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 12/12/18 14:42. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-27@0'	1812154-01	Soil	12/12/18 10:15	12/12/18 14:42
SS-28@12'	1812154-02	Soil	12/12/18 12:30	12/12/18 14:42

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1812154

Summit Scientific

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310

Page 2 of 7

Client: Talon/LPE - Bill to whitening Project Manager: Jennifer Gallee
 Address: 1811 East Mulberry St. E-Mail: lgallee@talonlpe.com l.kirk@talonlpe.com
 City/State/Zip: 80524 Ft. Collins, CO 80524
 Phone: 970-818-5330 Project Name: 70530.054.05 Razor 27E - North
 Sampler Name: Levi Kirk Project Number: 70530.054.05 Excavation

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEX	TPH							
1	SS-27@ 0'	12-12-18	10:15	1			X			X				X	X						
2	SS-28@ 12'	12-12-18	12:30	1			X			X				X	X						
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: <u>Levi Kirk</u>	Date/Time: <u>12-12-18</u> <u>14:42</u>	Received by: <u>[Signature]</u>	Date/Time: <u>12-12-18</u> <u>1442</u>	Turn Around Time (Check) Same Day <u> </u> 72 hours 24 hours <u> </u> Standard <u>X</u> 48 hours <u> </u>	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: <u>21.0</u> Samples Intact: <u>Yes</u> No	
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Sample Receipt Checklist

S2 Work Order: 1812154

Client: Talon/PPC - Whiting Client Project ID: Razor 27I - North

Shipped Via: H.D. Airbill #: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Temp (°C)	21.0
-----------	------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name or Initials

Signature or Initials of Custodian

Date/Time

12.12.18 1632



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

SS-27@0'
1812154-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/12/18 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1812188	12/13/18	12/15/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/12/18 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/12/18 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1812189	12/13/18	12/14/18	EPA 8015M	

Date Sampled: **12/12/18 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		84.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

SS-28@12'
1812154-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/12/18 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1812188	12/13/18	12/15/18	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/12/18 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/12/18 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1812189	12/13/18	12/14/18	EPA 8015M	

Date Sampled: **12/12/18 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

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 1812188 - EPA 5030 Soil MS

Blank (1812188-BLK1)

Prepared: 12/13/18 Analyzed: 12/15/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0408		"	0.0396	103	23-173				
Surrogate: Toluene-d8	0.0385		"	0.0400	96.2	20-170				
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400	98.2	21-167				

LCS (1812188-BS1)

Prepared: 12/13/18 Analyzed: 12/15/18

Benzene	0.154	0.0020	mg/kg	0.100	154	70-130				QM-07
Toluene	0.123	0.0050	"	0.100	123	70-130				
Ethylbenzene	0.103	0.0050	"	0.100	103	70-130				
m,p-Xylene	0.158	0.010	"	0.200	79.0	70-130				
o-Xylene	0.125	0.0050	"	0.100	125	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0396	107	23-173				
Surrogate: Toluene-d8	0.0391		"	0.0400	97.6	20-170				
Surrogate: 4-Bromofluorobenzene	0.0435		"	0.0400	109	21-167				

Matrix Spike (1812188-MS1)

Source: 1812063-08

Prepared: 12/13/18 Analyzed: 12/15/18

Benzene	0.201	0.0020	mg/kg	0.100	0.00579	195	70-130			
Toluene	0.199	0.0050	"	0.100	ND	199	70-130			
Ethylbenzene	0.183	0.0050	"	0.100	0.00879	174	70-130			
m,p-Xylene	0.349	0.010	"	0.200	0.0186	165	70-130			
o-Xylene	0.190	0.0050	"	0.100	0.0201	169	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0396	101	23-173				
Surrogate: Toluene-d8	0.0401		"	0.0400	100	20-170				
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400	98.2	21-167				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

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 1812188 - EPA 5030 Soil MS

Matrix Spike Dup (1812188-MSD1)		Source: 1812063-08			Prepared: 12/13/18 Analyzed: 12/15/18					
Benzene	0.157	0.0020	mg/kg	0.100	0.00579	151	70-130	24.5	30	
Toluene	0.126	0.0050	"	0.100	ND	126	70-130	45.2	30	
Ethylbenzene	0.113	0.0050	"	0.100	0.00879	104	70-130	47.5	30	
m,p-Xylene	0.152	0.010	"	0.200	0.0186	66.6	70-130	78.6	30	
o-Xylene	0.129	0.0050	"	0.100	0.0201	109	70-130	38.3	30	
Surrogate: 1,2-Dichloroethane-d4	0.0430		"	0.0396		108	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0427		"	0.0400		107	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1812189 - EPA 3550A

Blank (1812189-BLK1)

Prepared: 12/13/18 Analyzed: 12/14/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1812189-BS1)

Prepared: 12/13/18 Analyzed: 12/14/18

C10-C28 (DRO) 618 50 mg/kg 500 124 70-130

Matrix Spike (1812189-MS1)

Source: 1812063-08

Prepared: 12/13/18 Analyzed: 12/14/18

C10-C28 (DRO) 652 50 mg/kg 500 52.3 120 70-130

Matrix Spike Dup (1812189-MSD1)

Source: 1812063-08

Prepared: 12/13/18 Analyzed: 12/14/18

C10-C28 (DRO) 653 50 mg/kg 500 52.3 120 70-130 0.219 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
12/16/18 11:06

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 02, 2019

Jennifer Galles

Talon/LPE

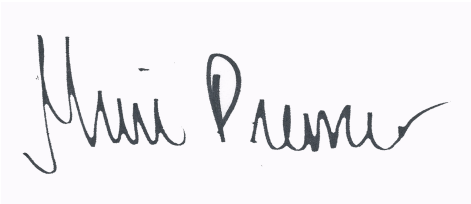
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 12/28/18 14:26. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-29@14'	1812345-01	Soil	12/28/18 11:55	12/28/18 14:26
SS-30@14'	1812345-02	Soil	12/28/18 12:00	12/28/18 14:26

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com / Jleverton@TalonLPE.com
Project Name:	Razor 27I North Excavation
Project Number:	701530.054.05

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order 1812345

Client: Talon/LPE Client Project ID: Razor 27I North Excavation

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

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

Temp (°C)	17.6
-----------	------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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, H2SO4, NaOH, HNO3, ect	<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):

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

UP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

12-28-18 1456
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

SS-29@14'
1812345-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/28/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1812383	12/31/18	01/01/19	EPA 8260B	
Toluene	0.030	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.30	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	17	0.50	"	"	"	"	"	"	

Date Sampled: **12/28/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		127 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/28/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	3400	50	mg/kg	1	1812384	"	01/01/19	EPA 8015M	

Date Sampled: **12/28/18 11:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

SS-30@14'
1812345-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/28/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1812383	12/31/18	01/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.055	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	8.1	0.50	"	"	"	"	"	"	

Date Sampled: **12/28/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/28/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	650	50	mg/kg	1	1812384	"	01/01/19	EPA 8015M	

Date Sampled: **12/28/18 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

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 1812383 - EPA 5030 Soil MS

Blank (1812383-BLK1)

Prepared & Analyzed: 12/31/18

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0436		"	0.0396	110	23-173				
Surrogate: Toluene-d8	0.0384		"	0.0400	95.9	20-170				
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400	93.8	21-167				

LCS (1812383-BS1)

Prepared: 12/31/18 Analyzed: 01/01/19

Benzene	0.0914	0.0020	mg/kg	0.100	91.4	70-130				
Toluene	0.0947	0.0050	"	0.100	94.7	70-130				
Ethylbenzene	0.107	0.0050	"	0.100	107	70-130				
m,p-Xylene	0.210	0.010	"	0.200	105	70-130				
o-Xylene	0.103	0.0050	"	0.100	103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0396		"	0.0396	100	23-173				
Surrogate: Toluene-d8	0.0373		"	0.0400	93.3	20-170				
Surrogate: 4-Bromofluorobenzene	0.0450		"	0.0400	112	21-167				

Matrix Spike (1812383-MS1)

Source: 1812351-01

Prepared & Analyzed: 12/31/18

Benzene	0.0971	0.0020	mg/kg	0.100	97.1	70-130				
Toluene	0.0920	0.0050	"	0.100	92.0	70-130				
Ethylbenzene	0.0933	0.0050	"	0.100	93.3	70-130				
m,p-Xylene	0.195	0.010	"	0.200	97.4	70-130				
o-Xylene	0.0957	0.0050	"	0.100	95.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0396	108	23-173				
Surrogate: Toluene-d8	0.0385		"	0.0400	96.2	20-170				
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.0400	103	21-167				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

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 1812383 - EPA 5030 Soil MS

Matrix Spike Dup (1812383-MSD1)		Source: 1812351-01			Prepared & Analyzed: 12/31/18					
Benzene	0.101	0.0020	mg/kg	0.100	101	70-130	4.05	30		
Toluene	0.105	0.0050	"	0.100	105	70-130	13.3	30		
Ethylbenzene	0.117	0.0050	"	0.100	117	70-130	22.3	30		
m,p-Xylene	0.233	0.010	"	0.200	117	70-130	17.9	30		
o-Xylene	0.112	0.0050	"	0.100	112	70-130	15.6	30		
Surrogate: 1,2-Dichloroethane-d4	0.0446		"	0.0396	112	23-173				
Surrogate: Toluene-d8	0.0405		"	0.0400	101	20-170				
Surrogate: 4-Bromofluorobenzene	0.0430		"	0.0400	107	21-167				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1812384 - EPA 3550A

Blank (1812384-BLK1)

Prepared & Analyzed: 12/31/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1812384-BS1)

Prepared & Analyzed: 12/31/18

C10-C28 (DRO) 568 50 mg/kg 500 114 70-130

Matrix Spike (1812384-MS1)

Source: 1812345-01

Prepared & Analyzed: 12/31/18

C10-C28 (DRO) 3350 50 mg/kg 500 3380 NR 70-130 QM-4X

Matrix Spike Dup (1812384-MSD1)

Source: 1812345-01

Prepared & Analyzed: 12/31/18

C10-C28 (DRO) 3910 50 mg/kg 500 3380 106 70-130 15.6 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
01/02/19 11:56

Notes and Definitions

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 21, 2019

Jennifer Galles

Talon/LPE

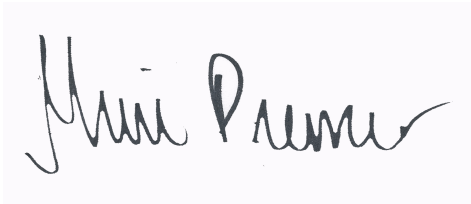
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 01/16/19 14:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-31@14'	1901221-01	Soil	01/16/19 11:25	01/16/19 14:25
SS-32@14'	1901221-02	Soil	01/16/19 11:30	01/16/19 14:25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1901221

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client:	Talon/LPE - Bill to Whiting	
Address:	1811 East Mulberry	
City/State/Zip:	Fort Collins, CO 80524	
Phone:	970-818-5330	Fax:
Sampler Name:	Levi Kirk and Morgan Matthew	

Project Manager:	Jennifer Galles
E-Mail:	jleverton@talonlpe.com & lkirk@talonlpe.com
Project Name:	Razor 27-I North Excavation
Project Number:	701530.054.05

				Preservative				Matrix				Analyze For:							
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GRO/DRO	BTEX						Special Instructions
SS-31 @ 14'	1/16/2019	11:25	1			x		x				x	x						
SS-32 @ 14'	1/16/2019	11:30	1			x		x				x	x						

Relinquished by: MORRIS MATTHEW
Date/Time: 1/16/19 14:25P

Relinquished by:
Date/Time:

Relinquished by:
Date/Time:

Received by: [Signature]
Date/Time: 1.16.19 1425

Received by:
Date/Time:

Received in Lab by:
Date/Time:

Turn Around Time (Check)

Same Day ☐ 72 Hours ☐
 24 Hours ☐ Standard ☒
 48 Hours ☐

Sample Integrity:

Temperature Upon Receipt: 4.3
 Intact: Yes ☒ No ☐

Sample Receipt Checklist

S2 Work Order 1901221

Client: Tolan/USE - Whiting Client Project ID: Razors 27-I North Excavation

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

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

Temp (°C)	4.3
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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, H2SO4, NaOH, HNO3, ect	<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):

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time

1-16-19 1848



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

SS-31@14'
1901221-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/16/19 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1901209	01/17/19	01/18/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/16/19 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/16/19 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1901210	01/17/19	01/18/19	EPA 8015M	

Date Sampled: **01/16/19 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		80.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

SS-32@14'
1901221-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/16/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1901209	01/17/19	01/18/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **01/16/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/16/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1901210	01/17/19	01/18/19	EPA 8015M	

Date Sampled: **01/16/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		69.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

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 1901209 - EPA 5030 Soil MS

Blank (1901209-BLK1)

Prepared & Analyzed: 01/17/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		104	21-167			

LCS (1901209-BS1)

Prepared & Analyzed: 01/17/19

Benzene	0.103	0.0020	mg/kg	0.100		103	70-130			
Toluene	0.100	0.0050	"	0.100		100	70-130			
Ethylbenzene	0.0936	0.0050	"	0.100		93.6	70-130			
m,p-Xylene	0.180	0.010	"	0.200		90.2	70-130			
o-Xylene	0.0895	0.0050	"	0.100		89.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0453		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0425		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.7	21-167			

Matrix Spike (1901209-MS1)

Source: 1901197-01

Prepared & Analyzed: 01/17/19

Benzene	0.0890	0.0020	mg/kg	0.100	ND	89.0	70-130			
Toluene	0.0844	0.0050	"	0.100	ND	84.4	70-130			
Ethylbenzene	0.0810	0.0050	"	0.100	ND	81.0	70-130			
m,p-Xylene	0.156	0.010	"	0.200	ND	78.1	70-130			
o-Xylene	0.0799	0.0050	"	0.100	ND	79.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0453		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0408		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0425		"	0.0400		106	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

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 1901209 - EPA 5030 Soil MS

Matrix Spike Dup (1901209-MSD1)	Source: 1901197-01			Prepared: 01/17/19 Analyzed: 01/18/19						
Benzene	0.0873	0.0020	mg/kg	0.100	ND	87.3	70-130	1.91	30	
Toluene	0.0846	0.0050	"	0.100	ND	84.6	70-130	0.213	30	
Ethylbenzene	0.0820	0.0050	"	0.100	ND	82.0	70-130	1.25	30	
m,p-Xylene	0.156	0.010	"	0.200	ND	78.0	70-130	0.173	30	
o-Xylene	0.0802	0.0050	"	0.100	ND	80.2	70-130	0.375	30	
Surrogate: 1,2-Dichloroethane-d4	0.0446		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		104	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1901210 - EPA 3550A

Blank (1901210-BLK1)

Prepared & Analyzed: 01/17/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1901210-BS1)

Prepared & Analyzed: 01/17/19

C10-C28 (DRO) 568 50 mg/kg 500 114 70-130

Matrix Spike (1901210-MS1)

Source: 1901215-01

Prepared & Analyzed: 01/17/19

C10-C28 (DRO) 489 50 mg/kg 500 20.0 93.9 70-130

Matrix Spike Dup (1901210-MSD1)

Source: 1901215-01

Prepared & Analyzed: 01/17/19

C10-C28 (DRO) 525 50 mg/kg 500 20.0 101 70-130 6.97 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
01/21/19 10:11

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 09, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909071

Enclosed are the results of analyses for samples received by Summit Scientific on 09/06/19 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island West 2@18'	1909071-01	Soil	09/06/19 11:50	09/06/19 15:50
Island East 2@18'	1909071-02	Soil	09/06/19 11:55	09/06/19 15:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

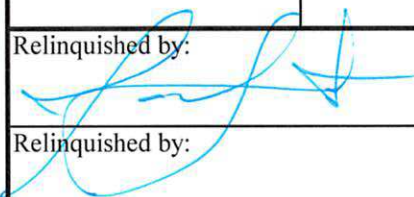

1909071

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE- Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: J Leverton

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271 North Excavation
Project Number: 701530.054.05

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH												
Island West 2 @ 18'	9/6/2019	11:50:00	1			x			x				x	x											
Island East 2 @ 18'	9/6/2019	11:55:00	1			x			x				x	x											
Relinquished by: 	Date/Time: 9.6.19 15:50	Received by: 	Date/Time: 9-6-19 15:50	Turn Around Time (Check)																					
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day		72 Hours		24 Hours		Standard		48 Hours	<input checked="" type="checkbox"/>												
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																					
Relinquished by:	Date/Time:	Temperature Upon Receipt: .7																							
				Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																					

Sample Receipt Checklist

S2 Work Order 1909071

Client: Talon/LPE Client Project ID: Razor 27I North Excavation

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

☐ ☒ ☐ ☐ ☐

Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☒ Water ☐ Oth _____
(Describe)

Temp (°C)	0.7
-----------	-----

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.				
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48 TAT
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, H2SO4, NaOH, HNO3, ect	<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):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

MP

Custodian Printed Name or Initials

Muri Premer

Signature of Custodian

9/6/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Island West 2@18'
1909071-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909087	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.025	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.8	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5600	50	mg/kg	1	1909088	"	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		65.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Island East 2@18'
1909071-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909087	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5200	50	mg/kg	1	1909088	"	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		80.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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 1909087 - EPA 5030 Soil MS

Blank (1909087-BLK1)

Prepared & Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0318		"	0.0400		79.6	23-173			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400		100	21-167			

LCS (1909087-BS1)

Prepared & Analyzed: 09/06/19

Benzene	0.110	0.0020	mg/kg	0.100		110	70-130			
Toluene	0.117	0.0050	"	0.100		117	70-130			
Ethylbenzene	0.115	0.0050	"	0.100		115	70-130			
m,p-Xylene	0.212	0.010	"	0.200		106	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1909087-MS1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

Benzene	0.0975	0.0020	mg/kg	0.100	ND	97.5	70-130			
Toluene	0.100	0.0050	"	0.100	ND	100	70-130			
Ethylbenzene	0.103	0.0050	"	0.100	ND	103	70-130			
m,p-Xylene	0.191	0.010	"	0.200	ND	95.3	70-130			
o-Xylene	0.0980	0.0050	"	0.100	ND	98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0443		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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 1909087 - EPA 5030 Soil MS

Matrix Spike Dup (1909087-MSD1)		Source: 1909069-01			Prepared & Analyzed: 09/06/19					
Benzene	0.102	0.0020	mg/kg	0.100	ND	102	70-130	4.95	30	
Toluene	0.109	0.0050	"	0.100	ND	109	70-130	8.38	30	
Ethylbenzene	0.108	0.0050	"	0.100	ND	108	70-130	4.90	30	
m,p-Xylene	0.201	0.010	"	0.200	ND	101	70-130	5.39	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	4.69	30	
Surrogate: 1,2-Dichloroethane-d4	0.0449		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909088 - EPA 3550A

Blank (1909088-BLK1)

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909088-BS1)

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 472 50 mg/kg 500 94.4 70-130

Matrix Spike (1909088-MS1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 484 50 mg/kg 500 27.8 91.3 70-130

Matrix Spike Dup (1909088-MSD1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 492 50 mg/kg 500 27.8 92.8 70-130 1.57 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 13, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

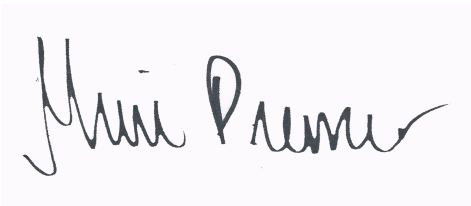
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1909121

Enclosed are the results of analyses for samples received by Summit Scientific on 09/11/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-IME	1909121-01	Soil	09/11/19 11:50	09/11/19 15:45
A-IMW	1909121-02	Soil	09/11/19 11:45	09/11/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

1909121

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE -Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben B.

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name: Razor 27-I
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:												Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH															
A-IME	9/11/2019	11:50	1			x			x				x	x														
A-IMW	9/11/2019	11:45	1			x			x				x	x														
Relinquished by: Ben Broadfield 9/11/19 1545				Date/Time: 9/11/19 1545				Received by: [Signature]				Date/Time: 09/11/19 1545				Turn Around Time (Check)												
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/>												
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 3.7 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												

Sample Receipt Checklist

1909121

S2 Work Order _____

Client: TALON/LPE Client Project ID: RAZOR 27-IShipped Via: ☐ H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____
☐ ☒ ☐ ☐ ☐
Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)

Temp (°C)	3.7
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48 Hour TAT
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 , ect	<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):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Custodian Printed Name or Initials TCSignature of Custodian [Signature]Date/Time 09/11/19 1628



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

A-IME
1909121-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909151	09/12/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	170	50	mg/kg	1	1909150	09/12/19	09/13/19	EPA 8015M	

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		141 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

A-IMW
1909121-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909151	09/12/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	320	50	mg/kg	1	1909150	09/12/19	09/13/19	EPA 8015M	

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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 1909151 - EPA 5030 Soil MS

Blank (1909151-BLK1)

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0478		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0424		"	0.0400		106	21-167			

LCS (1909151-BS1)

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	0.0752	0.0020	mg/kg	0.100		75.2	70-130			
Toluene	0.0730	0.0050	"	0.100		73.0	70-130			
Ethylbenzene	0.0804	0.0050	"	0.100		80.4	70-130			
m,p-Xylene	0.146	0.010	"	0.200		72.8	70-130			
o-Xylene	0.0745	0.0050	"	0.100		74.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.6	23-173			
Surrogate: Toluene-d8	0.0366		"	0.0400		91.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.7	21-167			

Matrix Spike (1909151-MS1)

Source: 1909097-02

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	0.0769	0.0020	mg/kg	0.100	ND	76.9	70-130			
Toluene	0.0744	0.0050	"	0.100	ND	74.4	70-130			
Ethylbenzene	0.0861	0.0050	"	0.100	ND	86.1	70-130			
m,p-Xylene	0.156	0.010	"	0.200	ND	78.1	70-130			
o-Xylene	0.0793	0.0050	"	0.100	ND	79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0413		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		93.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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 1909151 - EPA 5030 Soil MS

Matrix Spike Dup (1909151-MSD1)		Source: 1909097-02			Prepared: 09/12/19 Analyzed: 09/13/19					
Benzene	0.0768	0.0020	mg/kg	0.100	ND	76.8	70-130	0.195	30	
Toluene	0.0764	0.0050	"	0.100	ND	76.4	70-130	2.63	30	
Ethylbenzene	0.0876	0.0050	"	0.100	ND	87.6	70-130	1.76	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.1	70-130	1.34	30	
o-Xylene	0.0803	0.0050	"	0.100	ND	80.3	70-130	1.24	30	
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.6	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909150 - EPA 3550A

Blank (1909150-BLK1)

Prepared & Analyzed: 09/12/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909150-BS1)

Prepared & Analyzed: 09/12/19

C10-C28 (DRO) 561 50 mg/kg 500 112 70-130

Matrix Spike (1909150-MS1)

Source: 1909097-01

Prepared: 09/12/19 Analyzed: 09/13/19

C10-C28 (DRO) 559 50 mg/kg 500 56.5 100 70-130

Matrix Spike Dup (1909150-MSD1)

Source: 1909097-01

Prepared: 09/12/19 Analyzed: 09/13/19

C10-C28 (DRO) 534 50 mg/kg 500 56.5 95.5 70-130 4.54 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 16, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909172

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/19 17:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light purple background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island West 3 @18"	1909172-01	Soil	09/13/19 11:20	09/13/19 17:12
Island East 3 @18"	1909172-02	Soil	09/13/19 11:25	09/13/19 17:12

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

1909172

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE- Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jlevertton@talonlpe.com
Project Name: Razor 271 North Excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO												
Island West 3 @ 18'	9/13/2019	11:20	1			x			x				x	x	x											
Island East 3 @ 18'	9/13/2019	11:25	1			x			x				x	x	x											
Relinquished by: Ben Bradfield				Date/Time: 9/13/19 1405				Received by: [Signature]				Date/Time: 9/13/19 1300				Turn Around Time (Check)										
																Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/>										
																24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/>										
Relinquished by:				Date/Time:				Received by:				Date/Time:				48 Hours <input type="checkbox"/>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 3.8										
																Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										

Sample Receipt Checklist

S2 Work Order 1909172

Client: TALON/LPE

Client Project ID: RAZOR 27I NORTH EX.

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

☐ ☒ ☐ ☐ ☐

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

Temp (°C)	3.8
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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, H2SO4, NaOH, HNO3, ect	<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):

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

RZ

Custodian Printed Name or Initials

RZ

Signature of Custodian

9/13/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island West 3 @18"
1909172-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		97.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island East 3 @18"
1909172-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1200	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Blank (1909180-BLK1)

Prepared & Analyzed: 09/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0442		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		92.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

LCS (1909180-BS1)

Prepared & Analyzed: 09/13/19

Benzene	0.0825	0.0020	mg/kg	0.100		82.5	70-130			
Toluene	0.0800	0.0050	"	0.100		80.0	70-130			
Ethylbenzene	0.0860	0.0050	"	0.100		86.0	70-130			
m,p-Xylene	0.157	0.010	"	0.200		78.3	70-130			
o-Xylene	0.0793	0.0050	"	0.100		79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Matrix Spike (1909180-MS1)

Source: 1909143-01

Prepared: 09/13/19 Analyzed: 09/14/19

Benzene	0.0761	0.0020	mg/kg	0.100	ND	76.1	70-130			
Toluene	0.0754	0.0050	"	0.100	ND	75.4	70-130			
Ethylbenzene	0.0855	0.0050	"	0.100	ND	85.5	70-130			
m,p-Xylene	0.157	0.010	"	0.200	ND	78.7	70-130			
o-Xylene	0.0817	0.0050	"	0.100	ND	81.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0393		"	0.0400		98.2	23-173			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Matrix Spike Dup (1909180-MSD1)

Source: 1909143-01

Prepared: 09/13/19 Analyzed: 09/14/19

Benzene	0.0802	0.0020	mg/kg	0.100	ND	80.2	70-130	5.30	30	
Toluene	0.0788	0.0050	"	0.100	ND	78.8	70-130	4.51	30	
Ethylbenzene	0.0859	0.0050	"	0.100	ND	85.9	70-130	0.525	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.0	70-130	0.437	30	
o-Xylene	0.0833	0.0050	"	0.100	ND	83.3	70-130	1.96	30	
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909181 - EPA 3550A

Blank (1909181-BLK1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909181-BS1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 497 50 mg/kg 500 99.4 70-130

Matrix Spike (1909181-MS1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 508 50 mg/kg 500 27.2 96.2 70-130

Matrix Spike Dup (1909181-MSD1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 529 50 mg/kg 500 27.2 100 70-130 3.95 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 16, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

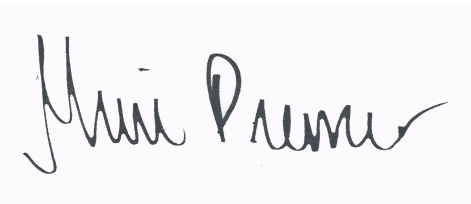
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909172

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/19 17:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island West 3 @18"	1909172-01	Soil	09/13/19 11:20	09/13/19 17:12
Island East 3 @18"	1909172-02	Soil	09/13/19 11:25	09/13/19 17:12

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

1909172

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE- Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jlevertton@talonlpe.com
Project Name: Razor 271 North Excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:								Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO									
Island West 3 @ 18'	9/13/2019	11:20	1			x			x				x	x	x								
Island East 3 @ 18'	9/13/2019	11:25	1			x			x				x	x	x								
Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)																			
Ben Bradfield	9/13/19 1405	[Signature]	9/13/19 1405	Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/>																			
Relinquished by:	Date/Time:	Received by:	Date/Time:	24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/>																			
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	48 Hours <input type="checkbox"/>																			
Sample Integrity:				Temperature Upon Receipt: 3.8																			
Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			

Sample Receipt Checklist

S2 Work Order 1909172

Client: TALON/LPE

Client Project ID: RAZOR 27I NORTH EX.

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

☐ ☒ ☐ ☐ ☐

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

Temp (°C)	3.8
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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, H2SO4, NaOH, HNO3, ect	<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):

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

RZ

Custodian Printed Name or Initials

RZ

Signature of Custodian

9/13/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island West 3 @18"
1909172-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		97.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island East 3 @18"
1909172-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1200	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Blank (1909180-BLK1)

Prepared & Analyzed: 09/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0442		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		92.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

LCS (1909180-BS1)

Prepared & Analyzed: 09/13/19

Benzene	0.0825	0.0020	mg/kg	0.100		82.5	70-130			
Toluene	0.0800	0.0050	"	0.100		80.0	70-130			
Ethylbenzene	0.0860	0.0050	"	0.100		86.0	70-130			
m,p-Xylene	0.157	0.010	"	0.200		78.3	70-130			
o-Xylene	0.0793	0.0050	"	0.100		79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Matrix Spike (1909180-MS1)

Source: 1909143-01

Prepared: 09/13/19 Analyzed: 09/14/19

Benzene	0.0761	0.0020	mg/kg	0.100	ND	76.1	70-130			
Toluene	0.0754	0.0050	"	0.100	ND	75.4	70-130			
Ethylbenzene	0.0855	0.0050	"	0.100	ND	85.5	70-130			
m,p-Xylene	0.157	0.010	"	0.200	ND	78.7	70-130			
o-Xylene	0.0817	0.0050	"	0.100	ND	81.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0393		"	0.0400		98.2	23-173			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Matrix Spike Dup (1909180-MSD1)		Source: 1909143-01			Prepared: 09/13/19 Analyzed: 09/14/19					
Benzene	0.0802	0.0020	mg/kg	0.100	ND	80.2	70-130	5.30	30	
Toluene	0.0788	0.0050	"	0.100	ND	78.8	70-130	4.51	30	
Ethylbenzene	0.0859	0.0050	"	0.100	ND	85.9	70-130	0.525	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.0	70-130	0.437	30	
o-Xylene	0.0833	0.0050	"	0.100	ND	83.3	70-130	1.96	30	
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909181 - EPA 3550A

Blank (1909181-BLK1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909181-BS1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 497 50 mg/kg 500 99.4 70-130

Matrix Spike (1909181-MS1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 508 50 mg/kg 500 27.2 96.2 70-130

Matrix Spike Dup (1909181-MSD1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 529 50 mg/kg 500 27.2 100 70-130 3.95 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 23, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 09/20/19 09:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island SW SE@10'	1909247-01	Soil	09/19/19 16:30	09/20/19 09:10

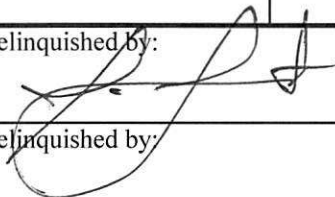

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1909247

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I North Excavation
Project Number:	701530.054.06

				Preservative				Matrix				Analyze For:								
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO						Special Instructions
Island SW SE @ 10'	9/19/2019	16:30:00	1			x			x			x	x	x						
Relinquished by: 				Date/Time: 9-20-19 9:10				Received by:  9-20-19 9:10				Date/Time: 9-20-19 9:10				Turn Around Time (Check)				
												Same Day <input type="checkbox"/>				72 Hours <input type="checkbox"/>				
												24 Hours <input checked="" type="checkbox"/>				Standard <input type="checkbox"/>				
Relinquished by:				Date/Time:				Received by:				Date/Time:				48 Hours <input type="checkbox"/>				
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity:				
																Temperature Upon Receipt: _____				
																Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Sample Receipt Checklist

S2 Work Order 1909247

Client: Talon/LPE Client Project ID: Razor 271 N Excavation

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

☐ ☒ ☐ ☐ ☐

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

Temp (°C)	4.1
-----------	-----

Thermometer ID: 61857155-K

	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 provided that 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48 TAT
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, H2SO4, NaOH, HNO3, ect	<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):

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

MP

Custodian Printed Name or Initials

Muri Premer
Signature of Custodian

9/20/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

Island SW SE@10'
1909247-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/19 16:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909284	09/20/19	09/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.11	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	74	0.50	"	"	"	"	"	"	

Date Sampled: **09/19/19 16:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		183 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/19/19 16:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5400	50	mg/kg	1	1909285	09/20/19	09/20/19	EPA 8015M	

Date Sampled: **09/19/19 16:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		70.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

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 1909284 - EPA 5030 Soil MS

Blank (1909284-BLK1)

Prepared & Analyzed: 09/20/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0348		"	0.0400		86.9	23-173			
Surrogate: Toluene-d8	0.0364		"	0.0400		91.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0352		"	0.0400		88.1	21-167			

LCS (1909284-BS1)

Prepared & Analyzed: 09/20/19

Benzene	0.0703	0.0020	mg/kg	0.100		70.3	70-130			
Toluene	0.0730	0.0050	"	0.100		73.0	70-130			
Ethylbenzene	0.0788	0.0050	"	0.100		78.8	70-130			
m,p-Xylene	0.150	0.010	"	0.200		75.0	70-130			
o-Xylene	0.0767	0.0050	"	0.100		76.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0344		"	0.0400		86.0	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0354		"	0.0400		88.5	21-167			

Matrix Spike (1909284-MS1)

Source: 1909248-03

Prepared & Analyzed: 09/20/19

Benzene	0.0783	0.0020	mg/kg	0.100	0.0285	49.9	70-130			
Toluene	0.0941	0.0050	"	0.100	0.101	NR	70-130			
Ethylbenzene	0.0789	0.0050	"	0.100	0.00678	72.1	70-130			
m,p-Xylene	0.162	0.010	"	0.200	0.0686	46.7	70-130			
o-Xylene	0.0790	0.0050	"	0.100	0.0187	60.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		90.9	23-173			
Surrogate: Toluene-d8	0.0378		"	0.0400		94.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0354		"	0.0400		88.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

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 1909284 - EPA 5030 Soil MS

Matrix Spike Dup (1909284-MSD1)		Source: 1909248-03			Prepared & Analyzed: 09/20/19					
Benzene	0.0828	0.0020	mg/kg	0.100	0.0285	54.3	70-130	5.51	30	
Toluene	0.111	0.0050	"	0.100	0.101	9.45	70-130	16.4	30	
Ethylbenzene	0.0808	0.0050	"	0.100	0.00678	74.0	70-130	2.44	30	
m,p-Xylene	0.179	0.010	"	0.200	0.0686	55.0	70-130	9.79	30	
o-Xylene	0.0844	0.0050	"	0.100	0.0187	65.7	70-130	6.65	30	
Surrogate: 1,2-Dichloroethane-d4	0.0368		"	0.0400		92.0	23-173			
Surrogate: Toluene-d8	0.0379		"	0.0400		94.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0357		"	0.0400		89.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909285 - EPA 3550A

Blank (1909285-BLK1)

Prepared & Analyzed: 09/20/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909285-BS1)

Prepared & Analyzed: 09/20/19

C10-C28 (DRO) 494 50 mg/kg 500 98.7 70-130

Matrix Spike (1909285-MS1)

Source: 1909248-03

Prepared & Analyzed: 09/20/19

C10-C28 (DRO) 489 50 mg/kg 500 ND 97.9 70-130

Matrix Spike Dup (1909285-MSD1)

Source: 1909248-03

Prepared & Analyzed: 09/20/19

C10-C28 (DRO) 492 50 mg/kg 500 ND 98.3 70-130 0.471 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/23/19 08:30

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 25, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

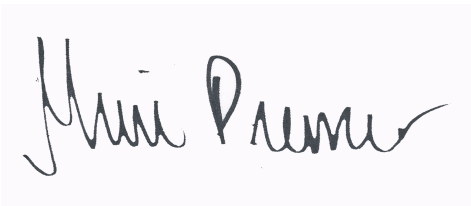
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909295

Enclosed are the results of analyses for samples received by Summit Scientific on 09/24/19 15:22. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW SE2@10'	1909295-01	Soil	09/24/19 11:00	09/24/19 15:22

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1909295

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name:	Razor 27I North Excavation
Project Number:	701530.054.06

www.s2scientific.com

-Sample Receipt Checklist

S2 Work Order 1909295

Client: TALON / LPE Client Project ID: RAZOR ZFI NORTH EXCAVATION

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

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

Temp (°C)	<u>4.8</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<u>X</u>			
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u>X</u>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<u>X</u>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<u>X</u>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<u>X</u>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<u>X</u>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<u>X</u>	
Additional Comments (if any): 				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

RZ
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

09/24/19
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

SW SE2@10'
1909295-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/24/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.0033	0.0020	mg/kg	1	1909295	09/24/19	09/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.22	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	17	0.50	"	"	"	"	"	"	

Date Sampled: **09/24/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		126 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/24/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2900	50	mg/kg	1	1909296	09/24/19	09/25/19	EPA 8015M	

Date Sampled: **09/24/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		35.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

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 1909295 - EPA 5030 Soil MS

Blank (1909295-BLK1)

Prepared: 09/23/19 Analyzed: 09/24/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0354		"	0.0400		88.5	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0350		"	0.0400		87.5	21-167			

LCS (1909295-BS1)

Prepared: 09/23/19 Analyzed: 09/24/19

Benzene	0.0742	0.0020	mg/kg	0.100		74.2	70-130			
Toluene	0.0999	0.0050	"	0.100		99.9	70-130			
Ethylbenzene	0.0901	0.0050	"	0.100		90.1	70-130			
m,p-Xylene	0.170	0.010	"	0.200		84.9	70-130			
o-Xylene	0.0864	0.0050	"	0.100		86.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0361		"	0.0400		90.2	23-173			
Surrogate: Toluene-d8	0.0457		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1909295-MS1)

Source: 1909259-01

Prepared: 09/23/19 Analyzed: 09/24/19

Benzene	0.0789	0.0020	mg/kg	0.100	ND	78.9	70-130			
Toluene	0.102	0.0050	"	0.100	ND	102	70-130			
Ethylbenzene	0.0931	0.0050	"	0.100	ND	93.1	70-130			
m,p-Xylene	0.175	0.010	"	0.200	ND	87.6	70-130			
o-Xylene	0.0884	0.0050	"	0.100	ND	88.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0348		"	0.0400		86.9	23-173			
Surrogate: Toluene-d8	0.0450		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

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 1909295 - EPA 5030 Soil MS

Matrix Spike Dup (1909295-MSD1)		Source: 1909259-01			Prepared: 09/23/19 Analyzed: 09/24/19					
Benzene	0.0743	0.0020	mg/kg	0.100	ND	74.3	70-130	5.99	30	
Toluene	0.0991	0.0050	"	0.100	ND	99.1	70-130	2.51	30	
Ethylbenzene	0.0894	0.0050	"	0.100	ND	89.4	70-130	4.05	30	
m,p-Xylene	0.169	0.010	"	0.200	ND	84.6	70-130	3.47	30	
o-Xylene	0.0871	0.0050	"	0.100	ND	87.1	70-130	1.47	30	
Surrogate: 1,2-Dichloroethane-d4	0.0348		"	0.0400		87.1	23-173			
Surrogate: Toluene-d8	0.0469		"	0.0400		117	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909296 - EPA 3550A

Blank (1909296-BLK1)

Prepared: 09/23/19 Analyzed: 09/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909296-BS1)

Prepared: 09/23/19 Analyzed: 09/24/19

C10-C28 (DRO) 547 50 mg/kg 500 109 70-130

Matrix Spike (1909296-MS1)

Source: 1909259-02

Prepared: 09/23/19 Analyzed: 09/24/19

C10-C28 (DRO) 533 50 mg/kg 500 54.3 95.7 70-130

Matrix Spike Dup (1909296-MSD1)

Source: 1909259-02

Prepared: 09/23/19 Analyzed: 09/24/19

C10-C28 (DRO) 526 50 mg/kg 500 54.3 94.3 70-130 1.29 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/25/19 16:51

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 05, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1910056

Enclosed are the results of analyses for samples received by Summit Scientific on 10/04/19 14:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS33@12'	1910056-01	Soil	10/04/19 11:10	10/04/19 14:50
SS34@10'	1910056-02	Soil	10/04/19 11:20	10/04/19 14:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1910056

Summit Scientific

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310

Page 1 of 1

Client: Talon/LPE - Bill to Whiting

Project Manager: Jason Loverton

Address: 1811 E Mulberry St.

E-Mail: SOnilles@talonlpe.com & JLoverton@talonlpe.com

City/State/Zip: Fort Collins CO 80524

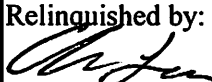

Phone: 970 818 5330

Project Name: Razor 27 I North excavation

Sampler Name: Ben Bradfield & Alex Lee

Project Number: 701530.054.05

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions		
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEX	GRU	DRU								
1	SS 33 @ 12'	10-4-19	11:10	1			X			X				X	X	X							
2	SS 34 @ 10'	10-4-19	11:20	1			X			X				X	X	X							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by: 	Date/Time: 10/4/19 14:50	Received by: 	Date/Time: 10/04/19 1450	Turn Around Time (Check)	Notes: we have a rush on these. if possible, results evening of 10/4 or morning of 10/5
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input checked="" type="checkbox"/> 72 hours	
				24 hours <input type="checkbox"/> Standard	
				48 hours <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
				Temperature Upon Receipt: 3.2	
				Samples Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Sample Receipt Checklist

S2 Work Order 1910054

Client: TALON/LPE Client Project ID: RAZOR ZFI NORTH EXCAVATION

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

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

Temp (°C)	<u>3.2</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<u>X</u>			
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
If custody seals are present, are they intact ⁽¹⁾ ?			<u>X</u>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<u>X</u>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<u>X</u>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<u>X</u>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<u>X</u>	
If dissolved metals are requested, were samples field filtered?			<u>X</u>	
Additional Comments (if any): 				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

RZ
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

10/04/19
Date/Time 1508



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

SS33@12'
1910056-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.074	0.0020	mg/kg	1	1910095	10/04/19	10/04/19	EPA 8260B	
Toluene	0.0064	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.032	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.090	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	9.7	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	5100	50	mg/kg	1	1910096	10/04/19	10/04/19	EPA 8015M	

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		209 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

SS34@10'
1910056-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0069	0.0020	mg/kg	1	1910095	10/04/19	10/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.069	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	11	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2600	50	mg/kg	1	1910096	10/04/19	10/04/19	EPA 8015M	

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		141 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

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 1910095 - EPA 5030 Soil MS

Blank (1910095-BLK1)

Prepared & Analyzed: 10/04/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.0	21-167			

LCS (1910095-BS1)

Prepared & Analyzed: 10/04/19

Benzene	0.102	0.0020	mg/kg	0.100		102	70-130			
Toluene	0.106	0.0050	"	0.100		106	70-130			
Ethylbenzene	0.122	0.0050	"	0.100		122	70-130			
m,p-Xylene	0.227	0.010	"	0.200		113	70-130			
o-Xylene	0.110	0.0050	"	0.100		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.6	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.4	21-167			

Matrix Spike (1910095-MS1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

Benzene	0.115	0.0020	mg/kg	0.100	ND	115	70-130			
Toluene	0.119	0.0050	"	0.100	ND	119	70-130			
Ethylbenzene	0.106	0.0050	"	0.100	ND	106	70-130			
m,p-Xylene	0.255	0.010	"	0.200	ND	128	70-130			
o-Xylene	0.123	0.0050	"	0.100	ND	123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.5	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

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 1910095 - EPA 5030 Soil MS

Matrix Spike Dup (1910095-MSD1)	Source: 1910053-01			Prepared & Analyzed: 10/04/19						
Benzene	0.110	0.0020	mg/kg	0.100	ND	110	70-130	4.61	30	
Toluene	0.114	0.0050	"	0.100	ND	114	70-130	3.55	30	
Ethylbenzene	0.120	0.0050	"	0.100	ND	120	70-130	12.4	30	
m,p-Xylene	0.227	0.010	"	0.200	ND	114	70-130	11.7	30	
o-Xylene	0.108	0.0050	"	0.100	ND	108	70-130	13.3	30	
Surrogate: 1,2-Dichloroethane-d4	0.0537		"	0.0400		134	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910096 - EPA 3550A

Blank (1910096-BLK1)

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910096-BS1)

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 599 50 mg/kg 500 120 70-130

Matrix Spike (1910096-MS1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 584 50 mg/kg 500 38.6 109 70-130

Matrix Spike Dup (1910096-MSD1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 579 50 mg/kg 500 38.6 108 70-130 0.811 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 10, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/09/19 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS35@10'	1910094-01	Soil	10/09/19 13:30	10/09/19 16:30
SS36@10'	1910094-02	Soil	10/09/19 13:35	10/09/19 16:30
SS37@12'	1910094-03	Soil	10/09/19 13:40	10/09/19 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

S₂

1910094

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: Talon LPE - Bill to Whiting

Project Manager: Jason Leverton, Jennifer Galles

Address: 1811 East Mulberry St

E-Mail: jleverton@talonlpe.com ; jgalles@talonlpe.com

City/State/Zip: Fort Collins, CO 80524

Phone: 970-818-5330

Project Name: Razor 27E North Excavation

Sampler Name: Ben Bradfield, Alex Lee

Project Number: 701530.054.05

					Preservative				Matrix				Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX	GR0	DR0						
1	SS 35 @ 10'	10/9/19	13:30	1			X			X			X	X	X						
2	SS 36 @ 10'	10/9/19	13:35	1			X			X			X	X	X						
3	SS 37 @ 12'	10/9/19	13:40	1			X			X			X	X	X						
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time	(Check)	Notes:
Ben Bradfield	10/9/19 16:30		10/09/19 1630	Same Day	72 hours	
Relinquished by:	Date/Time:	Received by:	Date/Time:	24 hours	Standard	
				48 hours		
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:		
				Temperature Upon Receipt:	48	
				Samples Intact:	Yes	No

Sample Receipt Checklist

S2 Work Order 1910094

Client: TALON/LPE Client Project ID: PAZQZ 27I NORTH EXCAVATION

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

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

Temp (°C)	<u>4.8</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples with holding times due within 48 hours sample due within 48 hours present?	X			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			X	
Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time

10/09/19
1632



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS35@10'
1910094-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	15	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1100	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS36@10'
1910094-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.030	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	0.029	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.023	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.21	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	60	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		86.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		145 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5600	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		202 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS37@12'
1910094-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.020	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	15	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1500	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

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 1910131 - EPA 5030 Soil MS

Blank (1910131-BLK1)

Prepared & Analyzed: 10/09/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0476		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

LCS (1910131-BS1)

Prepared & Analyzed: 10/09/19

Benzene	0.0769	0.0020	mg/kg	0.100		76.9	70-130			
Toluene	0.0977	0.0050	"	0.100		97.7	70-130			
Ethylbenzene	0.0888	0.0050	"	0.100		88.8	70-130			
m,p-Xylene	0.164	0.010	"	0.200		82.2	70-130			
o-Xylene	0.0835	0.0050	"	0.100		83.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0343		"	0.0400		85.7	23-173			
Surrogate: Toluene-d8	0.0442		"	0.0400		111	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1910131-MS1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

Benzene	0.0704	0.0020	mg/kg	0.100	ND	70.4	70-130			
Toluene	0.0828	0.0050	"	0.100	ND	82.8	70-130			
Ethylbenzene	0.0822	0.0050	"	0.100	ND	82.2	70-130			
m,p-Xylene	0.152	0.010	"	0.200	ND	75.9	70-130			
o-Xylene	0.0793	0.0050	"	0.100	ND	79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.4	23-173			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

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 1910131 - EPA 5030 Soil MS

Matrix Spike Dup (1910131-MSD1)	Source: 1910074-01			Prepared & Analyzed: 10/09/19						
Benzene	0.0791	0.0020	mg/kg	0.100	ND	79.1	70-130	11.6	30	
Toluene	0.100	0.0050	"	0.100	ND	100	70-130	19.2	30	
Ethylbenzene	0.0881	0.0050	"	0.100	ND	88.1	70-130	6.90	30	
m,p-Xylene	0.168	0.010	"	0.200	ND	84.2	70-130	10.3	30	
o-Xylene	0.0860	0.0050	"	0.100	ND	86.0	70-130	8.09	30	
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.8	23-173			
Surrogate: Toluene-d8	0.0456		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910126 - EPA 3550A

Blank (1910126-BLK1)

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910126-BS1)

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 429 50 mg/kg 500 85.9 70-130

Matrix Spike (1910126-MS1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 419 50 mg/kg 500 ND 83.8 70-130

Matrix Spike Dup (1910126-MSD1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 426 50 mg/kg 500 ND 85.1 70-130 1.60 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 15, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/14/19 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-38@12	1910140-01	Soil	10/14/19 13:40	10/14/19 16:10
SS-39@12	1910140-02	Soil	10/14/19 13:50	10/14/19 16:10

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

191040

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name:	Razor 271 - North Excavation
Project Number:	701530.054.05

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order 1910140

Client: Talon/LE Client Project ID: RAZOR ZFI NORTH EXCAVATION

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

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

Temp (°C)	<u>3.4</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

TZ
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

10/14/19
Date/Time 1646



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

SS-38@12
1910140-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910196	10/14/19	10/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1910197	10/14/19	10/14/19	EPA 8015M	

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

SS-39@12
1910140-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.12	0.0020	mg/kg	1	1910196	10/14/19	10/15/19	EPA 8260B	
Toluene	0.0052	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.090	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.18	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	13	0.50	"	"	"	"	"	"	

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92.7 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	190	50	mg/kg	1	1910197	10/14/19	10/14/19	EPA 8015M	

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		111 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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 1910196 - EPA 5030 Soil MS

Blank (1910196-BLK1)

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0489		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0437		"	0.0400		109	21-167			

LCS (1910196-BS1)

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	0.0985	0.0020	mg/kg	0.100		98.5	70-130			
Toluene	0.0930	0.0050	"	0.100		93.0	70-130			
Ethylbenzene	0.0828	0.0050	"	0.100		82.8	70-130			
m,p-Xylene	0.180	0.010	"	0.200		90.0	70-130			
o-Xylene	0.0796	0.0050	"	0.100		79.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.5	23-173			
Surrogate: Toluene-d8	0.0495		"	0.0400		124	20-170			
Surrogate: 4-Bromofluorobenzene	0.0424		"	0.0400		106	21-167			

Matrix Spike (1910196-MS1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	0.0718	0.0020	mg/kg	0.100	ND	71.8	70-130			
Toluene	0.0940	0.0050	"	0.100	ND	94.0	70-130			
Ethylbenzene	0.0837	0.0050	"	0.100	ND	83.7	70-130			
m,p-Xylene	0.182	0.010	"	0.200	ND	90.9	70-130			
o-Xylene	0.0814	0.0050	"	0.100	ND	81.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0437		"	0.0400		109	23-173			
Surrogate: Toluene-d8	0.0490		"	0.0400		122	20-170			
Surrogate: 4-Bromofluorobenzene	0.0435		"	0.0400		109	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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 1910196 - EPA 5030 Soil MS

Matrix Spike Dup (1910196-MSD1)	Source: 1910140-01			Prepared: 10/14/19 Analyzed: 10/15/19						
Benzene	0.0729	0.0020	mg/kg	0.100	ND	72.9	70-130	1.53	30	
Toluene	0.0924	0.0050	"	0.100	ND	92.4	70-130	1.74	30	
Ethylbenzene	0.0845	0.0050	"	0.100	ND	84.5	70-130	0.928	30	
m,p-Xylene	0.183	0.010	"	0.200	ND	91.5	70-130	0.691	30	
o-Xylene	0.0833	0.0050	"	0.100	ND	83.3	70-130	2.37	30	
Surrogate: 1,2-Dichloroethane-d4	0.0397		"	0.0400		99.2	23-173			
Surrogate: Toluene-d8	0.0467		"	0.0400		117	20-170			
Surrogate: 4-Bromofluorobenzene	0.0420		"	0.0400		105	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910197 - EPA 3550A

Blank (1910197-BLK1)

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910197-BS1)

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 496 50 mg/kg 500 99.2 70-130

Matrix Spike (1910197-MS1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 432 50 mg/kg 500 41.1 78.2 70-130

Matrix Spike Dup (1910197-MSD1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 453 50 mg/kg 500 41.1 82.4 70-130 4.74 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 16, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/15/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-40@10'	1910164-01	Soil	10/15/19 13:45	10/15/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com and jleverton@talonlpe.com ; bbroadfield@talonlpe.com
Project Name:	Razor 27I - North Excavation
Project Number:	701530.054.05

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order

1910164

Client: TALON / LPE

Client Project ID: RAZOR 271 NORTH EXCAVATION

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

Airbill #:

☐ ☒ ☐ ☐ ☐

Matrix (check all that apply):

☐ Air

☒ Soil/Solid

☐ Water

☐ Other:

(Describe)

Temp (°C)

3.1

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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, H2SO4, NaOH, HNO3, ect	<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):

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

RZ

Custodian Printed Name or Initials

Signature of Custodian

10/15/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

SS-40@10'
1910164-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910212	10/15/19	10/16/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	17	0.50	"	"	"	"	"	"	

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1100	50	mg/kg	1	1910213	"	10/16/19	EPA 8015M	

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		131 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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 1910212 - EPA 5030 Soil MS

Blank (1910212-BLK1)

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0507		"	0.0400		127	23-173			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0447		"	0.0400		112	21-167			

LCS (1910212-BS1)

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	0.0749	0.0020	mg/kg	0.100		74.9	70-130			
Toluene	0.0864	0.0050	"	0.100		86.4	70-130			
Ethylbenzene	0.0812	0.0050	"	0.100		81.2	70-130			
m,p-Xylene	0.208	0.010	"	0.200		104	70-130			
o-Xylene	0.0784	0.0050	"	0.100		78.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		91.0	23-173			
Surrogate: Toluene-d8	0.0472		"	0.0400		118	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Matrix Spike (1910212-MS1)

Source: 1910159-01

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	0.0778	0.0020	mg/kg	0.100	ND	77.8	70-130			
Toluene	0.0862	0.0050	"	0.100	ND	86.2	70-130			
Ethylbenzene	0.0866	0.0050	"	0.100	ND	86.6	70-130			
m,p-Xylene	0.211	0.010	"	0.200	ND	106	70-130			
o-Xylene	0.0811	0.0050	"	0.100	ND	81.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0418		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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 1910212 - EPA 5030 Soil MS

Matrix Spike Dup (1910212-MSD1)		Source: 1910159-01			Prepared: 10/15/19 Analyzed: 10/16/19					
Benzene	0.0726	0.0020	mg/kg	0.100	ND	72.6	70-130	6.90	30	
Toluene	0.103	0.0050	"	0.100	ND	103	70-130	17.7	30	
Ethylbenzene	0.0894	0.0050	"	0.100	ND	89.4	70-130	3.21	30	
m,p-Xylene	0.217	0.010	"	0.200	ND	108	70-130	2.65	30	
o-Xylene	0.0876	0.0050	"	0.100	ND	87.6	70-130	7.76	30	
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.5	23-173			
Surrogate: Toluene-d8	0.0508		"	0.0400		127	20-170			
Surrogate: 4-Bromofluorobenzene	0.0422		"	0.0400		106	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910213 - EPA 3550A

Blank (1910213-BLK1)

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910213-BS1)

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 467 50 mg/kg 500 93.3 70-130

Matrix Spike (1910213-MS1)

Source: 1910159-01

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 494 50 mg/kg 500 47.3 89.3 70-130

Matrix Spike Dup (1910213-MSD1)

Source: 1910159-01

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 494 50 mg/kg 500 47.3 89.3 70-130 0.0450 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 21, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I - East Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/17/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB22-B	1910204-01	Soil	10/17/19 12:55	10/17/19 15:30
OB23-B	1910204-02	Soil	10/17/19 12:56	10/17/19 15:30
OB24-E	1910204-03	Soil	10/17/19 12:57	10/17/19 15:30
OB25-A	1910204-04	Soil	10/17/19 12:58	10/17/19 15:30
OB26-D	1910204-05	Soil	10/17/19 12:59	10/17/19 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

19/10/2014

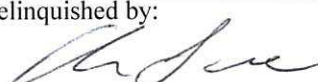
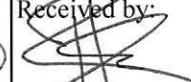
Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield & Alex Lae

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jlevertont@talonlpe.com
Project Name: Razor 271 - East Excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO											
OB 22-B	10.17.2019	12:55	1			x			x				x	x	x										
OB 23-B	10.17.2019	12:56	1			x			x				x	x	x										
OB 24-E	10.17.2019	12:57	1			x			x				x	x	x										
OB 25-A	10.17.2019	12:58	1			x			x				x	x	x										
OB 26-D	10.17.2019	12:59	1			x			x				x	x	x										
Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)																					
	10/17/19 15:30		10/17/19 15:30	Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/>																					
Relinquished by:	Date/Time:	Received by:	Date/Time:	48 Hours <input checked="" type="checkbox"/>																					
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																					
				Temperature Upon Receipt: 2.8																					
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					

Sample Receipt Checklist

S2 Work Order 1910204

Client: TALON/LPE

Client Project ID: RAZOR 27I - EAST EXCAVATION

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

☐ ☒ ☐ ☐ ☐

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

Temp (°C)	2.8
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48 HOUR
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, H2SO4, NaOH, HNO3, ect	<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):

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

RZ

Custodian Printed Name or Initials

RZ
Signature of Custodian

10/17/19

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB22-B
1910204-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB23-B
1910204-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB24-E
1910204-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB25-A
1910204-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB26-D
1910204-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		140 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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 1910271 - EPA 5030 Soil MS

Blank (1910271-BLK1)

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0564		"	0.0400		141	23-173			
Surrogate: Toluene-d8	0.0408		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400		107	21-167			

LCS (1910271-BS1)

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	0.0724	0.0020	mg/kg	0.100		72.4	70-130			
Toluene	0.0723	0.0050	"	0.100		72.3	70-130			
Ethylbenzene	0.0826	0.0050	"	0.100		82.6	70-130			
m,p-Xylene	0.176	0.010	"	0.200		88.0	70-130			
o-Xylene	0.0756	0.0050	"	0.100		75.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Matrix Spike (1910271-MS1)

Source: 1910204-01

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	0.0747	0.0020	mg/kg	0.100	ND	74.7	70-130			
Toluene	0.0762	0.0050	"	0.100	ND	76.2	70-130			
Ethylbenzene	0.0821	0.0050	"	0.100	ND	82.1	70-130			
m,p-Xylene	0.176	0.010	"	0.200	ND	87.9	70-130			
o-Xylene	0.0771	0.0050	"	0.100	ND	77.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0462		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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 1910271 - EPA 5030 Soil MS

Matrix Spike Dup (1910271-MSD1)	Source: 1910204-01			Prepared: 10/18/19 Analyzed: 10/19/19						
Benzene	0.0736	0.0020	mg/kg	0.100	ND	73.6	70-130	1.50	30	
Toluene	0.0763	0.0050	"	0.100	ND	76.3	70-130	0.0787	30	
Ethylbenzene	0.0854	0.0050	"	0.100	ND	85.4	70-130	3.98	30	
m,p-Xylene	0.178	0.010	"	0.200	ND	89.2	70-130	1.49	30	
o-Xylene	0.0794	0.0050	"	0.100	ND	79.4	70-130	2.99	30	
Surrogate: 1,2-Dichloroethane-d4	0.0452		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.4	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910272 - EPA 3550A

Blank (1910272-BLK1)

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910272-BS1)

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 498 50 mg/kg 500 99.6 70-130

Matrix Spike (1910272-MS1)

Source: 1910204-01

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 531 50 mg/kg 500 29.7 100 70-130

Matrix Spike Dup (1910272-MSD1)

Source: 1910204-01

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 488 50 mg/kg 500 29.7 91.7 70-130 8.28 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 25, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I - East Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/24/19 14:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-41@12'	1910300-01	Soil	10/24/19 11:10	10/24/19 14:50
SS-42@12'	1910300-02	Soil	10/24/19 11:15	10/24/19 14:50

Summit Scientific

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Summit Scientific

1910300

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield & Alex Lae

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jlevert@talonlpe.com ; bbradfield@talonlpe.com
Project Name: Razor 271 - ~~Asphalt Excavation~~ East Excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:								Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO								
SS-41 @ 12'	10/24/19	11:10	1			X			X				X	X	X							
SS-42 @ 12'	10/24/19	11:15	1			X			X				X	X	X							
Relinquished by: Ben Bradfield	Date/Time: 10/24/19 13:45	Received by: [Signature]	Date/Time: 10/24/19 14:50	Turn Around Time (Check)																		
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	72 Hours																	
				24 Hours	Standard																	
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:																		
				Temperature Upon Receipt: 3.2																		
				Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																		

Sample Receipt Checklist

S2 Work Order

Client:

Client Project ID:

Shipped Via: ☒ H.D./P.U./FedEx/UPS/USPS/Other

Airbill #:

Matrix (check all that apply):

Air ✗

Water

Other:

(Describe)

Temp (°C)	3.2
-----------	-----

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples with holding times due within 48 hours sample due within 48 hours present?	X			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			X	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):

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

Custodian Printed Name or Initials

Signature of Custodian

10/24/19
Date/Time

-145



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

SS-41@12'
1910300-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.016	0.0020	mg/kg	1	1910376	10/24/19	10/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.031	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.20	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	26	0.50	"	"	"	"	"	"	

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		91.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		132 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	440	50	mg/kg	1	1910377	10/24/19	10/25/19	EPA 8015M	

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		78.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

SS-42@12'
1910300-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.081	0.0020	mg/kg	1	1910376	10/24/19	10/25/19	EPA 8260B	
Toluene	0.017	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.16	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.40	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	14	0.50	"	"	"	"	"	"	

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		113 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	430	50	mg/kg	1	1910377	10/24/19	10/25/19	EPA 8015M	

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		78.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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 1910376 - EPA 5030 Soil MS

Blank (1910376-BLK1)

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0359		"	0.0400		89.8	23-173			
Surrogate: Toluene-d8	0.0436		"	0.0400		109	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

LCS (1910376-BS1)

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	0.0834	0.0020	mg/kg	0.100		83.4	70-130			
Toluene	0.121	0.0050	"	0.100		121	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.237	0.010	"	0.200		119	70-130			
o-Xylene	0.124	0.0050	"	0.100		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0288		"	0.0400		71.9	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

Matrix Spike (1910376-MS1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	0.101	0.0020	mg/kg	0.100	ND	101	70-130			
Toluene	0.117	0.0050	"	0.100	ND	117	70-130			
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130			
m,p-Xylene	0.244	0.010	"	0.200	ND	122	70-130			
o-Xylene	0.129	0.0050	"	0.100	ND	129	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0400		91.2	23-173			
Surrogate: Toluene-d8	0.0460		"	0.0400		115	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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 1910376 - EPA 5030 Soil MS

Matrix Spike Dup (1910376-MSD1)		Source: 1910301-01			Prepared: 10/24/19 Analyzed: 10/25/19					
Benzene	0.106	0.0020	mg/kg	0.100	ND	106	70-130	4.59	30	
Toluene	0.114	0.0050	"	0.100	ND	114	70-130	2.84	30	
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	3.45	30	
m,p-Xylene	0.238	0.010	"	0.200	ND	119	70-130	2.79	30	
o-Xylene	0.123	0.0050	"	0.100	ND	123	70-130	4.67	30	
Surrogate: 1,2-Dichloroethane-d4	0.0388		"	0.0400		96.9	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910377 - EPA 3550A

Blank (1910377-BLK1)

Prepared & Analyzed: 10/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910377-BS1)

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 504 50 mg/kg 500 101 70-130

Matrix Spike (1910377-MS1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 502 50 mg/kg 500 23.0 95.9 70-130

Matrix Spike Dup (1910377-MSD1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 502 50 mg/kg 500 23.0 95.7 70-130 0.133 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 04, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

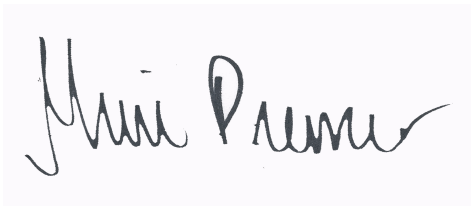
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1910365

Enclosed are the results of analyses for samples received by Summit Scientific on 10/31/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-3@14'	1910365-01	Soil	10/31/19 13:05	10/31/19 15:45
BH-4@14'	1910365-02	Soil	10/31/19 13:20	10/31/19 15:45
BH-5@14'	1910365-03	Soil	10/31/19 14:00	10/31/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

19 10 365

Page 1 of 1

Project Manager:	Jason Leverton
E-Mail:	jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name:	Razor 27I North Excavation
Project Number:	701530.054.06

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order

1910365

Client: Talon/LPE

Client Project ID: RAZOR

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

Airbill #:

Matrix (check all that apply):

Air

X

Soil/Solid

Water

Other:

(Describe)

Temp (°C)

4.5

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples with holding times due within 48 hours sample due within 48 hours present?	X			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			X	
Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time

10/31/19 1632



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-3@14'
1910365-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910455	10/31/19	10/31/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	10/31/19	"	
Xylenes (total)	ND	0.010	"	"	1911007	11/01/19	11/02/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	1910455	10/31/19	10/31/19	"	

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8		96.9 %	20-170		1910455	10/31/19	10/31/19	"	
Surrogate: Toluene-d8		106 %	20-170		1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		1910455	10/31/19	10/31/19	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		1911007	11/01/19	11/02/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		55.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-4@14'
1910365-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1911007	11/01/19	11/02/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1910455	10/31/19	10/31/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Xylenes (total)	ND	0.010	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	10/31/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8		97.8 %	20-170		1910455	10/31/19	10/31/19	"	
Surrogate: Toluene-d8		108 %	20-170		1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		1910455	10/31/19	10/31/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		53.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-5@14'
1910365-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910455	10/31/19	11/01/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	11/01/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	11/01/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	11/01/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	115 %	23-173			"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	120 %	23-173			1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8	96.6 %	20-170			1910455	10/31/19	11/01/19	"	
Surrogate: Toluene-d8	108 %	20-170			1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene	100 %	21-167			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	21-167			1910455	10/31/19	11/01/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	56.9 %	30-150			"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:

11/04/19 16:54

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 1910455 - EPA 5030 Soil MS

Blank (1910455-BLK1)

Prepared & Analyzed: 10/31/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0483		"	0.0400		121	23-173			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0438		"	0.0400		110	21-167			

LCS (1910455-BS1)

Prepared & Analyzed: 10/31/19

Benzene	0.0924	0.0020	mg/kg	0.100		92.4	70-130			
Toluene	0.0842	0.0050	"	0.100		84.2	70-130			
Ethylbenzene	0.0758	0.0050	"	0.100		75.8	70-130			
m,p-Xylene	0.196	0.010	"	0.200		98.1	70-130			
o-Xylene	0.0737	0.0050	"	0.100		73.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0494		"	0.0400		124	20-170			
Surrogate: 4-Bromofluorobenzene	0.0443		"	0.0400		111	21-167			

Matrix Spike (1910455-MS1)

Source: 1910315-01

Prepared & Analyzed: 10/31/19

Benzene	0.0974	0.0020	mg/kg	0.100	ND	97.4	70-130			
Toluene	0.0848	0.0050	"	0.100	ND	84.8	70-130			
Ethylbenzene	0.0830	0.0050	"	0.100	ND	83.0	70-130			
m,p-Xylene	0.206	0.010	"	0.200	ND	103	70-130			
o-Xylene	0.0788	0.0050	"	0.100	ND	78.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0450		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.0400		103	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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 1910455 - EPA 5030 Soil MS

Matrix Spike Dup (1910455-MSD1)

Source: 1910315-01

Prepared & Analyzed: 10/31/19

Benzene	0.0748	0.0020	mg/kg	0.100	ND	74.8	70-130	26.3	30	
Toluene	0.0935	0.0050	"	0.100	ND	93.5	70-130	9.69	30	
Ethylbenzene	0.0903	0.0050	"	0.100	ND	90.3	70-130	8.52	30	
m,p-Xylene	0.157	0.010	"	0.200	ND	78.5	70-130	27.1	30	
o-Xylene	0.0839	0.0050	"	0.100	ND	83.9	70-130	6.23	30	
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0478		"	0.0400		119	20-170			
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400		105	21-167			

Batch 1911007 - EPA 5030 Soil MS

Blank (1911007-BLK1)

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0466		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0426		"	0.0400		107	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1911007-BS1)

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0808	0.0020	mg/kg	0.100		80.8	70-130			
Toluene	0.0862	0.0050	"	0.100		86.2	70-130			
Ethylbenzene	0.0914	0.0050	"	0.100		91.4	70-130			
m,p-Xylene	0.176	0.010	"	0.200		88.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0472		"	0.0400		118	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0417		"	0.0400		104	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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 1911007 - EPA 5030 Soil MS

Matrix Spike (1911007-MS1)

Source: 1910349-01

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0832	0.0020	mg/kg	0.100	ND	83.2	70-130
Toluene	0.0897	0.0050	"	0.100	ND	89.7	70-130
Ethylbenzene	0.0912	0.0050	"	0.100	ND	91.2	70-130
m,p-Xylene	0.176	0.010	"	0.200	ND	88.1	70-130
Surrogate: 1,2-Dichloroethane-d4	0.0488		"	0.0400		122	23-173
Surrogate: Toluene-d8	0.0440		"	0.0400		110	20-170
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		97.9	21-167

Matrix Spike Dup (1911007-MSD1)

Source: 1910349-01

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0808	0.0020	mg/kg	0.100	ND	80.8	70-130
Toluene	0.0880	0.0050	"	0.100	ND	88.0	70-130
Ethylbenzene	0.0928	0.0050	"	0.100	ND	92.8	70-130
m,p-Xylene	0.178	0.010	"	0.200	ND	89.1	70-130
Surrogate: 1,2-Dichloroethane-d4	0.0505		"	0.0400		126	23-173
Surrogate: Toluene-d8	0.0430		"	0.0400		107	20-170
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.1	21-167

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910449 - EPA 3550A

Blank (1910449-BLK1)

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910449-BS1)

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 567 50 mg/kg 500 113 70-130

Matrix Spike (1910449-MS1)

Source: 1910315-01

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 598 50 mg/kg 500 46.1 110 70-130

Matrix Spike Dup (1910449-MSD1)

Source: 1910315-01

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 540 50 mg/kg 500 46.1 98.8 70-130 10.3 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 05, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 11/04/19 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-6	1911020-01	Soil	11/04/19 11:05	11/04/19 17:00
BH-7	1911020-02	Soil	11/04/19 11:10	11/04/19 17:00
BH-8	1911020-03	Soil	11/04/19 11:15	11/04/19 17:00
BH-9	1911020-04	Soil	11/04/19 11:20	11/04/19 17:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

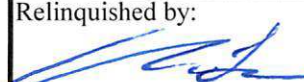
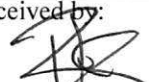
1911020

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield & Alex Lae

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271 - North excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO												
BH-6	11/4/2019	11:05	1			X			X				X	X	X											
BH-7	11/4/2019	11:10	1			X			X				X	X	X											
BH-8	11/4/2019	11:15	1			X			X				X	X	X											
BH-9	11/4/2019	11:20	1			X			X				X	X	X											
Relinquished by: 				Date/Time: 11/04/19 1345				Received by: 				Date/Time: 11/04/19 1703				Turn Around Time (Check)										
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 3.6 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										

Sample Receipt Checklist

S2 Work Order 1911020

Client: Talon/18 Client Project ID: Razon JTB - North Excavation

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

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

Temp (°C)	<u>3.6</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

JB
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

7/1/04/19
Date/Time 186



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-6
1911020-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		110 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	69	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-7
1911020-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-8
1911020-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-9
1911020-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

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 1911024 - EPA 5030 Soil MS

Blank (1911024-BLK1)

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0481		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0433		"	0.0400		108	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		104	21-167			

LCS (1911024-BS1)

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	0.0813	0.0020	mg/kg	0.100		81.3	70-130			
Toluene	0.0851	0.0050	"	0.100		85.1	70-130			
Ethylbenzene	0.0911	0.0050	"	0.100		91.1	70-130			
m,p-Xylene	0.178	0.010	"	0.200		88.9	70-130			
o-Xylene	0.0873	0.0050	"	0.100		87.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0475		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0432		"	0.0400		108	20-170			
Surrogate: 4-Bromofluorobenzene	0.0422		"	0.0400		106	21-167			

Matrix Spike (1911024-MS1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	0.0818	0.0020	mg/kg	0.100	ND	81.8	70-130			
Toluene	0.0857	0.0050	"	0.100	ND	85.7	70-130			
Ethylbenzene	0.0931	0.0050	"	0.100	ND	93.1	70-130			
m,p-Xylene	0.180	0.010	"	0.200	ND	90.0	70-130			
o-Xylene	0.0914	0.0050	"	0.100	ND	91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0534		"	0.0400		134	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

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 1911024 - EPA 5030 Soil MS

Matrix Spike Dup (1911024-MSD1)	Source: 1911020-01			Prepared: 11/04/19 Analyzed: 11/05/19						
Benzene	0.0810	0.0020	mg/kg	0.100	ND	81.0	70-130	0.921	30	
Toluene	0.0854	0.0050	"	0.100	ND	85.4	70-130	0.386	30	
Ethylbenzene	0.0908	0.0050	"	0.100	ND	90.8	70-130	2.45	30	
m,p-Xylene	0.179	0.010	"	0.200	ND	89.4	70-130	0.636	30	
o-Xylene	0.0875	0.0050	"	0.100	ND	87.5	70-130	4.26	30	
Surrogate: 1,2-Dichloroethane-d4	0.0492		"	0.0400		123	23-173			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		105	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1911025 - EPA 3550A

Blank (1911025-BLK1)

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1911025-BS1)

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 439 50 mg/kg 500 87.8 70-130

Matrix Spike (1911025-MS1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 412 50 mg/kg 500 68.9 68.5 70-130

Matrix Spike Dup (1911025-MSD1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 430 50 mg/kg 500 68.9 72.3 70-130 4.41 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 08, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

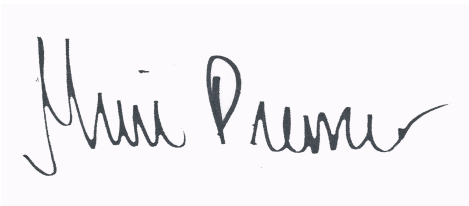
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1911078

Enclosed are the results of analyses for samples received by Summit Scientific on 11/06/19 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", on a light blue background.

Muri Premier For Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB 31-B	1911078-01	Soil	11/06/19 11:20	11/06/19 16:10
OB 32-E	1911078-02	Soil	11/06/19 11:25	11/06/19 16:10
OB 33-E	1911078-03	Soil	11/06/19 11:30	11/06/19 16:10
OB 34-D	1911078-04	Soil	11/06/19 11:35	11/06/19 16:10
OB 35-A	1911078-05	Soil	11/06/19 11:40	11/06/19 16:10
OB 36-E	1911078-06	Soil	11/06/19 11:45	11/06/19 16:10
OB 37-A	1911078-07	Soil	11/06/19 11:50	11/06/19 16:10

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

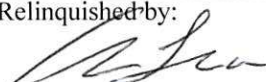

1911078

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Ben Bradfield & Alex Lae

Project Manager: Jennifer Galles
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 271 - North excavation
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	GRO	DRO												
OB 31-B	11/6/19	11:20	1			X			X				X	X	X											
OB 32-E	11/6/19	11:25	1			X			X				X	X	X											
OB 33-E	11/6/19	11:30	1			X			X				X	X	X											
OB 34-D	11/6/19	11:35	1			X			X				X	X	X											
OB 35-A	11/6/19	11:40	1			X			X				X	X	X											
OB 36-E	11/6/19	11:45	1			X			X				X	X	X											
OB 37-A	11/6/19	11:50	1			X			X				X	X	X											
Relinquished by: 				Date/Time: 11/06/19 13:50				Received by: 				Date/Time: 11/06/19 16:10				Turn Around Time (Check)										
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Sample Integrity: Temperature Upon Receipt: 2.4 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										

Sample Receipt Checklist

S2 Work Order 1911078

Client: TALON/LPE Client Project ID: RAZORZEE-NORTH EXCAVATION

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

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

Temp (°C)	<u>2.4</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples with holding times due within 48 hours sample due within 48 hours present?	X			48 Hour TAG
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			X	
Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):

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

BE
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

11/06/19
Date/Time 1614



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 31-B
1911078-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		123 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 32-E
1911078-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	140	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 33-E
1911078-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:30**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 34-D
1911078-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		71.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 35-A
1911078-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		84.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 36-E
1911078-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

OB 37-A
1911078-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911076	11/07/19	11/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911077	11/07/19	11/08/19	EPA 8015M	

Date Sampled: **11/06/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

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 1911076 - EPA 5030 Soil MS

Blank (1911076-BLK1)

Prepared: 11/07/19 Analyzed: 11/08/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0448		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.3	21-167			

LCS (1911076-BS1)

Prepared: 11/07/19 Analyzed: 11/08/19

Benzene	0.0798	0.0020	mg/kg	0.100		79.8	70-130			
Toluene	0.0844	0.0050	"	0.100		84.4	70-130			
Ethylbenzene	0.0917	0.0050	"	0.100		91.7	70-130			
m,p-Xylene	0.179	0.010	"	0.200		89.4	70-130			
o-Xylene	0.0890	0.0050	"	0.100		89.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0455		"	0.0400		114	23-173			
Surrogate: Toluene-d8	0.0417		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1911076-MS1)

Source: 1911063-01

Prepared: 11/07/19 Analyzed: 11/08/19

Benzene	0.0799	0.0020	mg/kg	0.100	ND	79.9	70-130			
Toluene	0.0845	0.0050	"	0.100	ND	84.5	70-130			
Ethylbenzene	0.0934	0.0050	"	0.100	ND	93.4	70-130			
m,p-Xylene	0.184	0.010	"	0.200	ND	91.8	70-130			
o-Xylene	0.0910	0.0050	"	0.100	ND	91.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0464		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

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 1911076 - EPA 5030 Soil MS

Matrix Spike Dup (1911076-MSD1)	Source: 1911063-01			Prepared: 11/07/19 Analyzed: 11/08/19						
Benzene	0.0821	0.0020	mg/kg	0.100	ND	82.1	70-130	2.78	30	
Toluene	0.0878	0.0050	"	0.100	ND	87.8	70-130	3.73	30	
Ethylbenzene	0.0938	0.0050	"	0.100	ND	93.8	70-130	0.385	30	
m,p-Xylene	0.182	0.010	"	0.200	ND	91.2	70-130	0.623	30	
o-Xylene	0.0910	0.0050	"	0.100	ND	91.0	70-130	0.0330	30	
Surrogate: 1,2-Dichloroethane-d4	0.0482		"	0.0400		121	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1911077 - EPA 3550A

Blank (1911077-BLK1)

Prepared & Analyzed: 11/07/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1911077-BS1)

Prepared & Analyzed: 11/07/19

C10-C28 (DRO) 414 50 mg/kg 500 82.8 70-130

Matrix Spike (1911077-MS1)

Source: 1911081-01

Prepared & Analyzed: 11/07/19

C10-C28 (DRO) 430 50 mg/kg 500 33.6 79.3 70-130

Matrix Spike Dup (1911077-MSD1)

Source: 1911081-01

Prepared & Analyzed: 11/07/19

C10-C28 (DRO) 420 50 mg/kg 500 33.6 77.3 70-130 2.38 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/08/19 18:15

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 30, 2019

Jennifer Galles

Talon/LPE

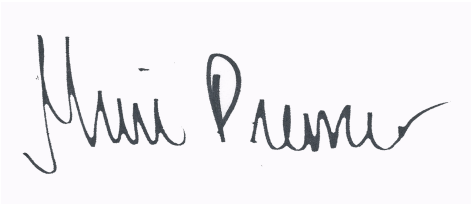
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27-I Crude Release

Enclosed are the results of analyses for samples received by Summit Scientific on 04/29/19 16:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1@3'	1904386-01	Soil	04/29/19 14:10	04/29/19 16:51
SS-2@3'	1904386-02	Soil	04/29/19 14:12	04/29/19 16:51
SS-3@3'	1904386-03	Soil	04/29/19 14:16	04/29/19 16:51
SS-4@0'	1904386-04	Soil	04/29/19 14:00	04/29/19 16:51
SS-5@0'	1904386-05	Soil	04/29/19 13:59	04/29/19 16:51
SS-6@0'	1904386-06	Soil	04/29/19 14:02	04/29/19 16:51

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-1@3'
1904386-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.43	0.20	mg/kg	100	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	6.9	0.50	"	"	"	"	"	"	
Ethylbenzene	12	0.50	"	"	"	"	"	"	
Xylenes (total)	71	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3900	50	"	"	"	"	"	"	

Date Sampled: **04/29/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		215 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	8100	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		230 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-2@3'
1904386-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 14:12**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.40	0.20	mg/kg	100	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	3.2	0.50	"	"	"	"	"	"	
Ethylbenzene	3.9	0.50	"	"	"	"	"	"	
Xylenes (total)	14	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	840	50	"	"	"	"	"	"	

Date Sampled: **04/29/19 14:12**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		142 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 14:12**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	790	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 14:12**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		129 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-3@3'
1904386-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 14:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0052	0.0020	mg/kg	1	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	0.041	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.098	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.55	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	33	0.50	"	"	"	"	"	"	

Date Sampled: **04/29/19 14:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		120 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		176 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 14:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1100	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 14:16**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-4@0'
1904386-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		113 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-5@0'
1904386-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 13:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/29/19 13:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 13:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 13:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

SS-6@0'
1904386-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/29/19 14:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1904447	04/29/19	04/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/29/19 14:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/29/19 14:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1904448	04/29/19	04/29/19	EPA 8015M	

Date Sampled: **04/29/19 14:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1904447 - EPA 5030 Soil MS

Blank (1904447-BLK1)

Prepared: 04/29/19 Analyzed: 04/30/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0466		"	0.0400		117	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1904447-BS1)

Prepared: 04/29/19 Analyzed: 04/30/19

Benzene	0.0800	0.0020	mg/kg	0.100		80.0	70-130			
Toluene	0.0921	0.0050	"	0.100		92.1	70-130			
Ethylbenzene	0.107	0.0050	"	0.100		107	70-130			
m,p-Xylene	0.205	0.010	"	0.200		103	70-130			
o-Xylene	0.0991	0.0050	"	0.100		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0482		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1904447-MS1)

Source: 1904386-04

Prepared: 04/29/19 Analyzed: 04/30/19

Benzene	0.0819	0.0020	mg/kg	0.100	ND	81.9	70-130			
Toluene	0.0934	0.0050	"	0.100	ND	93.4	70-130			
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130			
m,p-Xylene	0.208	0.010	"	0.200	ND	104	70-130			
o-Xylene	0.0991	0.0050	"	0.100	ND	99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0488		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

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 1904447 - EPA 5030 Soil MS

Matrix Spike Dup (1904447-MSD1)

Source: 1904386-04

Prepared: 04/29/19 Analyzed: 04/30/19

Benzene	0.0814	0.0020	mg/kg	0.100	ND	81.4	70-130	0.662	30	
Toluene	0.0929	0.0050	"	0.100	ND	92.9	70-130	0.483	30	
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130	0.00	30	
m,p-Xylene	0.204	0.010	"	0.200	ND	102	70-130	1.91	30	
o-Xylene	0.0998	0.0050	"	0.100	ND	99.8	70-130	0.634	30	
Surrogate: 1,2-Dichloroethane-d4	0.0489		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1904448 - EPA 3550A

Blank (1904448-BLK1)

Prepared: 04/29/19 Analyzed: 04/30/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1904448-BS1)

Prepared: 04/29/19 Analyzed: 04/30/19

C10-C28 (DRO) 515 50 mg/kg 500 103 70-130

Matrix Spike (1904448-MS1)

Source: 1904386-01

Prepared: 04/29/19 Analyzed: 04/30/19

C10-C28 (DRO) 6780 50 mg/kg 500 8050 NR 70-130 QM-4X

Matrix Spike Dup (1904448-MSD1)

Source: 1904386-01

Prepared: 04/29/19 Analyzed: 04/30/19

C10-C28 (DRO) 6790 50 mg/kg 500 8050 NR 70-130 0.122 20 QM-4X

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
04/30/19 16:28

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 01, 2019

Jennifer Galles

Talon/LPE

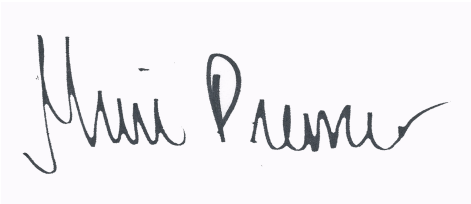
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 04/30/19 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-7@2.5'	1904398-01	Soil	04/30/19 13:00	04/30/19 16:30
SS-8@2.5'	1904398-02	Soil	04/30/19 13:05	04/30/19 16:30
SS-9@2.5'	1904398-03	Soil	04/30/19 13:10	04/30/19 16:30

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

SS-7@2.5'
1904398-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/30/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1904472	04/30/19	05/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	05/01/19	"	
Gasoline Range Hydrocarbons	0.91	0.50	"	"	"	"	05/01/19	"	

Date Sampled: **04/30/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/30/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	210	50	mg/kg	1	1904473	04/30/19	05/01/19	EPA 8015M	

Date Sampled: **04/30/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

SS-8@2.5'
1904398-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/30/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0034	0.0020	mg/kg	1	1904472	04/30/19	05/01/19	EPA 8260B	
Toluene	0.047	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.044	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.16	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	8.0	0.50	"	"	"	"	"	"	

Date Sampled: **04/30/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		119 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.9 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/30/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	540	50	mg/kg	1	1904473	04/30/19	05/01/19	EPA 8015M	

Date Sampled: **04/30/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		128 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

SS-9@2.5'
1904398-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/30/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1904472	04/30/19	05/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/30/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/30/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	260	50	mg/kg	1	1904473	04/30/19	05/01/19	EPA 8015M	

Date Sampled: **04/30/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

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 1904472 - EPA 5030 Soil MS

Blank (1904472-BLK1)

Prepared: 04/30/19 Analyzed: 05/01/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0490		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400		107	21-167			

LCS (1904472-BS1)

Prepared: 04/30/19 Analyzed: 05/01/19

Benzene	0.134	0.0020	mg/kg	0.150		89.1	70-130			
Toluene	0.159	0.0050	"	0.150		106	70-130			
Ethylbenzene	0.159	0.0050	"	0.150		106	70-130			
m,p-Xylene	0.315	0.010	"	0.300		105	70-130			
o-Xylene	0.154	0.0050	"	0.150		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0492		"	0.0400		123	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0443		"	0.0400		111	21-167			

Matrix Spike (1904472-MS1)

Source: 1904408-02

Prepared: 04/30/19 Analyzed: 05/01/19

Benzene	0.150	0.0020	mg/kg	0.150	0.00843	94.1	70-130			
Toluene	0.163	0.0050	"	0.150	0.0151	98.7	70-130			
Ethylbenzene	0.155	0.0050	"	0.150	ND	103	70-130			
m,p-Xylene	0.310	0.010	"	0.300	0.00723	101	70-130			
o-Xylene	0.145	0.0050	"	0.150	ND	96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0542		"	0.0400		136	23-173			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0463		"	0.0400		116	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

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 1904472 - EPA 5030 Soil MS

Matrix Spike Dup (1904472-MSD1)

Source: 1904408-02

Prepared: 04/30/19 Analyzed: 05/01/19

Benzene	0.154	0.0020	mg/kg	0.150	0.00843	96.8	70-130	2.71	30	
Toluene	0.166	0.0050	"	0.150	0.0151	101	70-130	1.97	30	
Ethylbenzene	0.158	0.0050	"	0.150	ND	106	70-130	2.40	30	
m,p-Xylene	0.313	0.010	"	0.300	0.00723	102	70-130	0.674	30	
o-Xylene	0.152	0.0050	"	0.150	ND	101	70-130	4.81	30	
Surrogate: 1,2-Dichloroethane-d4	0.0537		"	0.0400		134	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0471		"	0.0400		118	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1904473 - EPA 3550A

Blank (1904473-BLK1)

Prepared: 04/30/19 Analyzed: 05/01/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1904473-BS1)

Prepared: 04/30/19 Analyzed: 05/01/19

C10-C28 (DRO) 507 50 mg/kg 500 101 70-130

Matrix Spike (1904473-MS1)

Source: 1904398-01

Prepared: 04/30/19 Analyzed: 05/01/19

C10-C28 (DRO) 790 50 mg/kg 500 206 117 70-130

Matrix Spike Dup (1904473-MSD1)

Source: 1904398-01

Prepared: 04/30/19 Analyzed: 05/01/19

C10-C28 (DRO) 808 50 mg/kg 500 206 120 70-130 2.15 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/01/19 18:50

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 02, 2019

Jennifer Galles

Talon/LPE

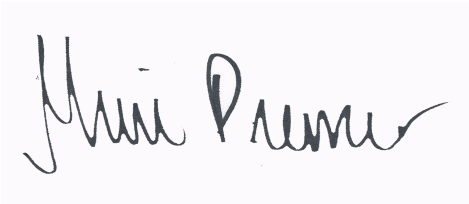
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/01/19 14:43. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-7@3'	1905002-01	Soil	05/01/19 12:35	05/01/19 14:43
SS-8@3'	1905002-02	Soil	05/01/19 12:38	05/01/19 14:43
SS-9@3'	1905002-03	Soil	05/01/19 12:40	05/01/19 14:43

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

S₂

1905002

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310

Page 1 of 1

Client: Talon-Bill to Whiting

Project Manager: Jennifer Galle

Address: 1811 East Mulberry St

E-Mail: jgalle@talonpc.com or leverton@talonpc.com

City/State/Zip: FT Collins, CO 80524

Phone: 970-818-5330

Project Name: Razor 27-I

Sampler Name: Jason Leverton & Levi Kirk

Project Number: 70530.054.06

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	BTEX	TPH							
1	SS-7@3'	5-1-19	12:35	1			X			X				X	X						
2	SS-8@3'	↓	12:38	↓			↓			↓				X	X						
3	SS-9@3'	↓	12:40	↓			↓			↓				X	X						
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: <u>Levi Kirk</u>	Date/Time: <u>5-1-19 14:43</u>	Received by: <u>[Signature]</u>	Date/Time: <u>5-1-19 1443</u>	Turn Around Time (Check)	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/>	
				24 hours <input checked="" type="checkbox"/>	
				48 hours <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
				Temperature Upon Receipt: <u>19.6</u>	
				Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	

Sample Receipt Checklist

S2 Work Order 1705002

Client: Talon / Whiting Client Project ID: Razor 27-I

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

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

Temp (°C)	<u>19.6</u>
-----------	-------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>RUSH</u>
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, H2SO4, NaOH, HNO3, ect	<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):

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

LP
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

5.1.19 1445
Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

SS-7@3'
1905002-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/01/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905021	05/01/19	05/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/01/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/01/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905022	05/01/19	05/01/19	EPA 8015M	

Date Sampled: **05/01/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		94.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

SS-8@3'
1905002-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/01/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0066	0.0020	mg/kg	1	1905021	05/01/19	05/01/19	EPA 8260B	
Toluene	0.075	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.093	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.34	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	16	0.50	"	"	"	"	"	"	

Date Sampled: **05/01/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		122 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.1 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/01/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	130	50	mg/kg	1	1905022	05/01/19	05/01/19	EPA 8015M	

Date Sampled: **05/01/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		97.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

SS-9@3'
1905002-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/01/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905021	05/01/19	05/01/19	EPA 8260B	
Toluene	0.021	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0069	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.021	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.3	0.50	"	"	"	"	"	"	

Date Sampled: **05/01/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/01/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905022	05/01/19	05/01/19	EPA 8015M	

Date Sampled: **05/01/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

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 1905021 - EPA 5030 Soil MS

Blank (1905021-BLK1)

Prepared: 05/01/19 Analyzed: 05/02/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0481		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

LCS (1905021-BS1)

Prepared: 05/01/19 Analyzed: 05/02/19

Benzene	0.0814	0.0020	mg/kg	0.100	81.4	70-130				
Toluene	0.0930	0.0050	"	0.100	93.0	70-130				
Ethylbenzene	0.106	0.0050	"	0.100	106	70-130				
m,p-Xylene	0.198	0.010	"	0.200	99.0	70-130				
o-Xylene	0.0974	0.0050	"	0.100	97.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.0484		"	0.0400	121	23-173				
Surrogate: Toluene-d8	0.0400		"	0.0400	100	20-170				
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400	102	21-167				

Matrix Spike (1905021-MS1)

Source: 1905001-01

Prepared: 05/01/19 Analyzed: 05/02/19

Benzene	0.110	0.0020	mg/kg	0.100	0.0117	98.2	70-130			
Toluene	0.122	0.0050	"	0.100	0.0322	89.5	70-130			
Ethylbenzene	0.105	0.0050	"	0.100	0.00324	102	70-130			
m,p-Xylene	0.198	0.010	"	0.200	0.0210	88.5	70-130			
o-Xylene	0.0974	0.0050	"	0.100	0.00483	92.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0489		"	0.0400	122	23-173				
Surrogate: Toluene-d8	0.0402		"	0.0400	101	20-170				
Surrogate: 4-Bromofluorobenzene	0.0411		"	0.0400	103	21-167				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

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 1905021 - EPA 5030 Soil MS

Matrix Spike Dup (1905021-MSD1)		Source: 1905001-01			Prepared: 05/01/19 Analyzed: 05/02/19					
Benzene	0.110	0.0020	mg/kg	0.100	0.0117	98.4	70-130	0.109	30	
Toluene	0.121	0.0050	"	0.100	0.0322	88.5	70-130	0.842	30	
Ethylbenzene	0.108	0.0050	"	0.100	0.00324	105	70-130	2.48	30	
m,p-Xylene	0.201	0.010	"	0.200	0.0210	90.0	70-130	1.58	30	
o-Xylene	0.0967	0.0050	"	0.100	0.00483	91.9	70-130	0.711	30	
Surrogate: 1,2-Dichloroethane-d4	0.0481		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0438		"	0.0400		109	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905022 - EPA 3550A

Blank (1905022-BLK1)

Prepared & Analyzed: 05/01/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905022-BS1)

Prepared & Analyzed: 05/01/19

C10-C28 (DRO) 588 50 mg/kg 500 118 70-130

Matrix Spike (1905022-MS1)

Source: 1905001-01

Prepared & Analyzed: 05/01/19

C10-C28 (DRO) 571 50 mg/kg 500 36.0 107 70-130

Matrix Spike Dup (1905022-MSD1)

Source: 1905001-01

Prepared & Analyzed: 05/01/19

C10-C28 (DRO) 569 50 mg/kg 500 36.0 107 70-130 0.455 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/02/19 10:16

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 05, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/02/19 16:17. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-10@5'	1905020-01	Soil	05/02/19 12:46	05/02/19 16:17
SS-11@3'	1905020-02	Soil	05/02/19 12:52	05/02/19 16:17

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

SS-10@5'
1905020-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/02/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0049	0.0020	mg/kg	1	1905039	05/02/19	05/03/19	EPA 8260B	
Toluene	0.016	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	69	1.0	"	100	"	"	05/03/19	"	
Gasoline Range Hydrocarbons	2300	50	"	"	"	"	"	"	

Date Sampled: **05/02/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	550 %	23-173	"	"	"	"	05/03/19	"	S-02
Surrogate: Toluene-d8	83.3 %	20-170	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	1730 %	21-167	"	"	"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/02/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	9400	50	mg/kg	1	1905030	05/02/19	05/02/19	EPA 8015M	

Date Sampled: **05/02/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	97.5 %	30-150	"	"	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

SS-11@3'
1905020-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/02/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905039	05/02/19	05/03/19	EPA 8260B	
Toluene	0.11	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.54	0.0050	"	"	"	"	"	"	
Xylenes (total)	16	1.0	"	100	"	"	05/03/19	"	
Gasoline Range Hydrocarbons	1100	50	"	"	"	"	"	"	

Date Sampled: **05/02/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	05/03/19	"	
Surrogate: Toluene-d8		82.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		1120 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/02/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	8300	50	mg/kg	1	1905030	05/02/19	05/02/19	EPA 8015M	

Date Sampled: **05/02/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

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 1905039 - EPA 5030 Soil MS

Blank (1905039-BLK1)

Prepared: 05/02/19 Analyzed: 05/03/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0460		"	0.0400		115	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

LCS (1905039-BS1)

Prepared: 05/02/19 Analyzed: 05/03/19

Benzene	0.0797	0.0020	mg/kg	0.100		79.7	70-130			
Toluene	0.0909	0.0050	"	0.100		90.9	70-130			
Ethylbenzene	0.105	0.0050	"	0.100		105	70-130			
m,p-Xylene	0.201	0.010	"	0.200		100	70-130			
o-Xylene	0.0985	0.0050	"	0.100		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0470		"	0.0400		118	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0411		"	0.0400		103	21-167			

Matrix Spike (1905039-MS1)

Source: 1905021-01

Prepared: 05/02/19 Analyzed: 05/03/19

Benzene	0.0790	0.0020	mg/kg	0.100	ND	79.0	70-130			
Toluene	0.0917	0.0050	"	0.100	ND	91.7	70-130			
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130			
m,p-Xylene	0.201	0.010	"	0.200	ND	101	70-130			
o-Xylene	0.0989	0.0050	"	0.100	ND	98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0474		"	0.0400		118	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

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 1905039 - EPA 5030 Soil MS

Matrix Spike Dup (1905039-MSD1)		Source: 1905021-01			Prepared: 05/02/19 Analyzed: 05/03/19					
Benzene	0.0808	0.0020	mg/kg	0.100	ND	80.8	70-130	2.18	30	
Toluene	0.0921	0.0050	"	0.100	ND	92.1	70-130	0.457	30	
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130	0.813	30	
m,p-Xylene	0.203	0.010	"	0.200	ND	102	70-130	0.978	30	
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130	1.53	30	
Surrogate: 1,2-Dichloroethane-d4	0.0478		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905030 - EPA 3550A

Blank (1905030-BLK1)

Prepared & Analyzed: 05/02/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905030-BS1)

Prepared & Analyzed: 05/02/19

C10-C28 (DRO) 473 50 mg/kg 500 94.7 70-130

Matrix Spike (1905030-MS1)

Source: 1905019-01

Prepared: 05/02/19 Analyzed: 05/03/19

C10-C28 (DRO) 460 50 mg/kg 500 21.8 87.6 70-130

Matrix Spike Dup (1905030-MSD1)

Source: 1905019-01

Prepared: 05/02/19 Analyzed: 05/03/19

C10-C28 (DRO) 457 50 mg/kg 500 21.8 87.1 70-130 0.551 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/05/19 11:51

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 06, 2019

Jennifer Galles

Talon/LPE

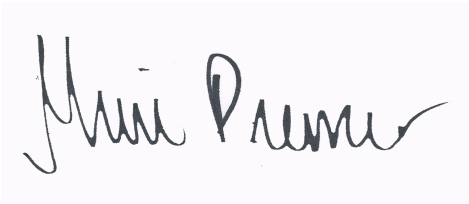
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27-I Crude Release

Enclosed are the results of analyses for samples received by Summit Scientific on 05/03/19 15:06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-12@7'	1905037-01	Soil	05/03/19 12:24	05/03/19 15:06

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

SS-12@7'
1905037-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/03/19 12:24**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.057	0.0020	mg/kg	1	1905058	05/03/19	05/05/19	EPA 8260B	
Toluene	6.9	0.50	"	100	"	"	"	"	
Ethylbenzene	10	0.50	"	"	"	"	"	"	
Xylenes (total)	38	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3200	50	"	"	"	"	"	"	

Date Sampled: **05/03/19 12:24**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.3 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		123 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/03/19 12:24**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	21000	50	mg/kg	1	1905060	05/03/19	05/04/19	EPA 8015M	

Date Sampled: **05/03/19 12:24**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		2030 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

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 1905058 - EPA 5030 Soil MS

Blank (1905058-BLK1)

Prepared: 05/03/19 Analyzed: 05/05/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0388		"	0.0400		97.0	23-173			
Surrogate: Toluene-d8	0.0348		"	0.0400		87.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

LCS (1905058-BS1)

Prepared: 05/03/19 Analyzed: 05/05/19

Benzene	0.0841	0.0020	mg/kg	0.100		84.1	70-130			
Toluene	0.0710	0.0050	"	0.100		71.0	70-130			
Ethylbenzene	0.0862	0.0050	"	0.100		86.2	70-130			
m,p-Xylene	0.164	0.010	"	0.200		82.2	70-130			
o-Xylene	0.0879	0.0050	"	0.100		87.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0377		"	0.0400		94.4	23-173			
Surrogate: Toluene-d8	0.0335		"	0.0400		83.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	21-167			

Matrix Spike (1905058-MS1)

Source: 1905038-04

Prepared: 05/03/19 Analyzed: 05/05/19

Benzene	0.0721	0.0020	mg/kg	0.100	ND	72.1	70-130			
Toluene	0.122	0.0050	"	0.100	ND	122	70-130			
Ethylbenzene	0.0712	0.0050	"	0.100	ND	71.2	70-130			
m,p-Xylene	0.200	0.010	"	0.200	ND	99.9	70-130			
o-Xylene	0.0749	0.0050	"	0.100	ND	74.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0408		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0344		"	0.0400		86.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

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 1905058 - EPA 5030 Soil MS

Matrix Spike Dup (1905058-MSD1)		Source: 1905038-04			Prepared: 05/03/19 Analyzed: 05/05/19					
Benzene	0.0701	0.0020	mg/kg	0.100	ND	70.1	70-130	2.78	30	
Toluene	0.119	0.0050	"	0.100	ND	119	70-130	1.99	30	
Ethylbenzene	0.0947	0.0050	"	0.100	ND	94.7	70-130	28.3	30	
m,p-Xylene	0.191	0.010	"	0.200	ND	95.5	70-130	4.51	30	
o-Xylene	0.0725	0.0050	"	0.100	ND	72.5	70-130	3.30	30	
Surrogate: 1,2-Dichloroethane-d4	0.0399		"	0.0400		99.8	23-173			
Surrogate: Toluene-d8	0.0344		"	0.0400		85.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905060 - EPA 3550A

Blank (1905060-BLK1)

Prepared & Analyzed: 05/03/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905060-BS1)

Prepared & Analyzed: 05/03/19

C10-C28 (DRO) 516 50 mg/kg 500 103 70-130

Matrix Spike (1905060-MS1)

Source: 1905036-02

Prepared & Analyzed: 05/03/19

C10-C28 (DRO) 504 50 mg/kg 500 42.7 92.3 70-130

Matrix Spike Dup (1905060-MSD1)

Source: 1905036-02

Prepared & Analyzed: 05/03/19

C10-C28 (DRO) 509 50 mg/kg 500 42.7 93.2 70-130 0.869 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27-I Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/06/19 10:17

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 08, 2019

Jennifer Galles

Talon/LPE

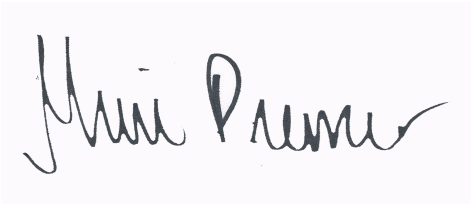
1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 21 CPB

Enclosed are the results of analyses for samples received by Summit Scientific on 05/07/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background 1@0'	1905069-01	Soil	05/07/19 11:33	05/07/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Background 1@0'
1905069-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905100	05/07/19	05/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905102	05/07/19	05/07/19	EPA 8015M	

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	1040	11.6	mg/kg dry	1	1905095	05/07/19	05/07/19	EPA 6020B	
Magnesium	2280	5.81	"	"	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Background 1@0'
1905069-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Sodium	1080	5.81	mg/kg dry	1	1905095	05/07/19	05/07/19	EPA 6020B
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Calculated Analysis

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.99	0.100	units	1	1905122	05/08/19	05/08/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.1		%	1	1905104	05/08/19	05/08/19	Calculation	
pH	8.75		pH Units	"	1905097	05/07/19	05/07/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/07/19 11:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.978	0.0100	mmhos/cm	1	1905099	05/07/19	05/07/19	EPA 120.1	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

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 1905100 - EPA 5030 Soil MS

Blank (1905100-BLK1)

Prepared: 05/07/19 Analyzed: 05/08/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0457		"	0.0400		114	23-173			
Surrogate: Toluene-d8	0.0351		"	0.0400		87.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0320		"	0.0400		80.1	21-167			

LCS (1905100-BS1)

Prepared: 05/07/19 Analyzed: 05/08/19

Benzene	0.0756	0.0020	mg/kg	0.100		75.6	70-130			
Toluene	0.0916	0.0050	"	0.100		91.6	70-130			
Ethylbenzene	0.0961	0.0050	"	0.100		96.1	70-130			
m,p-Xylene	0.246	0.010	"	0.200		123	70-130			
o-Xylene	0.0862	0.0050	"	0.100		86.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0461		"	0.0400		115	23-173			
Surrogate: Toluene-d8	0.0348		"	0.0400		86.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0332		"	0.0400		83.1	21-167			

Matrix Spike (1905100-MS1)

Source: 1905071-04

Prepared: 05/07/19 Analyzed: 05/08/19

Benzene	0.0762	0.0020	mg/kg	0.100	ND	76.2	70-130			
Toluene	0.0927	0.0050	"	0.100	ND	92.7	70-130			
Ethylbenzene	0.0951	0.0050	"	0.100	ND	95.1	70-130			
m,p-Xylene	0.244	0.010	"	0.200	ND	122	70-130			
o-Xylene	0.0867	0.0050	"	0.100	ND	86.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0506		"	0.0400		127	23-173			
Surrogate: Toluene-d8	0.0355		"	0.0400		88.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0335		"	0.0400		83.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

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 1905100 - EPA 5030 Soil MS

Matrix Spike Dup (1905100-MSD1)		Source: 1905071-04			Prepared: 05/07/19 Analyzed: 05/08/19					
Benzene	0.0752	0.0020	mg/kg	0.100	ND	75.2	70-130	1.39	30	
Toluene	0.0913	0.0050	"	0.100	ND	91.3	70-130	1.57	30	
Ethylbenzene	0.0951	0.0050	"	0.100	ND	95.1	70-130	0.00	30	
m,p-Xylene	0.246	0.010	"	0.200	ND	123	70-130	0.894	30	
o-Xylene	0.0886	0.0050	"	0.100	ND	88.6	70-130	2.12	30	
Surrogate: 1,2-Dichloroethane-d4	0.0485		"	0.0400		121	23-173			
Surrogate: Toluene-d8	0.0347		"	0.0400		86.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0342		"	0.0400		85.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905102 - EPA 3550A

Blank (1905102-BLK1)

Prepared: 05/07/19 Analyzed: 05/08/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905102-BS1)

Prepared: 05/07/19 Analyzed: 05/08/19

C10-C28 (DRO) 521 50 mg/kg 500 104 70-130

Matrix Spike (1905102-MS1)

Source: 1905069-01

Prepared: 05/07/19 Analyzed: 05/08/19

C10-C28 (DRO) 497 50 mg/kg 500 47.1 89.9 70-130

Matrix Spike Dup (1905102-MSD1)

Source: 1905069-01

Prepared: 05/07/19 Analyzed: 05/08/19

C10-C28 (DRO) 505 50 mg/kg 500 47.1 91.5 70-130 1.63 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

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

Batch 1905095 - General Preparation

Blank (1905095-BLK1)

Prepared & Analyzed: 05/07/19

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

LCS (1905095-BS1)

Prepared & Analyzed: 05/07/19

Calcium	530	10.0	mg/kg wet	500	106	70-130
Magnesium	561	5.00	"	500	112	70-130
Sodium	525	5.00	"	500	105	70-130

Duplicate (1905095-DUP1)

Source: 1905042-01

Prepared & Analyzed: 05/07/19

Calcium	2130	11.3	mg/kg dry	2140	0.0653	20
Magnesium	985	5.65	"	1060	7.59	20
Sodium	606	5.65	"	571	6.00	20

Matrix Spike (1905095-MS1)

Source: 1905042-01

Prepared & Analyzed: 05/07/19

Calcium	2610	11.3	mg/kg dry	565	2140	84.1	70-130
Magnesium	1640	5.65	"	565	1060	102	70-130
Sodium	1270	5.65	"	565	571	124	70-130

Matrix Spike Dup (1905095-MSD1)

Source: 1905042-01

Prepared & Analyzed: 05/07/19

Calcium	2630	11.3	mg/kg dry	565	2140	86.8	70-130	0.587	25
Magnesium	1470	5.65	"	565	1060	72.7	70-130	10.7	25
Sodium	1100	5.65	"	565	571	93.0	70-130	15.0	25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 1905097 - General Preparation

LCS (1905097-BS1)

Prepared & Analyzed: 05/07/19

pH	9.39	pH Units	9.23	102	95-105
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Duplicate (1905097-DUP1)

Source: 1905069-01

Prepared & Analyzed: 05/07/19

pH	9.48	pH Units	8.75	8.01	20
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Batch 1905104 - General Preparation

Duplicate (1905104-DUP1)

Source: 1905042-01

Prepared & Analyzed: 05/08/19

% Solids	88.5	%	88.5	0.00	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Specific Conductance by EPA Method 120.1 - Quality Control
Summit Scientific

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

Batch 1905099 - General Preparation

Blank (1905099-BLK1)

Prepared & Analyzed: 05/07/19

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (1905099-BS1)

Prepared & Analyzed: 05/07/19

Specific Conductance (EC) 0.779 0.0100 mmhos/cm 0.750 104 90-110

Duplicate (1905099-DUP1)

Source: 1905069-01

Prepared & Analyzed: 05/07/19

Specific Conductance (EC) 0.598 0.0100 mmhos/cm 0.978 48.3 20 QM-01

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/08/19 16:42

Notes and Definitions

QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 10, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 05/09/19 15:37. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-14@5'	1905104-01	Soil	05/09/19 12:40	05/09/19 15:37
SS-14@10'	1905104-02	Soil	05/09/19 12:50	05/09/19 15:37
SS-15@3'	1905104-03	Soil	05/09/19 13:05	05/09/19 15:37

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

SS-14@5'
1905104-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/09/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905132	05/09/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/09/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/09/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905131	05/09/19	05/09/19	EPA 8015M	

Date Sampled: **05/09/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

SS-14@10'
1905104-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/09/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905132	05/09/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/09/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/09/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905131	05/09/19	05/09/19	EPA 8015M	

Date Sampled: **05/09/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

SS-15@3'
1905104-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/09/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905132	05/09/19	05/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/09/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/09/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905131	05/09/19	05/10/19	EPA 8015M	

Date Sampled: **05/09/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

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 1905132 - EPA 5030 Soil MS

Blank (1905132-BLK1)

Prepared & Analyzed: 05/09/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0406		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.3	21-167			

LCS (1905132-BS1)

Prepared & Analyzed: 05/09/19

Benzene	0.0880	0.0020	mg/kg	0.100		88.0	70-130			
Toluene	0.0972	0.0050	"	0.100		97.2	70-130			
Ethylbenzene	0.110	0.0050	"	0.100		110	70-130			
m,p-Xylene	0.214	0.010	"	0.200		107	70-130			
o-Xylene	0.102	0.0050	"	0.100		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.6	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

Matrix Spike (1905132-MS1)

Source: 1905102-01

Prepared & Analyzed: 05/09/19

Benzene	0.0874	0.0020	mg/kg	0.100	ND	87.4	70-130			
Toluene	0.0958	0.0050	"	0.100	ND	95.8	70-130			
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130			
m,p-Xylene	0.216	0.010	"	0.200	ND	108	70-130			
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0415		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

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 1905132 - EPA 5030 Soil MS

Matrix Spike Dup (1905132-MSD1)	Source: 1905102-01			Prepared & Analyzed: 05/09/19						
Benzene	0.0882	0.0020	mg/kg	0.100	ND	88.2	70-130	0.923	30	
Toluene	0.0966	0.0050	"	0.100	ND	96.6	70-130	0.873	30	
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130	0.787	30	
m,p-Xylene	0.214	0.010	"	0.200	ND	107	70-130	0.642	30	
o-Xylene	0.102	0.0050	"	0.100	ND	102	70-130	1.38	30	
Surrogate: 1,2-Dichloroethane-d4	0.0420		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905131 - EPA 3550A

Blank (1905131-BLK1)

Prepared & Analyzed: 05/09/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905131-BS1)

Prepared & Analyzed: 05/09/19

C10-C28 (DRO) 517 50 mg/kg 500 103 70-130

Matrix Spike (1905131-MS1)

Source: 1905105-01

Prepared & Analyzed: 05/09/19

C10-C28 (DRO) 469 50 mg/kg 500 11.9 91.5 70-130

Matrix Spike Dup (1905131-MSD1)

Source: 1905105-01

Prepared & Analyzed: 05/09/19

C10-C28 (DRO) 481 50 mg/kg 500 11.9 93.8 70-130 2.37 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/10/19 12:19

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 13, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 21 CPB

Work Order # 1905119

Enclosed are the results of analyses for samples received by Summit Scientific on 05/10/19 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 read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/13/19 11:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-13@0'	1905119-01	Soil	05/10/19 14:35	05/10/19 17:10
SS-14@0'	1905119-02	Soil	05/10/19 14:40	05/10/19 17:10
SS-15@0'	1905119-03	Soil	05/10/19 14:45	05/10/19 17:10
SS-16@0'	1905119-04	Soil	05/10/19 14:50	05/10/19 17:10
SS-4@0.5'	1905119-05	Soil	05/10/19 14:55	05/10/19 17:10

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/13/19 11:32

SS-13@0'
1905119-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/10/19	EPA 8015M	

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		94.7 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	8770	11.5	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B	
Magnesium	683	5.75	"	"	"	"	"	"	

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Project: Razor 21 CPB
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Project Manager: Jason Leverton

Reported:
05/13/19 11:32

SS-13@0'
1905119-01 (Soil)

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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Sodium	1140	5.75	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B
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Calculated Analysis

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.16	0.100	units	1	1905167	05/13/19	05/13/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.9		%	1	1905144	05/10/19	05/13/19	Calculation	
pH	9.34		pH Units	"	1905161	05/10/19	05/10/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/10/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.68	0.0100	mmhos/cm	1	1905160	05/10/19	05/10/19	EPA 120.1	

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Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/13/19 11:32

SS-14@0'
1905119-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		121 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/10/19	EPA 8015M	

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.0 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	2080	18.2	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B	
Magnesium	579	9.10	"	"	"	"	"	"	
Sodium	3570	9.10	"	"	"	"	"	"	

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Project Manager: Jason Leverton

Reported:
05/13/19 11:32

SS-14@0'
1905119-02 (Soil)

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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Calculated Analysis

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	17.8	0.100	units	1	1905167	05/13/19	05/13/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	54.9		%	1	1905144	05/10/19	05/13/19	Calculation	
pH	9.64		pH Units	"	1905161	05/10/19	05/10/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/10/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.48	0.0100	mmhos/cm	1	1905160	05/10/19	05/10/19	EPA 120.1	

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Project Manager: Jason Leverton

Reported:
05/13/19 11:32

SS-15@0'
1905119-03 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/10/19	EPA 8015M	

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	7760	14.1	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B	
Magnesium	452	7.03	"	"	"	"	"	"	
Sodium	2710	7.03	"	"	"	"	"	"	

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05/13/19 11:32

SS-15@0'
1905119-03 (Soil)

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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Calculated Analysis

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	8.09	0.100	units	1	1905167	05/13/19	05/13/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	71.2		%	1	1905144	05/10/19	05/13/19	Calculation	
pH	9.00		pH Units	"	1905161	05/10/19	05/10/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/10/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.20	0.0100	mmhos/cm	1	1905160	05/10/19	05/10/19	EPA 120.1	

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Fort Collins CO, 80525

Project: Razor 21 CPB
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Reported:
05/13/19 11:32

SS-16@0'
1905119-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/10/19	EPA 8015M	

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	8060	12.0	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B	
Magnesium	534	5.99	"	"	"	"	"	"	
Sodium	367	5.99	"	"	"	"	"	"	

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Reported:
05/13/19 11:32

SS-16@0'
1905119-04 (Soil)

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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Calculated Analysis

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.07	0.100	units	1	1905167	05/13/19	05/13/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	83.5		%	1	1905144	05/10/19	05/13/19	Calculation	
pH	8.82		pH Units	"	1905161	05/10/19	05/10/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/10/19 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.904	0.0100	mmhos/cm	1	1905160	05/10/19	05/10/19	EPA 120.1	

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Project: Razor 21 CPB
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Reported:
05/13/19 11:32

SS-4@0.5'
1905119-05 (Soil)

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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/10/19 14:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	5900	11.3	mg/kg dry	1	1905159	05/10/19	05/10/19	EPA 6020B	
Magnesium	635	5.63	"	"	"	"	"	"	
Sodium	266	5.63	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **05/10/19 14:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.879	0.100	units	1	1905167	05/13/19	05/13/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/10/19 14:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	88.8		%	1	1905144	05/10/19	05/13/19	Calculation	
pH	9.58		pH Units	"	1905161	05/10/19	05/10/19	EPA 9045D	

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Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/13/19 11:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 1905149 - EPA 5030 Soil MS

Blank (1905149-BLK1)

Prepared & Analyzed: 05/10/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0401		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	21-167			

LCS (1905149-BS1)

Prepared & Analyzed: 05/10/19

Benzene	0.0864	0.0020	mg/kg	0.100		86.4	70-130			
Toluene	0.0955	0.0050	"	0.100		95.5	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.209	0.010	"	0.200		104	70-130			
o-Xylene	0.0996	0.0050	"	0.100		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0416		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1905149-MS1)

Source: 1905077-01

Prepared & Analyzed: 05/10/19

Benzene	0.0856	0.0020	mg/kg	0.100	ND	85.6	70-130			
Toluene	0.0967	0.0050	"	0.100	ND	96.7	70-130			
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130			
m,p-Xylene	0.213	0.010	"	0.200	ND	106	70-130			
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

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Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/13/19 11:32

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 1905149 - EPA 5030 Soil MS

Matrix Spike Dup (1905149-MSD1)		Source: 1905077-01			Prepared & Analyzed: 05/10/19					
Benzene	0.0868	0.0020	mg/kg	0.100	ND	86.8	70-130	1.39	30	
Toluene	0.0967	0.0050	"	0.100	ND	96.7	70-130	0.0310	30	
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130	0.792	30	
m,p-Xylene	0.213	0.010	"	0.200	ND	107	70-130	0.253	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	0.0291	30	
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

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Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/13/19 11:32

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905157 - EPA 3550A

Blank (1905157-BLK1)

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905157-BS1)

Prepared & Analyzed: 05/10/19

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

Matrix Spike (1905157-MS1)

Source: 1905114-01

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) 496 50 mg/kg 500 18.8 95.4 70-130

Matrix Spike Dup (1905157-MSD1)

Source: 1905114-01

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) 500 50 mg/kg 500 18.8 96.3 70-130 0.903 20

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Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/13/19 11:32

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

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

Batch 1905159 - General Preparation

Blank (1905159-BLK1)

Prepared & Analyzed: 05/10/19

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

LCS (1905159-BS1)

Prepared & Analyzed: 05/10/19

Calcium	503	10.0	mg/kg wet	500	101	70-130
Magnesium	587	5.00	"	500	117	70-130
Sodium	574	5.00	"	500	115	70-130

Duplicate (1905159-DUP1)

Source: 1905119-01

Prepared & Analyzed: 05/10/19

Calcium	7870	11.5	mg/kg dry	8770	10.8	20
Magnesium	675	5.75	"	683	1.17	20
Sodium	1110	5.75	"	1140	2.17	20

Matrix Spike (1905159-MS1)

Source: 1905119-01

Prepared & Analyzed: 05/10/19

Calcium	9190	11.5	mg/kg dry	575	8770	73.0	70-130
Magnesium	1230	5.75	"	575	683	94.5	70-130
Sodium	1750	5.75	"	575	1140	107	70-130

Matrix Spike Dup (1905159-MSD1)

Source: 1905119-01

Prepared & Analyzed: 05/10/19

Calcium	9450	11.5	mg/kg dry	575	8770	118	70-130	2.77	25
Magnesium	1240	5.75	"	575	683	97.2	70-130	1.25	25
Sodium	1730	5.75	"	575	1140	103	70-130	1.43	25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/13/19 11:32

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

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

Batch 1905144 - General Preparation

Duplicate (1905144-DUP1)		Source: 1905078-01			Prepared & Analyzed: 05/10/19					
% Solids	91.0		%		90.9			0.108	20	

Batch 1905161 - General Preparation

LCS (1905161-BS1)		Prepared & Analyzed: 05/10/19								
pH	9.36		pH Units	9.23		101	95-105			
Duplicate (1905161-DUP1)		Source: 1905119-01			Prepared & Analyzed: 05/10/19					
pH	9.49		pH Units		9.34			1.59	20	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/13/19 11:32

Specific Conductance by EPA Method 120.1 - Quality Control

Summit Scientific

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

Batch 1905160 - General Preparation

Blank (1905160-BLK1)

Prepared & Analyzed: 05/10/19

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (1905160-BS1)

Prepared & Analyzed: 05/10/19

Specific Conductance (EC) 0.806 0.0100 mmhos/cm 0.750 107 90-110

Duplicate (1905160-DUP1)

Source: 1905119-01

Prepared & Analyzed: 05/10/19

Specific Conductance (EC) 1.88 0.0100 mmhos/cm 1.68 10.9 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/13/19 11:32

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 13, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1905120

Enclosed are the results of analyses for samples received by Summit Scientific on 05/10/19 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 read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
05/13/19 09:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-13@10'	1905120-01	Soil	05/10/19 15:15	05/10/19 17:10
SS-13@8'	1905120-02	Soil	05/10/19 15:17	05/10/19 17:10
SS-13@6'	1905120-03	Soil	05/10/19 15:19	05/10/19 17:10
SS-13@4'	1905120-04	Soil	05/10/19 15:21	05/10/19 17:10
SS-13@2'	1905120-05	Soil	05/10/19 15:33	05/10/19 17:10
SS-16@10'	1905120-06	Soil	05/10/19 15:45	05/10/19 17:10

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-13@10'
1905120-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	0.0060	0.0020		mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **05/10/19 15:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		107 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %		21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		101 %		30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-13@8'
1905120-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 15:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:17**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-13@6'
1905120-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:19**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 15:19**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:19**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:19**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-13@4'
1905120-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:21**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 15:21**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:21**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:21**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-13@2'
1905120-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 15:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

SS-16@10'
1905120-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/10/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.018	0.0020	mg/kg	1	1905149	05/10/19	05/11/19	EPA 8260B	
Toluene	0.022	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.015	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/10/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/10/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905157	05/10/19	05/11/19	EPA 8015M	

Date Sampled: **05/10/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

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 1905149 - EPA 5030 Soil MS

Blank (1905149-BLK1)

Prepared & Analyzed: 05/10/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0401		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	21-167			

LCS (1905149-BS1)

Prepared & Analyzed: 05/10/19

Benzene	0.0864	0.0020	mg/kg	0.100		86.4	70-130			
Toluene	0.0955	0.0050	"	0.100		95.5	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.209	0.010	"	0.200		104	70-130			
o-Xylene	0.0996	0.0050	"	0.100		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0416		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1905149-MS1)

Source: 1905077-01

Prepared & Analyzed: 05/10/19

Benzene	0.0856	0.0020	mg/kg	0.100	ND	85.6	70-130			
Toluene	0.0967	0.0050	"	0.100	ND	96.7	70-130			
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130			
m,p-Xylene	0.213	0.010	"	0.200	ND	106	70-130			
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

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 1905149 - EPA 5030 Soil MS

Matrix Spike Dup (1905149-MSD1)		Source: 1905077-01			Prepared & Analyzed: 05/10/19					
Benzene	0.0868	0.0020	mg/kg	0.100	ND	86.8	70-130	1.39	30	
Toluene	0.0967	0.0050	"	0.100	ND	96.7	70-130	0.0310	30	
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130	0.792	30	
m,p-Xylene	0.213	0.010	"	0.200	ND	107	70-130	0.253	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	0.0291	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905157 - EPA 3550A

Blank (1905157-BLK1)

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905157-BS1)

Prepared & Analyzed: 05/10/19

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

Matrix Spike (1905157-MS1)

Source: 1905114-01

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) 496 50 mg/kg 500 18.8 95.4 70-130

Matrix Spike Dup (1905157-MSD1)

Source: 1905114-01

Prepared & Analyzed: 05/10/19

C10-C28 (DRO) 500 50 mg/kg 500 18.8 96.3 70-130 0.903 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/13/19 09:41

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 14, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

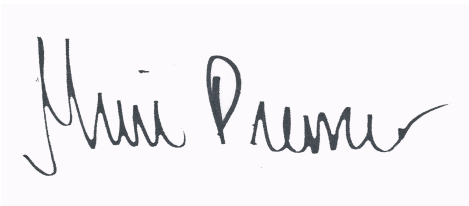
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1905133

Enclosed are the results of analyses for samples received by Summit Scientific on 05/13/19 16:52. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-16@2'	1905133-01	Soil	05/13/19 14:16	05/13/19 16:52
SS-16@4'	1905133-02	Soil	05/13/19 14:13	05/13/19 16:52
SS-16@6'	1905133-03	Soil	05/13/19 14:11	05/13/19 16:52
SS-16@8'	1905133-04	Soil	05/13/19 14:09	05/13/19 16:52
SS-17@2'	1905133-05	Soil	05/13/19 13:55	05/13/19 16:52
SS-17@4'	1905133-06	Soil	05/13/19 13:50	05/13/19 16:52
SS-17@6'	1905133-07	Soil	05/13/19 13:45	05/13/19 16:52
SS-17@8'	1905133-08	Soil	05/13/19 13:40	05/13/19 16:52
SS-17@10'	1905133-09	Soil	05/13/19 13:35	05/13/19 16:52

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

1905133

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Talon/LPE - BILL TO WHITING
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jason Leverton & Levi Kirk

Project Manager: Jason Leverton
E-Mail: jgalles@talonlpe.com and jleverton@talonlpe.com
Project Name: Razor 27I
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH	pH											
SS-16@2'	5/13/2019	14:16:00	1			x			x				x	x	x										
SS-16@4'	5/13/2019	14:13:00	1			x			x				x	x	x										
SS-16@6'	5/13/2019	14:11:00	1			x			x				x	x	x										
SS-16@8'	5/13/2019	14:09:00	1			x			x				x	x	x										
SS-17@2'	5/13/2019	13:55:00	1			x			x				x	x	x										
SS-17@4'	5/13/2019	13:50:00	1			x			x				x	x	x										
SS-17@6'	5/13/2019	13:45:00	1			x			x				x	x	x										
SS-17@8'	5/13/2019	13:40:00	1			x			x				x	x	x										
SS-17@10'	5/13/2019	13:35:00	1			x			x				x	x	x										
Relinquished by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Received by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>																	
Relinquished by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Received by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Sample Integrity: 1.3.																	
Relinquished by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Received in Lab by: <i>[Signature]</i> Date/Time: 5-13-19 16:52				Temperature Upon Receipt: 1.3. Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	

Sample Receipt Checklist

S2 Work Order 1905133

Client: Talon Client Project ID: Razor 271

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

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

Temp (°C)	<u>1.3</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples with holding times due within 48 hours sample due within 48 hours present?	X			24 TAT
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?				
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			X	
Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	
Additional Comments (if any):				

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

Custodian Printed Name or Initials

Signature of Custodian

Date/Time



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-16@2'
1905133-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 14:16**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 14:16**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 14:16**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 14:16**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		95.1 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 14:16**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.03		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-16@4'
1905133-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 14:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 14:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 14:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 14:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.3 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 14:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.16		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-16@6'
1905133-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.3 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.26		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-16@8'
1905133-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 14:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 14:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 14:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 14:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.2 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 14:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.41		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-17@2'
1905133-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 13:55**

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		99.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.0 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.53		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-17@4'
1905133-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.76	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	79	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.4 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
pH	8.59		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-17@6'
1905133-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.96	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	79	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.6 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
pH	8.54		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-17@8'
1905133-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.96	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.4 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
pH	8.68		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

SS-17@10'
1905133-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.068	0.0020	mg/kg	1	1905181	05/13/19	05/14/19	EPA 8260B	
Toluene	0.32	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.17	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.59	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	21	0.50	"	"	"	"	"	"	

Date Sampled: **05/13/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		116 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/13/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	270	50	mg/kg	1	1905183	05/13/19	05/13/19	EPA 8015M	

Date Sampled: **05/13/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		92.0 %	30-150		"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
pH	8.75		pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

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 1905181 - EPA 5030 Soil MS

Blank (1905181-BLK1)

Prepared & Analyzed: 05/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0400		95.7	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1905181-BS1)

Prepared & Analyzed: 05/13/19

Benzene	0.161	0.0020	mg/kg	0.150		107	70-130			
Toluene	0.177	0.0050	"	0.150		118	70-130			
Ethylbenzene	0.172	0.0050	"	0.150		115	70-130			
m,p-Xylene	0.329	0.010	"	0.300		110	70-130			
o-Xylene	0.159	0.0050	"	0.150		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1905181-MS1)

Source: 1905133-01

Prepared: 05/13/19 Analyzed: 05/14/19

Benzene	0.155	0.0020	mg/kg	0.150	ND	104	70-130			
Toluene	0.169	0.0050	"	0.150	ND	113	70-130			
Ethylbenzene	0.176	0.0050	"	0.150	ND	117	70-130			
m,p-Xylene	0.347	0.010	"	0.300	ND	116	70-130			
o-Xylene	0.173	0.0050	"	0.150	ND	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0414		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

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 1905181 - EPA 5030 Soil MS

Matrix Spike Dup (1905181-MSD1)		Source: 1905133-01			Prepared: 05/13/19 Analyzed: 05/14/19					
Benzene	0.130	0.0020	mg/kg	0.150	ND	86.4	70-130	18.2	30	
Toluene	0.138	0.0050	"	0.150	ND	92.2	70-130	20.2	30	
Ethylbenzene	0.143	0.0050	"	0.150	ND	95.5	70-130	20.3	30	
m,p-Xylene	0.282	0.010	"	0.300	ND	94.0	70-130	20.6	30	
o-Xylene	0.138	0.0050	"	0.150	ND	91.7	70-130	23.1	30	
Surrogate: 1,2-Dichloroethane-d4	0.0411		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0408		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905183 - EPA 3550A

Blank (1905183-BLK1)

Prepared: 05/13/19 Analyzed: 05/14/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905183-BS1)

Prepared: 05/13/19 Analyzed: 05/14/19

C10-C28 (DRO) 497 50 mg/kg 500 99.3 70-130

Matrix Spike (1905183-MS1)

Source: 1905133-01

Prepared: 05/13/19 Analyzed: 05/14/19

C10-C28 (DRO) 513 50 mg/kg 500 13.6 99.8 70-130

Matrix Spike Dup (1905183-MSD1)

Source: 1905133-01

Prepared: 05/13/19 Analyzed: 05/14/19

C10-C28 (DRO) 546 50 mg/kg 500 13.6 106 70-130 6.25 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
05/14/19 17:31

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 1905178 - General Preparation

LCS (1905178-BS1)

Prepared: 05/13/19 Analyzed: 05/14/19

pH	9.41	pH Units	9.23	102	95-105
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Duplicate (1905178-DUP1)

Source: 1905134-01

Prepared: 05/13/19 Analyzed: 05/14/19

pH	9.17	pH Units	9.09	0.876	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
05/14/19 17:31

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 14, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 21 CPB

Work Order # 1905134

Enclosed are the results of analyses for samples received by Summit Scientific on 05/13/19 16:52. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/14/19 17:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1@2.5	1905134-01	Soil	05/13/19 12:45	05/13/19 16:52
SS-2@0.5'	1905134-02	Soil	05/13/19 12:50	05/13/19 16:52
SS-5@1.5'	1905134-03	Soil	05/13/19 13:00	05/13/19 16:52
SS-6@0.5'	1905134-04	Soil	05/13/19 13:07	05/13/19 16:52
SS-11@1.5'	1905134-05	Soil	05/13/19 13:14	05/13/19 16:52

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

SS-1@2.5
1905134-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 12:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	9.09			pH Units	1	1905178	05/13/19	05/14/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/13/19 12:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.758	0.0100		mmhos/cm	1	1905177	05/13/19	05/14/19	EPA 120.1	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

SS-2@0.5'
1905134-02 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/13/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	2060	10.7	mg/kg dry	1	1905176	05/13/19	05/13/19	EPA 6020B	
Magnesium	327	5.33	"	"	"	"	"	"	
Sodium	362	5.33	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **05/13/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	1.96	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.9		%	1	1905179	05/13/19	05/14/19	Calculation	
pH	9.68		pH Units	"	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

SS-5@1.5'
1905134-03 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/13/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	3190	11.5	mg/kg dry	1	1905176	05/13/19	05/13/19	EPA 6020B	
Magnesium	301	5.74	"	"	"	"	"	"	
Sodium	2060	5.74	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **05/13/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	9.34	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.2		%	1	1905179	05/13/19	05/14/19	Calculation	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/13/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	3.46	0.0100	mmhos/cm	1	1905177	05/13/19	05/14/19	EPA 120.1	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

SS-6@0.5'
1905134-04 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/13/19 13:07**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	7100	11.4	mg/kg dry	1	1905176	05/13/19	05/13/19	EPA 6020B	
Magnesium	642	5.72	"	"	"	"	"	"	
Sodium	963	5.72	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **05/13/19 13:07**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	2.94	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:07**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.4		%	1	1905179	05/13/19	05/14/19	Calculation	
pH	9.49		pH Units	"	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

SS-11@1.5'
1905134-05 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/13/19 13:14**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	4050	11.9	mg/kg dry	1	1905176	05/13/19	05/13/19	EPA 6020B	
Magnesium	342	5.94	"	"	"	"	"	"	
Sodium	1060	5.94	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **05/13/19 13:14**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	4.30	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/13/19 13:14**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	84.1		%	1	1905179	05/13/19	05/14/19	Calculation	
pH	10.0		pH Units	"	1905178	05/13/19	05/14/19	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/14/19 17:14

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

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

Batch 1905176 - General Preparation

Blank (1905176-BLK1)

Prepared & Analyzed: 05/13/19

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

LCS (1905176-BS1)

Prepared & Analyzed: 05/13/19

Calcium	476	10.0	mg/kg wet	500	95.1	70-130
Magnesium	397	5.00	"	500	79.3	70-130
Sodium	433	5.00	"	500	86.6	70-130

Duplicate (1905176-DUP1)

Source: 1905115-07

Prepared & Analyzed: 05/13/19

Calcium	226	10.0	mg/kg wet	212	6.19	20
Magnesium	280	5.00	"	297	5.62	20
Sodium	55.6	5.00	"	55.1	0.906	20

Matrix Spike (1905176-MS1)

Source: 1905115-07

Prepared & Analyzed: 05/13/19

Calcium	690	10.0	mg/kg wet	500	212	95.6	70-130
Magnesium	925	5.00	"	500	297	126	70-130
Sodium	698	5.00	"	500	55.1	129	70-130

Matrix Spike Dup (1905176-MSD1)

Source: 1905115-07

Prepared & Analyzed: 05/13/19

Calcium	626	10.0	mg/kg wet	500	212	82.7	70-130	9.82	25
Magnesium	902	5.00	"	500	297	121	70-130	2.49	25
Sodium	628	5.00	"	500	55.1	115	70-130	10.5	25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jason Leverton

Reported:
05/14/19 17:14

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 1905178 - General Preparation

LCS (1905178-BS1)

Prepared: 05/13/19 Analyzed: 05/14/19

pH	9.41	pH Units	9.23	102	95-105
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Duplicate (1905178-DUP1)

Source: 1905134-01

Prepared: 05/13/19 Analyzed: 05/14/19

pH	9.17	pH Units	9.09	0.876	20
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Batch 1905179 - General Preparation

Duplicate (1905179-DUP1)

Source: 1905134-02

Prepared: 05/13/19 Analyzed: 05/14/19

% Solids	92.0	%	93.9	1.96	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

Specific Conductance by EPA Method 120.1 - Quality Control
Summit Scientific

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

Batch 1905177 - General Preparation

Blank (1905177-BLK1)

Prepared: 05/13/19 Analyzed: 05/14/19

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (1905177-BS1)

Prepared: 05/13/19 Analyzed: 05/14/19

Specific Conductance (EC) 0.762 0.0100 mmhos/cm 0.750 102 90-110

Duplicate (1905177-DUP1)

Source: 1905134-01

Prepared: 05/13/19 Analyzed: 05/14/19

Specific Conductance (EC) 0.789 0.0100 mmhos/cm 0.758 3.94 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jason Leverton

Reported:
05/14/19 17:14

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 15, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1905144

Enclosed are the results of analyses for samples received by Summit Scientific on 05/14/19 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1	1905144-01	Soil	05/14/19 13:00	05/14/19 17:00
SP-2	1905144-02	Soil	05/14/19 13:05	05/14/19 17:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

SP-1
1905144-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/14/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905192	05/14/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/14/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/14/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905193	05/14/19	05/14/19	EPA 8015M	

Date Sampled: **05/14/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		99.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

SP-2
1905144-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/14/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905192	05/14/19	05/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/14/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/14/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905193	05/14/19	05/14/19	EPA 8015M	

Date Sampled: **05/14/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

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 1905192 - EPA 5030 Soil MS

Blank (1905192-BLK1)

Prepared & Analyzed: 05/14/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

LCS (1905192-BS1)

Prepared & Analyzed: 05/14/19

Benzene	0.0875	0.0020	mg/kg	0.100		87.5	70-130			
Toluene	0.0973	0.0050	"	0.100		97.3	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.207	0.010	"	0.200		104	70-130			
o-Xylene	0.101	0.0050	"	0.100		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0418		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

Matrix Spike (1905192-MS1)

Source: 1905145-01

Prepared & Analyzed: 05/14/19

Benzene	0.0861	0.0020	mg/kg	0.100	ND	86.1	70-130			
Toluene	0.0944	0.0050	"	0.100	ND	94.4	70-130			
Ethylbenzene	0.107	0.0050	"	0.100	ND	107	70-130			
m,p-Xylene	0.207	0.010	"	0.200	ND	104	70-130			
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0480		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

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 1905192 - EPA 5030 Soil MS

Matrix Spike Dup (1905192-MSD1)		Source: 1905145-01			Prepared & Analyzed: 05/14/19					
Benzene	0.0870	0.0020	mg/kg	0.100	ND	87.0	70-130	0.971	30	
Toluene	0.0984	0.0050	"	0.100	ND	98.4	70-130	4.20	30	
Ethylbenzene	0.105	0.0050	"	0.100	ND	105	70-130	1.84	30	
m,p-Xylene	0.209	0.010	"	0.200	ND	104	70-130	0.562	30	
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130	0.269	30	
Surrogate: 1,2-Dichloroethane-d4	0.0490		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0426		"	0.0400		107	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905193 - EPA 3550A

Blank (1905193-BLK1)

Prepared & Analyzed: 05/14/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905193-BS1)

Prepared & Analyzed: 05/14/19

C10-C28 (DRO) 522 50 mg/kg 500 104 70-130

Matrix Spike (1905193-MS1)

Source: 1905144-01

Prepared & Analyzed: 05/14/19

C10-C28 (DRO) 601 50 mg/kg 500 26.7 115 70-130

Matrix Spike Dup (1905193-MSD1)

Source: 1905144-01

Prepared & Analyzed: 05/14/19

C10-C28 (DRO) 577 50 mg/kg 500 26.7 110 70-130 4.07 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
05/15/19 06:55

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 17, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 21 CPB

Work Order # 1905186

Enclosed are the results of analyses for samples received by Summit Scientific on 05/16/19 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-17@0'	1905186-01	Soil	05/16/19 12:40	05/16/19 15:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

SS-17@0'
1905186-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905232	05/16/19	05/16/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1905233	05/16/19	05/16/19	EPA 8015M	

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		98.4 %	30-150		"	"	"	"	

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	13100	12.5	mg/kg dry	1	1905226	05/16/19	05/16/19	EPA 6020B	
Magnesium	679	6.25	"	"	"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

SS-17@0'
1905186-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Sodium	1560	6.25	mg/kg dry	1	1905226	05/16/19	05/16/19	EPA 6020B
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Calculated Analysis

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.60	0.100	units	1	1905236	05/17/19	05/17/19	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	80.0		%	1	1905214	05/16/19	05/17/19	Calculation	
pH	9.42		pH Units	"	1905215	05/16/19	05/16/19	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: **05/16/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.58	0.0100	mmhos/cm	1	1905216	05/16/19	05/16/19	EPA 120.1	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1905232 - EPA 5030 Soil MS

Blank (1905232-BLK1)

Prepared & Analyzed: 05/16/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0451		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0446		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

LCS (1905232-BS1)

Prepared & Analyzed: 05/16/19

Benzene	0.127	0.0020	mg/kg	0.150		84.5	70-130			
Toluene	0.132	0.0050	"	0.150		88.2	70-130			
Ethylbenzene	0.138	0.0050	"	0.150		91.9	70-130			
m,p-Xylene	0.277	0.010	"	0.300		92.2	70-130			
o-Xylene	0.132	0.0050	"	0.150		87.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.2	21-167			

Matrix Spike (1905232-MS1)

Source: 1905181-01

Prepared & Analyzed: 05/16/19

Benzene	0.130	0.0020	mg/kg	0.150	ND	86.9	70-130			
Toluene	0.133	0.0050	"	0.150	ND	88.9	70-130			
Ethylbenzene	0.142	0.0050	"	0.150	ND	94.9	70-130			
m,p-Xylene	0.279	0.010	"	0.300	ND	93.1	70-130			
o-Xylene	0.136	0.0050	"	0.150	ND	90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0411		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

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 1905232 - EPA 5030 Soil MS

Matrix Spike Dup (1905232-MSD1)		Source: 1905181-01			Prepared & Analyzed: 05/16/19					
Benzene	0.131	0.0020	mg/kg	0.150	ND	87.3	70-130	0.505	30	
Toluene	0.136	0.0050	"	0.150	ND	91.0	70-130	2.31	30	
Ethylbenzene	0.142	0.0050	"	0.150	ND	95.0	70-130	0.0842	30	
m,p-Xylene	0.282	0.010	"	0.300	ND	94.1	70-130	1.04	30	
o-Xylene	0.135	0.0050	"	0.150	ND	90.3	70-130	0.243	30	
Surrogate: 1,2-Dichloroethane-d4	0.0415		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905233 - EPA 3550A

Blank (1905233-BLK1)

Prepared & Analyzed: 05/16/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905233-BS1)

Prepared & Analyzed: 05/16/19

C10-C28 (DRO) 506 50 mg/kg 500 101 70-130

Matrix Spike (1905233-MS1)

Source: 1905181-01

Prepared & Analyzed: 05/16/19

C10-C28 (DRO) 479 50 mg/kg 500 23.9 91.0 70-130

Matrix Spike Dup (1905233-MSD1)

Source: 1905181-01

Prepared: 05/16/19 Analyzed: 05/17/19

C10-C28 (DRO) 468 50 mg/kg 500 23.9 88.7 70-130 2.39 20

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

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

Batch 1905226 - General Preparation

Blank (1905226-BLK1)

Prepared & Analyzed: 05/16/19

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

LCS (1905226-BS1)

Prepared & Analyzed: 05/16/19

Calcium	436	10.0	mg/kg wet	500	87.3	70-130
Magnesium	470	5.00	"	500	94.0	70-130
Sodium	439	5.00	"	500	87.8	70-130

Duplicate (1905226-DUP1)

Source: 1905150-12

Prepared & Analyzed: 05/16/19

Calcium	1520	10.9	mg/kg dry	1630	6.71	20
Magnesium	234	5.46	"	247	5.44	20
Sodium	51.5	5.46	"	55.1	6.63	20

Matrix Spike (1905226-MS1)

Source: 1905150-12

Prepared & Analyzed: 05/16/19

Calcium	2090	10.9	mg/kg dry	546	1630	85.1	70-130
Magnesium	662	5.46	"	546	247	76.0	70-130
Sodium	493	5.46	"	546	55.1	80.1	70-130

Matrix Spike Dup (1905226-MSD1)

Source: 1905150-12

Prepared & Analyzed: 05/16/19

Calcium	2090	10.9	mg/kg dry	546	1630	84.4	70-130	0.192	25
Magnesium	683	5.46	"	546	247	79.8	70-130	3.02	25
Sodium	517	5.46	"	546	55.1	84.6	70-130	4.85	25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch 1905214 - General Preparation

Duplicate (1905214-DUP1)

Source: 1905163-01

Prepared & Analyzed: 05/16/19

% Solids	94.5	%		94.6		0.103	20
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Batch 1905215 - General Preparation

LCS (1905215-BS1)

Prepared & Analyzed: 05/16/19

pH	9.42	pH Units	9.23	102	95-105
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Duplicate (1905215-DUP1)

Source: 1905115-07

Prepared & Analyzed: 05/16/19

pH	8.58	pH Units	8.72	1.62	20
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Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB

Project Number: 701530.130.03

Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

Specific Conductance by EPA Method 120.1 - Quality Control

Summit Scientific

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

Batch 1905216 - General Preparation

Blank (1905216-BLK1)

Prepared & Analyzed: 05/16/19

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (1905216-BS1)

Prepared & Analyzed: 05/16/19

Specific Conductance (EC) 0.769 0.0100 mmhos/cm 0.750 103 90-110

Duplicate (1905216-DUP1)

Source: 1905115-07

Prepared & Analyzed: 05/16/19

Specific Conductance (EC) 0.378 0.0100 mmhos/cm 0.324 15.5 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 21 CPB
Project Number: 701530.130.03
Project Manager: Jennifer Galles

Reported:
05/17/19 06:19

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 28, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1905263

Enclosed are the results of analyses for samples received by Summit Scientific on 05/23/19 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-18@10'	1905263-01	Soil	05/23/19 12:35	05/23/19 15:20
SS-19@10'	1905263-02	Soil	05/23/19 12:40	05/23/19 15:20
SS-20@12'	1905263-03	Soil	05/23/19 12:45	05/23/19 15:20
SS-21@13'	1905263-04	Soil	05/23/19 12:50	05/23/19 15:20
SS-22@13'	1905263-05	Soil	05/23/19 12:55	05/23/19 15:20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

SS-18@10'
1905263-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/23/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.14	0.0020	mg/kg	1	1905324	05/23/19	05/24/19	EPA 8260B	
Toluene	2.9	0.50	"	100	"	"	"	"	
Ethylbenzene	7.1	0.50	"	"	"	"	"	"	
Xylenes (total)	27	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1900	50	"	"	"	"	"	"	

Date Sampled: **05/23/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		131 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/23/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	6300	50	mg/kg	1	1905323	05/23/19	05/24/19	EPA 8015M	

Date Sampled: **05/23/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		45.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

SS-19@10'
1905263-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/23/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.79	0.20	mg/kg	100	1905324	05/23/19	05/24/19	EPA 8260B	
Toluene	10	0.50	"	"	"	"	"	"	
Ethylbenzene	17	0.50	"	"	"	"	"	"	
Xylenes (total)	65	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3100	50	"	"	"	"	"	"	

Date Sampled: **05/23/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.2 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		147 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/23/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	9400	50	mg/kg	1	1905323	05/23/19	05/24/19	EPA 8015M	

Date Sampled: **05/23/19 12:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		64.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

SS-20@12'
1905263-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/23/19 12:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	4.5	0.20	mg/kg	100	1905324	05/23/19	05/24/19	EPA 8260B	
Toluene	36	0.50	"	"	"	"	"	"	
Ethylbenzene	29	0.50	"	"	"	"	"	"	
Xylenes (total)	85	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2600	50	"	"	"	"	"	"	

Date Sampled: **05/23/19 12:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		143 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/23/19 12:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	7400	50	mg/kg	1	1905323	05/23/19	05/24/19	EPA 8015M	

Date Sampled: **05/23/19 12:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		67.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

SS-21@13'
1905263-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/23/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	3.4	0.20	mg/kg	100	1905324	05/23/19	05/24/19	EPA 8260B	
Toluene	31	0.50	"	"	"	"	"	"	
Ethylbenzene	23	0.50	"	"	"	"	"	"	
Xylenes (total)	83	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2600	50	"	"	"	"	"	"	

Date Sampled: **05/23/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.1 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		146 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/23/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	10000	50	mg/kg	1	1905323	05/23/19	05/24/19	EPA 8015M	

Date Sampled: **05/23/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		123 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

SS-22@13'
1905263-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/23/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	1.1	0.20	mg/kg	100	1905324	05/23/19	05/24/19	EPA 8260B	
Toluene	18	0.50	"	"	"	"	"	"	
Ethylbenzene	17	0.50	"	"	"	"	"	"	
Xylenes (total)	56	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1800	50	"	"	"	"	"	"	

Date Sampled: **05/23/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		133 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/23/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	3500	50	mg/kg	1	1905323	05/23/19	05/24/19	EPA 8015M	

Date Sampled: **05/23/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		151 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

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 1905324 - EPA 5030 Soil MS

Blank (1905324-BLK1)

Prepared & Analyzed: 05/23/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0388		"	0.0400		97.0	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		99.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

LCS (1905324-BS1)

Prepared: 05/23/19 Analyzed: 05/24/19

Benzene	0.0982	0.0020	mg/kg	0.100		98.2	70-130			
Toluene	0.105	0.0050	"	0.100		105	70-130			
Ethylbenzene	0.116	0.0050	"	0.100		116	70-130			
m,p-Xylene	0.227	0.010	"	0.200		113	70-130			
o-Xylene	0.105	0.0050	"	0.100		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0394		"	0.0400		98.6	23-173			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

Matrix Spike (1905324-MS1)

Source: 1905265-01

Prepared: 05/23/19 Analyzed: 05/24/19

Benzene	0.0995	0.0020	mg/kg	0.100	ND	99.5	70-130			
Toluene	0.106	0.0050	"	0.100	ND	106	70-130			
Ethylbenzene	0.114	0.0050	"	0.100	0.0134	100	70-130			
m,p-Xylene	0.314	0.010	"	0.200	0.166	74.4	70-130			
o-Xylene	0.108	0.0050	"	0.100	0.00537	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0423		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0477		"	0.0400		119	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

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 1905324 - EPA 5030 Soil MS

Matrix Spike Dup (1905324-MSD1)		Source: 1905265-01			Prepared: 05/23/19 Analyzed: 05/24/19					
Benzene	0.101	0.0020	mg/kg	0.100	ND	101	70-130	1.50	30	
Toluene	0.108	0.0050	"	0.100	ND	108	70-130	1.49	30	
Ethylbenzene	0.114	0.0050	"	0.100	0.0134	100	70-130	0.290	30	
m,p-Xylene	0.310	0.010	"	0.200	0.166	72.4	70-130	1.31	30	
o-Xylene	0.110	0.0050	"	0.100	0.00537	105	70-130	2.09	30	
Surrogate: 1,2-Dichloroethane-d4	0.0458		"	0.0400		114	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0488		"	0.0400		122	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905323 - EPA 3550A

Blank (1905323-BLK1)

Prepared & Analyzed: 05/23/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905323-BS1)

Prepared: 05/23/19 Analyzed: 05/24/19

C10-C28 (DRO) 545 50 mg/kg 500 109 70-130

Matrix Spike (1905323-MS1)

Source: 1905262-01

Prepared: 05/23/19 Analyzed: 05/24/19

C10-C28 (DRO) 679 50 mg/kg 500 95.3 117 70-130

Matrix Spike Dup (1905323-MSD1)

Source: 1905262-01

Prepared: 05/23/19 Analyzed: 05/24/19

C10-C28 (DRO) 689 50 mg/kg 500 95.3 119 70-130 1.51 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
05/28/19 07:10

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 03, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1905337

Enclosed are the results of analyses for samples received by Summit Scientific on 05/31/19 18:23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-23@13'	1905337-01	Soil	05/31/19 14:20	05/31/19 18:23
SS-24@13'	1905337-02	Soil	05/31/19 14:30	05/31/19 18:23
SS-25@12'	1905337-03	Soil	05/31/19 14:35	05/31/19 18:23
SS-26@12'	1905337-04	Soil	05/31/19 14:45	05/31/19 18:23

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

SS-23@13'
1905337-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	2.6	0.20	mg/kg	100	1905437	05/31/19	05/31/19	EPA 8260B	
Toluene	17	0.50	"	"	"	"	"	"	
Ethylbenzene	12	0.50	"	"	"	"	"	"	
Xylenes (total)	35	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1400	50	"	"	"	"	"	"	

Date Sampled: **05/31/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		566 %	23-173		"	"	06/01/19	"	S-02
<i>Surrogate: Toluene-d8</i>		2220 %	20-170		"	"	"	"	S-02
<i>Surrogate: 4-Bromofluorobenzene</i>		1700 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2300	50	mg/kg	1	1905436	05/31/19	06/01/19	EPA 8015M	

Date Sampled: **05/31/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		126 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

SS-24@13'
1905337-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.020	mg/kg	10	1905437	05/31/19	05/31/19	EPA 8260B	
Toluene	ND	0.050	"	"	"	"	"	"	
Ethylbenzene	ND	0.050	"	"	"	"	"	"	
Xylenes (total)	ND	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.7	5.0	"	"	"	"	"	"	

Date Sampled: **05/31/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905436	05/31/19	06/01/19	EPA 8015M	

Date Sampled: **05/31/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

SS-25@12'
1905337-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.20	0.0020	mg/kg	1	1905437	05/31/19	06/01/19	EPA 8260B	
Toluene	0.13	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.52	0.0050	"	"	"	"	"	"	
Xylenes (total)	6.0	1.0	"	100	"	"	05/31/19	"	
Gasoline Range Hydrocarbons	260	50	"	"	"	"	"	"	

Date Sampled: **05/31/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		136 %	23-173		"	"	06/01/19	"	
<i>Surrogate: Toluene-d8</i>		87.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		336 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1800	50	mg/kg	1	1905436	05/31/19	06/01/19	EPA 8015M	

Date Sampled: **05/31/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		124 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

SS-26@12'
1905337-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/31/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.025	0.0020	mg/kg	1	1905437	05/31/19	06/01/19	EPA 8260B	
Toluene	0.020	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.062	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.3	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	180	50	"	100	"	"	05/31/19	"	

Date Sampled: **05/31/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	23-173		"	"	06/01/19	"	
<i>Surrogate: Toluene-d8</i>		94.1 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		190 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/31/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	690	50	mg/kg	1	1905436	05/31/19	06/01/19	EPA 8015M	

Date Sampled: **05/31/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		104 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

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 1905437 - EPA 5030 Soil MS

Blank (1905437-BLK1)

Prepared: 05/31/19 Analyzed: 06/01/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0400		95.0	23-173			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

LCS (1905437-BS1)

Prepared: 05/31/19 Analyzed: 06/01/19

Benzene	0.0957	0.0020	mg/kg	0.100		95.7	70-130			
Toluene	0.103	0.0050	"	0.100		103	70-130			
Ethylbenzene	0.113	0.0050	"	0.100		113	70-130			
m,p-Xylene	0.220	0.010	"	0.200		110	70-130			
o-Xylene	0.104	0.0050	"	0.100		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0376		"	0.0400		94.1	23-173			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		105	21-167			

Matrix Spike (1905437-MS1)

Source: 1905336-01

Prepared: 05/31/19 Analyzed: 06/01/19

Benzene	0.0964	0.0020	mg/kg	0.100	ND	96.4	70-130			
Toluene	0.105	0.0050	"	0.100	0.00405	101	70-130			
Ethylbenzene	0.113	0.0050	"	0.100	0.00432	109	70-130			
m,p-Xylene	0.219	0.010	"	0.200	0.00903	105	70-130			
o-Xylene	0.105	0.0050	"	0.100	0.00468	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0425		"	0.0400		106	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

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 1905437 - EPA 5030 Soil MS

Matrix Spike Dup (1905437-MSD1)		Source: 1905336-01			Prepared: 05/31/19 Analyzed: 06/01/19					
Benzene	0.0975	0.0020	mg/kg	0.100	ND	97.5	70-130	1.21	30	
Toluene	0.106	0.0050	"	0.100	0.00405	102	70-130	0.856	30	
Ethylbenzene	0.118	0.0050	"	0.100	0.00432	113	70-130	3.76	30	
m,p-Xylene	0.226	0.010	"	0.200	0.00903	109	70-130	3.11	30	
o-Xylene	0.108	0.0050	"	0.100	0.00468	104	70-130	2.75	30	
Surrogate: 1,2-Dichloroethane-d4	0.0396		"	0.0400		99.0	23-173			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0444		"	0.0400		111	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1905436 - EPA 3550A

Blank (1905436-BLK1)

Prepared & Analyzed: 05/31/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1905436-BS1)

Prepared & Analyzed: 05/31/19

C10-C28 (DRO) 593 50 mg/kg 500 119 70-130

Matrix Spike (1905436-MS1)

Source: 1905336-01

Prepared & Analyzed: 05/31/19

C10-C28 (DRO) 639 50 mg/kg 500 80.9 112 70-130

Matrix Spike Dup (1905436-MSD1)

Source: 1905336-01

Prepared & Analyzed: 05/31/19

C10-C28 (DRO) 612 50 mg/kg 500 80.9 106 70-130 4.30 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
06/03/19 06:21

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 04, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

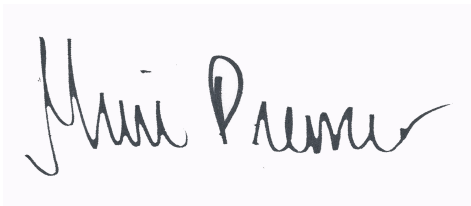
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1906006

Enclosed are the results of analyses for samples received by Summit Scientific on 06/03/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-27@13'	1906006-01	Soil	06/03/19 13:30	06/03/19 16:00
SS-28@16.5'	1906006-02	Soil	06/03/19 13:45	06/03/19 16:00
SS-29@16.5'	1906006-03	Soil	06/03/19 14:00	06/03/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

SS-27@13'
1906006-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.14	0.0020	mg/kg	1	1906002	06/03/19	06/04/19	EPA 8260B	
Toluene	0.84	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.50	0.0050	"	"	"	"	"	"	
Xylenes (total)	17	1.0	"	100	"	"	06/04/19	"	
Gasoline Range Hydrocarbons	850	50	"	"	"	"	"	"	

Date Sampled: **06/03/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		168 %	23-173		"	"	06/04/19	"	
Surrogate: Toluene-d8		89.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		388 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1100	50	mg/kg	1	1906003	06/03/19	06/03/19	EPA 8015M	

Date Sampled: **06/03/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		151 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

SS-28@16.5'
1906006-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/19 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.60	0.20	mg/kg	100	1906002	06/03/19	06/04/19	EPA 8260B	
Toluene	0.22	0.0050	"	1	"	"	06/04/19	"	
Ethylbenzene	4.5	0.50	"	100	"	"	06/04/19	"	
Xylenes (total)	11	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	440	50	"	"	"	"	"	"	

Date Sampled: **06/03/19 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		149 %	23-173		"	"	06/04/19	"	
<i>Surrogate: Toluene-d8</i>		94.1 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		194 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/19 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2300	50	mg/kg	1	1906003	06/03/19	06/03/19	EPA 8015M	

Date Sampled: **06/03/19 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		157 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

SS-29@16.5'
1906006-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.10	0.0020	mg/kg	1	1906002	06/03/19	06/04/19	EPA 8260B	
Toluene	0.28	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.50	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.3	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	55	0.50	"	"	"	"	"	"	

Date Sampled: **06/03/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.5 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		158 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	320	50	mg/kg	1	1906003	06/03/19	06/03/19	EPA 8015M	

Date Sampled: **06/03/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		123 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

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 1906002 - EPA 5030 Soil MS

Blank (1906002-BLK1)

Prepared: 06/03/19 Analyzed: 06/04/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

LCS (1906002-BS1)

Prepared: 06/03/19 Analyzed: 06/04/19

Benzene	0.0938	0.0020	mg/kg	0.100		93.8	70-130			
Toluene	0.103	0.0050	"	0.100		103	70-130			
Ethylbenzene	0.108	0.0050	"	0.100		108	70-130			
m,p-Xylene	0.214	0.010	"	0.200		107	70-130			
o-Xylene	0.100	0.0050	"	0.100		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0394		"	0.0400		98.6	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1906002-MS1)

Source: 1905350-01

Prepared: 06/03/19 Analyzed: 06/04/19

Benzene	0.0940	0.0020	mg/kg	0.100	ND	94.0	70-130			
Toluene	0.104	0.0050	"	0.100	ND	104	70-130			
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130			
m,p-Xylene	0.222	0.010	"	0.200	ND	111	70-130			
o-Xylene	0.105	0.0050	"	0.100	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0418		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0409		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

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 1906002 - EPA 5030 Soil MS

Matrix Spike Dup (1906002-MSD1)		Source: 1905350-01			Prepared: 06/03/19 Analyzed: 06/04/19					
Benzene	0.0954	0.0020	mg/kg	0.100	ND	95.4	70-130	1.46	30	
Toluene	0.103	0.0050	"	0.100	ND	103	70-130	0.983	30	
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130	0.214	30	
m,p-Xylene	0.221	0.010	"	0.200	ND	111	70-130	0.230	30	
o-Xylene	0.105	0.0050	"	0.100	ND	105	70-130	0.0284	30	
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1906003 - EPA 3550A

Blank (1906003-BLK1)

Prepared & Analyzed: 06/03/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1906003-BS1)

Prepared & Analyzed: 06/03/19

C10-C28 (DRO) 525 50 mg/kg 500 105 70-130

Matrix Spike (1906003-MS1)

Source: 1906002-01

Prepared & Analyzed: 06/03/19

C10-C28 (DRO) 470 50 mg/kg 500 44.3 85.2 70-130

Matrix Spike Dup (1906003-MSD1)

Source: 1906002-01

Prepared & Analyzed: 06/03/19

C10-C28 (DRO) 478 50 mg/kg 500 44.3 86.8 70-130 1.63 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jason Leverton

Reported:
06/04/19 15:43

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 05, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1906023

Enclosed are the results of analyses for samples received by Summit Scientific on 06/04/19 17:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jason Leverton

Reported:
06/05/19 18:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-30@15'	1906023-01	Soil	06/04/19 13:30	06/04/19 17:20
SS-31@14'	1906023-02	Soil	06/04/19 13:50	06/04/19 17:20
SS-32@16'	1906023-03	Soil	06/04/19 14:05	06/04/19 17:20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

SS-30@15'
1906023-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/04/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.59	0.20	mg/kg	100	1906026	06/04/19	06/05/19	EPA 8260B	
Toluene	2.7	0.50	"	"	"	"	"	"	
Ethylbenzene	3.9	0.50	"	"	"	"	"	"	
Xylenes (total)	11	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	610	50	"	"	"	"	"	"	

Date Sampled: **06/04/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		86.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/04/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1300	50	mg/kg	1	1906027	06/04/19	06/05/19	EPA 8015M	

Date Sampled: **06/04/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

SS-31@14'
1906023-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/04/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	2.8	0.20	mg/kg	100	1906026	06/04/19	06/05/19	EPA 8260B	
Toluene	36	0.50	"	"	"	"	"	"	
Ethylbenzene	39	0.50	"	"	"	"	"	"	
Xylenes (total)	120	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4500	50	"	"	"	"	"	"	

Date Sampled: **06/04/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		86.5 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		177 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/04/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	19000	50	mg/kg	1	1906027	06/04/19	06/05/19	EPA 8015M	

Date Sampled: **06/04/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		277 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

SS-32@16'
1906023-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/04/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.20	mg/kg	100	1906026	06/04/19	06/05/19	EPA 8260B	
Toluene	0.98	0.50	"	"	"	"	"	"	
Ethylbenzene	1.7	0.50	"	"	"	"	"	"	
Xylenes (total)	5.6	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	610	50	"	"	"	"	"	"	

Date Sampled: **06/04/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		84.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/04/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	3100	50	mg/kg	1	1906027	06/04/19	06/05/19	EPA 8015M	

Date Sampled: **06/04/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		136 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

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 1906026 - EPA 5030 Soil MS

Blank (1906026-BLK1)

Prepared: 06/04/19 Analyzed: 06/05/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.5	23-173			
Surrogate: Toluene-d8	0.0446		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

LCS (1906026-BS1)

Prepared: 06/04/19 Analyzed: 06/05/19

Benzene	0.0970	0.0020	mg/kg	0.100		97.0	70-130			
Toluene	0.105	0.0050	"	0.100		105	70-130			
Ethylbenzene	0.114	0.0050	"	0.100		114	70-130			
m,p-Xylene	0.225	0.010	"	0.200		113	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400		107	21-167			

Matrix Spike (1906026-MS1)

Source: 1906020-01

Prepared: 06/04/19 Analyzed: 06/05/19

Benzene	0.104	0.0020	mg/kg	0.100	ND	104	70-130			
Toluene	0.108	0.0050	"	0.100	ND	108	70-130			
Ethylbenzene	0.114	0.0050	"	0.100	ND	114	70-130			
m,p-Xylene	0.228	0.010	"	0.200	ND	114	70-130			
o-Xylene	0.105	0.0050	"	0.100	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0521		"	0.0400		130	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

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 1906026 - EPA 5030 Soil MS

Matrix Spike Dup (1906026-MSD1)		Source: 1906020-01			Prepared: 06/04/19 Analyzed: 06/05/19					
Benzene	0.0945	0.0020	mg/kg	0.100	ND	94.5	70-130	9.70	30	
Toluene	0.102	0.0050	"	0.100	ND	102	70-130	5.77	30	
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130	2.70	30	
m,p-Xylene	0.218	0.010	"	0.200	ND	109	70-130	4.88	30	
o-Xylene	0.105	0.0050	"	0.100	ND	105	70-130	0.172	30	
Surrogate: 1,2-Dichloroethane-d4	0.0423		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1906027 - EPA 3550A

Blank (1906027-BLK1)

Prepared: 06/04/19 Analyzed: 06/05/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1906027-BS1)

Prepared: 06/04/19 Analyzed: 06/05/19

C10-C28 (DRO) 583 50 mg/kg 500 117 70-130

Matrix Spike (1906027-MS1)

Source: 1906020-01

Prepared: 06/04/19 Analyzed: 06/05/19

C10-C28 (DRO) 556 50 mg/kg 500 12.5 109 70-130

Matrix Spike Dup (1906027-MSD1)

Source: 1906020-01

Prepared: 06/04/19 Analyzed: 06/05/19

C10-C28 (DRO) 570 50 mg/kg 500 12.5 112 70-130 2.57 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jason Leverton

Reported:
06/05/19 18:28

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 19, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I Crude Spill

Work Order # 1906155

Enclosed are the results of analyses for samples received by Summit Scientific on 06/12/19 15:58. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-3	1906155-01	Soil	06/12/19 12:35	06/12/19 15:58
SP-4	1906155-02	Soil	06/12/19 12:40	06/12/19 15:58
SP-5	1906155-03	Soil	06/12/19 12:45	06/12/19 15:58
SP-6	1906155-04	Soil	06/12/19 12:50	06/12/19 15:58

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

SP-3
1906155-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/12/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1906169	06/14/19	06/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/12/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/12/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	70	50	mg/kg	1	1906170	06/13/19	06/14/19	EPA 8015M	

Date Sampled: **06/12/19 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		79.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

SP-4
1906155-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/12/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906169	06/14/19	06/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/12/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/12/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	66	50	mg/kg	1	1906170	06/13/19	06/14/19	EPA 8015M	

Date Sampled: **06/12/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		78.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

SP-5
1906155-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/12/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906169	06/14/19	06/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/12/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/12/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906170	06/13/19	06/14/19	EPA 8015M	

Date Sampled: **06/12/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		81.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

SP-6
1906155-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/12/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906169	06/14/19	06/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/12/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/12/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906170	06/13/19	06/14/19	EPA 8015M	

Date Sampled: **06/12/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		65.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

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 1906169 - EPA 5030 Soil MS

Blank (1906169-BLK1)

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	21-167			

LCS (1906169-BS1)

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	0.0958	0.0020	mg/kg	0.100		95.8	70-130			
Toluene	0.0938	0.0050	"	0.100		93.8	70-130			
Ethylbenzene	0.110	0.0050	"	0.100		110	70-130			
m,p-Xylene	0.213	0.010	"	0.200		106	70-130			
o-Xylene	0.102	0.0050	"	0.100		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		103	21-167			

Matrix Spike (1906169-MS1)

Source: 1906144-01

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	0.100	0.0020	mg/kg	0.100	ND	100	70-130			
Toluene	0.103	0.0050	"	0.100	ND	103	70-130			
Ethylbenzene	0.116	0.0050	"	0.100	ND	116	70-130			
m,p-Xylene	0.224	0.010	"	0.200	ND	112	70-130			
o-Xylene	0.108	0.0050	"	0.100	ND	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0425		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0390		"	0.0400		97.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

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 1906169 - EPA 5030 Soil MS

Matrix Spike Dup (1906169-MSD1)		Source: 1906144-01			Prepared: 06/14/19 Analyzed: 06/15/19					
Benzene	0.106	0.0020	mg/kg	0.100	ND	106	70-130	6.10	30	
Toluene	0.101	0.0050	"	0.100	ND	101	70-130	1.97	30	
Ethylbenzene	0.116	0.0050	"	0.100	ND	116	70-130	0.388	30	
m,p-Xylene	0.241	0.010	"	0.200	ND	121	70-130	7.53	30	
o-Xylene	0.116	0.0050	"	0.100	ND	116	70-130	7.40	30	
Surrogate: 1,2-Dichloroethane-d4	0.0456		"	0.0400		114	23-173			
Surrogate: Toluene-d8	0.0378		"	0.0400		94.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0349		"	0.0400		87.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/19/19 09:04

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1906170 - EPA 3550A

Blank (1906170-BLK1)

Prepared & Analyzed: 06/13/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1906170-BS1)

Prepared: 06/13/19 Analyzed: 06/14/19

C10-C28 (DRO) 459 50 mg/kg 500 91.9 70-130

Matrix Spike (1906170-MS1)

Source: 1906133-01

Prepared: 06/13/19 Analyzed: 06/14/19

C10-C28 (DRO) 506 50 mg/kg 500 30.5 95.1 70-130

Matrix Spike Dup (1906170-MSD1)

Source: 1906133-01

Prepared: 06/13/19 Analyzed: 06/14/19

C10-C28 (DRO) 501 50 mg/kg 500 30.5 94.2 70-130 0.860 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude Spill

Project Number: 702051.054.06
Project Manager: Jason Leverton

Reported:
06/19/19 09:04

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 16, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I Crude Spill

Work Order # 1906186

Enclosed are the results of analyses for samples received by Summit Scientific on 06/14/19 15:49. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude Spill

Project Number: 702051.054.06
Project Manager: Jason Leverton

Reported:
06/16/19 11:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-33@16'	1906186-01	Soil	06/14/19 12:50	06/14/19 15:49

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/16/19 11:35

SS-33@16'
1906186-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/14/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	3.2	0.20	mg/kg	100	1906205	06/14/19	06/15/19	EPA 8260B	
Toluene	46	0.50	"	"	"	"	"	"	
Ethylbenzene	110	5.0	"	1000	"	"	"	"	
Xylenes (total)	330	10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	19000	500	"	"	"	"	"	"	

Date Sampled: **06/14/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		90.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		77.6 %	20-170		"	"	06/15/19	"	
Surrogate: 4-Bromofluorobenzene		355 %	21-167		"	"	06/15/19	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/14/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	32000	50	mg/kg	1	1906206	06/14/19	06/15/19	EPA 8015M	E

Date Sampled: **06/14/19 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		509 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/16/19 11:35

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 1906205 - EPA 5030 Soil MS

Blank (1906205-BLK1)

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0392		"	0.0400		98.1	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

LCS (1906205-BS1)

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	0.0963	0.0020	mg/kg	0.100		96.3	70-130			
Toluene	0.103	0.0050	"	0.100		103	70-130			
Ethylbenzene	0.107	0.0050	"	0.100		107	70-130			
m,p-Xylene	0.208	0.010	"	0.200		104	70-130			
o-Xylene	0.0911	0.0050	"	0.100		91.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0400		95.8	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0338		"	0.0400		84.4	21-167			

Matrix Spike (1906205-MS1)

Source: 1906188-16

Prepared: 06/14/19 Analyzed: 06/15/19

Benzene	0.164	0.0020	mg/kg	0.100	ND	164	70-130			QM-07
Toluene	0.100	0.0050	"	0.100	ND	100	70-130			
Ethylbenzene	0.152	0.0050	"	0.100	ND	152	70-130			QM-07
m,p-Xylene	0.318	0.010	"	0.200	0.0265	146	70-130			QM-07
o-Xylene	0.183	0.0050	"	0.100	ND	183	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.00654		"	0.0400		16.4	23-173			S-02
Surrogate: Toluene-d8	0.0390		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0120		"	0.0400		29.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/16/19 11:35

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 1906205 - EPA 5030 Soil MS

Matrix Spike Dup (1906205-MSD1)		Source: 1906188-16			Prepared: 06/14/19 Analyzed: 06/15/19					
Benzene	0.0972	0.0020	mg/kg	0.100	ND	97.2	70-130	51.1	30	QM-07
Toluene	0.104	0.0050	"	0.100	ND	104	70-130	3.55	30	
Ethylbenzene	0.113	0.0050	"	0.100	ND	113	70-130	29.3	30	
m,p-Xylene	0.222	0.010	"	0.200	0.0265	97.7	70-130	35.7	30	QM-07
o-Xylene	0.107	0.0050	"	0.100	ND	107	70-130	52.3	30	QM-07
Surrogate: 1,2-Dichloroethane-d4		0.0400	"	0.0400		100	23-173			
Surrogate: Toluene-d8		0.0406	"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene		0.0409	"	0.0400		102	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06

Project Manager: Jason Leverton

Reported:
06/16/19 11:35

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1906206 - EPA 3550A

Blank (1906206-BLK1)

Prepared: 06/14/19 Analyzed: 06/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1906206-BS1)

Prepared: 06/14/19 Analyzed: 06/15/19

C10-C28 (DRO) 465 50 mg/kg 500 92.9 70-130

Matrix Spike (1906206-MS1)

Source: 1906186-01

Prepared: 06/14/19 Analyzed: 06/15/19

C10-C28 (DRO) 31800 50 mg/kg 500 31900 NR 70-130 E, QM-4X

Matrix Spike Dup (1906206-MSD1)

Source: 1906186-01

Prepared: 06/14/19 Analyzed: 06/15/19

C10-C28 (DRO) 30100 50 mg/kg 500 31900 NR 70-130 5.60 20 E, QM-4X

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Spill

Project Number: 702051.054.06
Project Manager: Jason Leverton

Reported:
06/16/19 11:35

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 21, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I Crude Release

Work Order # 1906273

Enclosed are the results of analyses for samples received by Summit Scientific on 06/20/19 16:32. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-34@16'	1906273-01	Soil	06/20/19 12:00	06/20/19 16:32
SS-35@16'	1906273-02	Soil	06/20/19 12:05	06/20/19 16:32
SS-36@16'	1906273-03	Soil	06/20/19 12:10	06/20/19 16:32
SS-37@16'	1906273-04	Soil	06/20/19 12:15	06/20/19 16:32
SP-7	1906273-05	Soil	06/20/19 12:20	06/20/19 16:32
SP-8	1906273-06	Soil	06/20/19 12:22	06/20/19 16:32
SP-9	1906273-07	Soil	06/20/19 12:24	06/20/19 16:32
SP-10	1906273-08	Soil	06/20/19 12:28	06/20/19 16:32

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SS-34@16'
1906273-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.73	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SS-35@16'
1906273-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.079	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	450	5.0	"	10	"	"	"	"	

Date Sampled: **06/20/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		244 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1100	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SS-36@16'
1906273-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.41	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	370	5.0	"	10	"	"	"	"	

Date Sampled: **06/20/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		219 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	720	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SS-37@16'
1906273-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.6	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		67.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	82	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		84.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SP-7
1906273-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		88.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SP-8
1906273-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		82.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SP-9
1906273-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		84.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		77.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

SP-10
1906273-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1906302	06/20/19	06/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1906306	06/20/19	06/21/19	EPA 8015M	

Date Sampled: **06/20/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		80.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

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 1906302 - EPA 5030 Soil MS

Blank (1906302-BLK1)

Prepared: 06/20/19 Analyzed: 06/21/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0416		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

LCS (1906302-BS1)

Prepared: 06/20/19 Analyzed: 06/21/19

Benzene	0.0939	0.0020	mg/kg	0.100		93.9	70-130			
Toluene	0.102	0.0050	"	0.100		102	70-130			
Ethylbenzene	0.116	0.0050	"	0.100		116	70-130			
m,p-Xylene	0.228	0.010	"	0.200		114	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0465		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.0400		103	21-167			

Matrix Spike (1906302-MS1)

Source: 1906272-21

Prepared: 06/20/19 Analyzed: 06/21/19

Benzene	0.0985	0.0020	mg/kg	0.100	ND	98.5	70-130			
Toluene	0.106	0.0050	"	0.100	ND	106	70-130			
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130			
m,p-Xylene	0.221	0.010	"	0.200	ND	110	70-130			
o-Xylene	0.106	0.0050	"	0.100	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0501		"	0.0400		125	23-173			
Surrogate: Toluene-d8	0.0412		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		102	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

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 1906302 - EPA 5030 Soil MS

Matrix Spike Dup (1906302-MSD1)		Source: 1906272-21			Prepared: 06/20/19 Analyzed: 06/21/19					
Benzene	0.0946	0.0020	mg/kg	0.100	ND	94.6	70-130	3.95	30	
Toluene	0.108	0.0050	"	0.100	ND	108	70-130	1.72	30	
Ethylbenzene	0.113	0.0050	"	0.100	ND	113	70-130	2.80	30	
m,p-Xylene	0.227	0.010	"	0.200	ND	113	70-130	2.70	30	
o-Xylene	0.109	0.0050	"	0.100	ND	109	70-130	2.26	30	
Surrogate: 1,2-Dichloroethane-d4	0.0439		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		103	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1906306 - EPA 3550A

Blank (1906306-BLK1)

Prepared: 06/20/19 Analyzed: 06/21/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1906306-BS1)

Prepared: 06/20/19 Analyzed: 06/21/19

C10-C28 (DRO) 464 50 mg/kg 500 92.7 70-130

Matrix Spike (1906306-MS1)

Source: 1906272-21

Prepared: 06/20/19 Analyzed: 06/21/19

C10-C28 (DRO) 449 50 mg/kg 500 15.9 86.6 70-130

Matrix Spike Dup (1906306-MSD1)

Source: 1906272-21

Prepared: 06/20/19 Analyzed: 06/21/19

C10-C28 (DRO) 435 50 mg/kg 500 15.9 83.7 70-130 3.23 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude Release

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
06/21/19 16:57

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 02, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907009

Enclosed are the results of analyses for samples received by Summit Scientific on 07/01/19 16:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-38@16'	1907009-01	Soil	07/01/19 14:30	07/01/19 16:50
SS-39@14'	1907009-02	Soil	07/01/19 15:00	07/01/19 16:50
SS-40@14'	1907009-03	Soil	07/01/19 15:05	07/01/19 16:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

SS-38@16'
1907009-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/01/19 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1907020	07/01/19	07/02/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/01/19 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/01/19 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1907023	07/01/19	07/02/19	EPA 8015M	

Date Sampled: **07/01/19 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

SS-39@14'
1907009-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/01/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907020	07/01/19	07/02/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/01/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/01/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	75	50	mg/kg	1	1907023	07/01/19	07/02/19	EPA 8015M	

Date Sampled: **07/01/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

SS-40@14'
1907009-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/01/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907020	07/01/19	07/02/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/01/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/01/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	61	50	mg/kg	1	1907023	07/01/19	07/02/19	EPA 8015M	

Date Sampled: **07/01/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

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 1907020 - EPA 5030 Soil MS

Blank (1907020-BLK1)

Prepared: 07/01/19 Analyzed: 07/02/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0361		"	0.0400		90.2	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.6	21-167			

LCS (1907020-BS1)

Prepared: 07/01/19 Analyzed: 07/02/19

Benzene	0.162	0.0020	mg/kg	0.150		108	70-130			
Toluene	0.164	0.0050	"	0.150		109	70-130			
Ethylbenzene	0.161	0.0050	"	0.150		107	70-130			
m,p-Xylene	0.316	0.010	"	0.300		105	70-130			
o-Xylene	0.166	0.0050	"	0.150		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.5	23-173			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		98.9	21-167			

Matrix Spike (1907020-MS1)

Source: 1907010-01

Prepared: 07/01/19 Analyzed: 07/02/19

Benzene	0.168	0.0020	mg/kg	0.150	ND	112	70-130			
Toluene	0.169	0.0050	"	0.150	ND	113	70-130			
Ethylbenzene	0.166	0.0050	"	0.150	ND	111	70-130			
m,p-Xylene	0.326	0.010	"	0.300	ND	109	70-130			
o-Xylene	0.169	0.0050	"	0.150	ND	113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.6	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

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 1907020 - EPA 5030 Soil MS

Matrix Spike Dup (1907020-MSD1)		Source: 1907010-01			Prepared: 07/01/19 Analyzed: 07/02/19					
Benzene	0.167	0.0020	mg/kg	0.150	ND	111	70-130	0.323	30	
Toluene	0.168	0.0050	"	0.150	ND	112	70-130	0.696	30	
Ethylbenzene	0.166	0.0050	"	0.150	ND	111	70-130	0.0180	30	
m,p-Xylene	0.328	0.010	"	0.300	ND	109	70-130	0.698	30	
o-Xylene	0.170	0.0050	"	0.150	ND	113	70-130	0.460	30	
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.6	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		94.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907023 - EPA 3550A

Blank (1907023-BLK1)

Prepared: 07/01/19 Analyzed: 07/02/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907023-BS1)

Prepared: 07/01/19 Analyzed: 07/02/19

C10-C28 (DRO) 492 50 mg/kg 500 98.4 70-130

Matrix Spike (1907023-MS1)

Source: 1907009-01

Prepared: 07/01/19 Analyzed: 07/02/19

C10-C28 (DRO) 466 50 mg/kg 500 40.8 85.1 70-130

Matrix Spike Dup (1907023-MSD1)

Source: 1907009-01

Prepared: 07/01/19 Analyzed: 07/02/19

C10-C28 (DRO) 466 50 mg/kg 500 40.8 85.1 70-130 0.0665 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/02/19 18:52

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 04, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907054

Enclosed are the results of analyses for samples received by Summit Scientific on 07/03/19 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/04/19 21:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-41@16'	1907054-01	Soil	07/03/19 12:30	07/03/19 17:00
SS-42@16'	1907054-02	Soil	07/03/19 14:55	07/03/19 17:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/04/19 21:53

SS-41@16'
1907054-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/03/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	1.5	0.20	mg/kg	100	1907070	07/03/19	07/04/19	EPA 8260B	
Toluene	3.6	0.50	"	"	"	"	"	"	
Ethylbenzene	11	0.50	"	"	"	"	"	"	
Xylenes (total)	34	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1300	50	"	"	"	"	"	"	

Date Sampled: **07/03/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		130 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/03/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	3800	50	mg/kg	1	1907071	07/03/19	07/04/19	EPA 8015M	

Date Sampled: **07/03/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/04/19 21:53

SS-42@16'
1907054-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/03/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.056	0.0020	mg/kg	1	1907070	07/03/19	07/04/19	EPA 8260B	
Toluene	0.076	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.13	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.38	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	7.8	0.50	"	"	"	"	"	"	

Date Sampled: **07/03/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95.6 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		115 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/03/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	160	50	mg/kg	1	1907071	07/03/19	07/04/19	EPA 8015M	

Date Sampled: **07/03/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		106 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/04/19 21:53

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 1907070 - EPA 5030 Soil MS

Blank (1907070-BLK1)

Prepared & Analyzed: 07/03/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0430		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0366		"	0.0400		91.4	21-167			

LCS (1907070-BS1)

Prepared & Analyzed: 07/03/19

Benzene	0.0806	0.0020	mg/kg	0.100		80.6	70-130			
Toluene	0.0890	0.0050	"	0.100		89.0	70-130			
Ethylbenzene	0.0976	0.0050	"	0.100		97.6	70-130			
m,p-Xylene	0.197	0.010	"	0.200		98.5	70-130			
o-Xylene	0.0958	0.0050	"	0.100		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.8	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	21-167			

Matrix Spike (1907070-MS1)

Source: 1907053-01

Prepared: 07/03/19 Analyzed: 07/04/19

Benzene	0.0805	0.0020	mg/kg	0.100	ND	80.5	70-130			
Toluene	0.0895	0.0050	"	0.100	ND	89.5	70-130			
Ethylbenzene	0.0970	0.0050	"	0.100	ND	97.0	70-130			
m,p-Xylene	0.200	0.010	"	0.200	ND	99.9	70-130			
o-Xylene	0.0950	0.0050	"	0.100	ND	95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/04/19 21:53

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 1907070 - EPA 5030 Soil MS

Matrix Spike Dup (1907070-MSD1)		Source: 1907053-01			Prepared: 07/03/19 Analyzed: 07/04/19					
Benzene	0.0805	0.0020	mg/kg	0.100	ND	80.5	70-130	0.0373	30	
Toluene	0.0896	0.0050	"	0.100	ND	89.6	70-130	0.134	30	
Ethylbenzene	0.0968	0.0050	"	0.100	ND	96.8	70-130	0.186	30	
m,p-Xylene	0.198	0.010	"	0.200	ND	99.0	70-130	0.875	30	
o-Xylene	0.0946	0.0050	"	0.100	ND	94.6	70-130	0.443	30	
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0388		"	0.0400		97.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.1	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/04/19 21:53

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907071 - EPA 3550A

Blank (1907071-BLK1)

Prepared & Analyzed: 07/03/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907071-BS1)

Prepared & Analyzed: 07/03/19

C10-C28 (DRO) 503 50 mg/kg 500 101 70-130

Matrix Spike (1907071-MS1)

Source: 1907053-01

Prepared & Analyzed: 07/03/19

C10-C28 (DRO) 507 50 mg/kg 500 35.0 94.3 70-130

Matrix Spike Dup (1907071-MSD1)

Source: 1907053-01

Prepared & Analyzed: 07/03/19

C10-C28 (DRO) 480 50 mg/kg 500 35.0 88.9 70-130 5.49 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/04/19 21:53

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 09, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

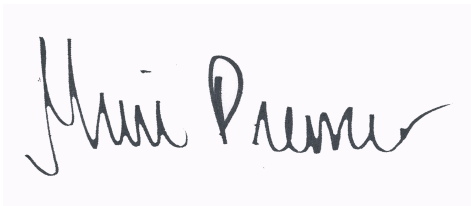
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907061

Enclosed are the results of analyses for samples received by Summit Scientific on 07/08/19 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-43@15'	1907061-01	Soil	07/08/19 11:00	07/08/19 15:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

SS-43@15'
1907061-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/08/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1907099	07/08/19	07/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.015	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	28	0.50	"	"	"	"	"	"	

Date Sampled: **07/08/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/08/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	650	50	mg/kg	1	1907100	"	07/08/19	EPA 8015M	

Date Sampled: **07/08/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

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 1907099 - EPA 5030 Soil MS

Blank (1907099-BLK1)

Prepared: 07/08/19 Analyzed: 07/09/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0410		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		103	21-167			

LCS (1907099-BS1)

Prepared: 07/08/19 Analyzed: 07/09/19

Benzene	0.113	0.0020	mg/kg	0.150		75.1	70-130			
Toluene	0.119	0.0050	"	0.150		79.5	70-130			
Ethylbenzene	0.117	0.0050	"	0.150		77.8	70-130			
m,p-Xylene	0.225	0.010	"	0.300		75.0	70-130			
o-Xylene	0.112	0.0050	"	0.150		75.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0438		"	0.0400		110	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.4	21-167			

Matrix Spike (1907099-MS1)

Source: 1907062-12

Prepared: 07/08/19 Analyzed: 07/09/19

Benzene	0.126	0.0020	mg/kg	0.150	ND	83.8	70-130			
Toluene	0.131	0.0050	"	0.150	ND	87.1	70-130			
Ethylbenzene	0.130	0.0050	"	0.150	ND	86.7	70-130			
m,p-Xylene	0.252	0.010	"	0.300	ND	83.9	70-130			
o-Xylene	0.123	0.0050	"	0.150	ND	82.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

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 1907099 - EPA 5030 Soil MS

Matrix Spike Dup (1907099-MSD1)		Source: 1907062-12			Prepared: 07/08/19 Analyzed: 07/09/19					
Benzene	0.113	0.0020	mg/kg	0.150	ND	75.5	70-130	10.4	30	
Toluene	0.116	0.0050	"	0.150	ND	77.2	70-130	12.0	30	
Ethylbenzene	0.120	0.0050	"	0.150	ND	80.2	70-130	7.76	30	
m,p-Xylene	0.231	0.010	"	0.300	ND	76.9	70-130	8.66	30	
o-Xylene	0.115	0.0050	"	0.150	ND	76.6	70-130	7.15	30	
Surrogate: 1,2-Dichloroethane-d4	0.0416		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907100 - EPA 3550A

Blank (1907100-BLK1)

Prepared: 07/08/19 Analyzed: 07/09/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907100-BS1)

Prepared: 07/08/19 Analyzed: 07/09/19

C10-C28 (DRO) 456 50 mg/kg 500 91.2 70-130

Matrix Spike (1907100-MS1)

Source: 1907061-01

Prepared: 07/08/19 Analyzed: 07/09/19

C10-C28 (DRO) 986 50 mg/kg 500 647 67.8 70-130 QM-07

Matrix Spike Dup (1907100-MSD1)

Source: 1907061-01

Prepared: 07/08/19 Analyzed: 07/09/19

C10-C28 (DRO) 973 50 mg/kg 500 647 65.1 70-130 1.39 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
07/09/19 16:33

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 15, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

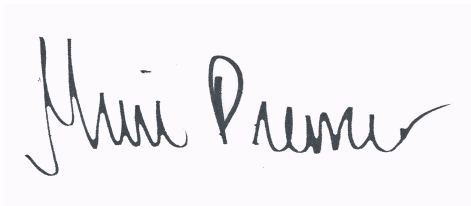
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907114

Enclosed are the results of analyses for samples received by Summit Scientific on 07/11/19 16:06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-44@16'	1907114-01	Soil	07/11/19 12:05	07/11/19 16:06
SS-45@16'	1907114-02	Soil	07/11/19 12:07	07/11/19 16:06
SS-46@16'	1907114-03	Soil	07/11/19 12:09	07/11/19 16:06
SS-47@16'	1907114-04	Soil	07/11/19 12:10	07/11/19 16:06
SS-48@16'	1907114-05	Soil	07/11/19 12:12	07/11/19 16:06
SS-49@16'	1907114-06	Soil	07/11/19 12:14	07/11/19 16:06
SS-50@16'	1907114-07	Soil	07/11/19 12:16	07/11/19 16:06
SS-51@16'	1907114-08	Soil	07/11/19 12:18	07/11/19 16:06
SS-52@16'	1907114-09	Soil	07/11/19 12:20	07/11/19 16:06
BH-1@16'	1907114-10	Soil	07/11/19 12:30	07/11/19 16:06
BH-2@16'	1907114-11	Soil	07/11/19 12:33	07/11/19 16:06
BH-3@16'	1907114-12	Soil	07/11/19 12:35	07/11/19 16:06
BH-4@16'	1907114-13	Soil	07/11/19 12:37	07/11/19 16:06
BH-5@16'	1907114-14	Soil	07/11/19 12:40	07/11/19 16:06
BH-6@16'	1907114-15	Soil	07/11/19 12:41	07/11/19 16:06
BH-7@16'	1907114-16	Soil	07/11/19 12:43	07/11/19 16:06
BH-8@16'	1907114-17	Soil	07/11/19 12:46	07/11/19 16:06
BH-9@16'	1907114-18	Soil	07/11/19 12:50	07/11/19 16:06

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-44@16'
1907114-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	0.079	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.14	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.3	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	97	5.0	"	10	"	"	"	"	

Date Sampled: **07/11/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		122 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		209 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2400	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		352 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-45@16'
1907114-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.15	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	0.10	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.29	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.75	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	29	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		125 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		139 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	530	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		124 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-46@16'
1907114-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.030	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	0.014	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.033	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.092	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.6	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	950	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:09**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		196 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-47@16'
1907114-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-48@16'
1907114-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.018	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.93	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		112 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	140	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-49@16'
1907114-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.037	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	0.039	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.021	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.36	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	75	5.0	"	10	"	"	"	"	

Date Sampled: **07/11/19 12:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		114 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		202 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	3000	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		450 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-50@16'
1907114-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.96	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-51@16'
1907114-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0077	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.039	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.3	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

SS-52@16'
1907114-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.3	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		114 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	97	50	mg/kg	1	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-1@16'
1907114-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	24	0.20	mg/kg	100	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	54	0.50	"	"	"	"	"	"	
Ethylbenzene	61	0.50	"	"	"	"	"	"	
Xylenes (total)	230	1.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	9000	50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		312 %	23-173		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		115 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		249 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	33000	500	mg/kg	10	1907167	07/11/19	07/11/19	EPA 8015M	

Date Sampled: **07/11/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		2990 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-2@16'
1907114-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.2	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		111 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		110 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	3400	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:33**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		463 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-3@16'
1907114-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0052	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.086	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	30	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		123 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		126 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	8400	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		162 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-4@16'
1907114-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:37**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:37**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		112 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:37**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	170	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:37**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-5@16'
1907114-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-6@16'
1907114-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:41**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0088	0.0020	mg/kg	1	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	0.16	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.21	0.0050	"	"	"	"	"	"	
Xylenes (total)	2.5	0.10	"	10	"	"	07/12/19	"	
Gasoline Range Hydrocarbons	480	5.0	"	"	"	"	07/12/19	"	

Date Sampled: **07/11/19 12:41**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		147 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		139 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		533 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:41**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	12000	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:41**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		1490 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-7@16'
1907114-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.85	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		332 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-8@16'
1907114-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	2.3	0.020	mg/kg	10	1907166	07/11/19	07/12/19	EPA 8260B	
Toluene	5.2	0.050	"	"	"	"	"	"	
Ethylbenzene	4.8	0.050	"	"	"	"	"	"	
Xylenes (total)	12	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	640	5.0	"	"	"	"	07/12/19	"	

Date Sampled: **07/11/19 12:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		203 %	23-173		"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		99.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		528 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1000	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		129 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

BH-9@16'
1907114-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/11/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0089	0.0020	mg/kg	1	1907166	07/11/19	07/11/19	EPA 8260B	
Toluene	0.040	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.041	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.13	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	18	0.50	"	"	"	"	"	"	

Date Sampled: **07/11/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		124 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		122 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/11/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	59	50	mg/kg	1	1907167	07/11/19	07/12/19	EPA 8015M	

Date Sampled: **07/11/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		117 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

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 1907166 - EPA 5030 Soil MS

Blank (1907166-BLK1)

Prepared & Analyzed: 07/11/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0439		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0457		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

LCS (1907166-BS1)

Prepared & Analyzed: 07/11/19

Benzene	0.118	0.0020	mg/kg	0.125		94.4	70-130			
Toluene	0.129	0.0050	"	0.125		103	70-130			
Ethylbenzene	0.128	0.0050	"	0.125		103	70-130			
m,p-Xylene	0.206	0.010	"	0.250		82.3	70-130			
o-Xylene	0.122	0.0050	"	0.125		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.4	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.6	21-167			

Matrix Spike (1907166-MS1)

Source: 1907114-04

Prepared & Analyzed: 07/11/19

Benzene	0.131	0.0020	mg/kg	0.125	ND	105	70-130			
Toluene	0.132	0.0050	"	0.125	ND	105	70-130			
Ethylbenzene	0.146	0.0050	"	0.125	ND	117	70-130			
m,p-Xylene	0.279	0.010	"	0.250	ND	112	70-130			
o-Xylene	0.137	0.0050	"	0.125	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0400		96.1	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

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 1907166 - EPA 5030 Soil MS

Matrix Spike Dup (1907166-MSD1)		Source: 1907114-04			Prepared & Analyzed: 07/11/19					
Benzene	0.127	0.0020	mg/kg	0.125	ND	101	70-130	3.61	30	
Toluene	0.151	0.0050	"	0.125	ND	121	70-130	13.9	30	
Ethylbenzene	0.146	0.0050	"	0.125	ND	117	70-130	0.226	30	
m,p-Xylene	0.279	0.010	"	0.250	ND	111	70-130	0.161	30	
o-Xylene	0.137	0.0050	"	0.125	ND	110	70-130	0.153	30	
Surrogate: 1,2-Dichloroethane-d4	0.0418		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0443		"	0.0400		111	20-170			
Surrogate: 4-Bromofluorobenzene	0.0376		"	0.0400		93.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907167 - EPA 3550A

Blank (1907167-BLK1)

Prepared: 07/11/19 Analyzed: 07/12/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907167-BS1)

Prepared: 07/11/19 Analyzed: 07/12/19

C10-C28 (DRO) 545 50 mg/kg 500 109 70-130

Matrix Spike (1907167-MS1)

Source: 1907114-01

Prepared: 07/11/19 Analyzed: 07/12/19

C10-C28 (DRO) 2030 50 mg/kg 500 2420 NR 70-130 QM-07

Matrix Spike Dup (1907167-MSD1)

Source: 1907114-01

Prepared: 07/11/19 Analyzed: 07/12/19

C10-C28 (DRO) 2040 50 mg/kg 500 2420 NR 70-130 0.551 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/15/19 09:44

Notes and Definitions

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 16, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907157

Enclosed are the results of analyses for samples received by Summit Scientific on 07/15/19 16:19. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/16/19 06:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-53@16'	1907157-01	Soil	07/15/19 14:00	07/15/19 16:19

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/16/19 06:03

SS-53@16'
1907157-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/15/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.018	0.0020	mg/kg	1	1907201	07/15/19	07/15/19	EPA 8260B	
Toluene	0.31	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.35	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.3	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	20	5.0	"	10	"	"	"	"	

Date Sampled: **07/15/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/15/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	140	50	mg/kg	1	1907202	07/15/19	07/15/19	EPA 8015M	

Date Sampled: **07/15/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/16/19 06:03

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 1907201 - EPA 5030 Soil MS

Blank (1907201-BLK1)

Prepared & Analyzed: 07/15/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	23-173			
Surrogate: Toluene-d8	0.0379		"	0.0400		94.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.5	21-167			

LCS (1907201-BS1)

Prepared & Analyzed: 07/15/19

Benzene	0.0770	0.0020	mg/kg	0.100		77.0	70-130			
Toluene	0.0882	0.0050	"	0.100		88.2	70-130			
Ethylbenzene	0.0953	0.0050	"	0.100		95.3	70-130			
m,p-Xylene	0.193	0.010	"	0.200		96.4	70-130			
o-Xylene	0.0941	0.0050	"	0.100		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0400		95.8	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.3	21-167			

Matrix Spike (1907201-MS1)

Source: 1907153-01

Prepared & Analyzed: 07/15/19

Benzene	0.0806	0.0020	mg/kg	0.100	ND	80.6	70-130			
Toluene	0.0849	0.0050	"	0.100	ND	84.9	70-130			
Ethylbenzene	0.0986	0.0050	"	0.100	ND	98.6	70-130			
m,p-Xylene	0.205	0.010	"	0.200	ND	102	70-130			
o-Xylene	0.106	0.0050	"	0.100	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.7	23-173			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/16/19 06:03

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 1907201 - EPA 5030 Soil MS

Matrix Spike Dup (1907201-MSD1)		Source: 1907153-01			Prepared & Analyzed: 07/15/19					
Benzene	0.0776	0.0020	mg/kg	0.100	ND	77.6	70-130	3.76	30	
Toluene	0.0886	0.0050	"	0.100	ND	88.6	70-130	4.29	30	
Ethylbenzene	0.0953	0.0050	"	0.100	ND	95.3	70-130	3.37	30	
m,p-Xylene	0.195	0.010	"	0.200	ND	97.3	70-130	5.02	30	
o-Xylene	0.0930	0.0050	"	0.100	ND	93.0	70-130	12.8	30	
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0400		95.0	23-173			
Surrogate: Toluene-d8	0.0384		"	0.0400		95.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/16/19 06:03

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907202 - EPA 3550A

Blank (1907202-BLK1)

Prepared & Analyzed: 07/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907202-BS1)

Prepared & Analyzed: 07/15/19

C10-C28 (DRO) 445 50 mg/kg 500 89.0 70-130

Matrix Spike (1907202-MS1)

Source: 1907153-01

Prepared & Analyzed: 07/15/19

C10-C28 (DRO) 472 50 mg/kg 500 27.5 88.9 70-130

Matrix Spike Dup (1907202-MSD1)

Source: 1907153-01

Prepared & Analyzed: 07/15/19

C10-C28 (DRO) 479 50 mg/kg 500 27.5 90.3 70-130 1.41 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/16/19 06:03

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 19, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907213

Enclosed are the results of analyses for samples received by Summit Scientific on 07/18/19 09:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-54@16'	1907213-01	Soil	07/17/19 14:10	07/18/19 09:35
SS-55@16'	1907213-02	Soil	07/17/19 14:15	07/18/19 09:35
SS-56@18.5"	1907213-03	Soil	07/17/19 14:20	07/18/19 09:35
BH-10@18.5'	1907213-04	Soil	07/17/19 14:25	07/18/19 09:35

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

SS-54@16'
1907213-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/17/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.014	0.0020	mg/kg	1	1907262	07/18/19	07/18/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.092	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.6	0.50	"	"	"	"	"	"	

Date Sampled: **07/17/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		94.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/17/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	860	50	mg/kg	1	1907263	07/18/19	07/18/19	EPA 8015M	

Date Sampled: **07/17/19 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

SS-55@16'
1907213-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/17/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.36	0.0020	mg/kg	1	1907262	07/18/19	07/18/19	EPA 8260B	
Toluene	0.12	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.76	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.5	1.0	"	100	"	"	"	"	
Gasoline Range Hydrocarbons	210	50	"	"	"	"	"	"	

Date Sampled: **07/17/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		136 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92.9 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		172 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/17/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1000	50	mg/kg	1	1907263	07/18/19	07/18/19	EPA 8015M	

Date Sampled: **07/17/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		116 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

SS-56@18.5"
1907213-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/17/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907262	07/18/19	07/18/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/17/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		59.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/17/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1907263	07/18/19	07/18/19	EPA 8015M	

Date Sampled: **07/17/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

BH-10@18.5'
1907213-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/17/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.026	0.0020	mg/kg	1	1907262	07/18/19	07/18/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.025	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.089	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.7	0.50	"	"	"	"	"	"	

Date Sampled: **07/17/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/17/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	160	50	mg/kg	1	1907263	07/18/19	07/18/19	EPA 8015M	

Date Sampled: **07/17/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

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 1907262 - EPA 5030 Soil MS

Blank (1907262-BLK1)

Prepared & Analyzed: 07/18/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	21-167			

LCS (1907262-BS1)

Prepared & Analyzed: 07/18/19

Benzene	0.114	0.0020	mg/kg	0.150		76.2	70-130			
Toluene	0.124	0.0050	"	0.150		82.4	70-130			
Ethylbenzene	0.159	0.0050	"	0.150		106	70-130			
m,p-Xylene	0.295	0.010	"	0.300		98.3	70-130			
o-Xylene	0.138	0.0050	"	0.150		91.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0198		"	0.0400		49.5	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0351		"	0.0400		87.8	21-167			

Matrix Spike (1907262-MS1)

Source: 1907213-03

Prepared & Analyzed: 07/18/19

Benzene	0.156	0.0020	mg/kg	0.150	ND	104	70-130			
Toluene	0.154	0.0050	"	0.150	ND	103	70-130			
Ethylbenzene	0.136	0.0050	"	0.150	ND	90.6	70-130			
m,p-Xylene	0.286	0.010	"	0.300	ND	95.3	70-130			
o-Xylene	0.157	0.0050	"	0.150	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.4	23-173			
Surrogate: Toluene-d8	0.0428		"	0.0400		107	20-170			
Surrogate: 4-Bromofluorobenzene	0.0346		"	0.0400		86.5	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

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 1907262 - EPA 5030 Soil MS

Matrix Spike Dup (1907262-MSD1)		Source: 1907213-03			Prepared & Analyzed: 07/18/19					
Benzene	0.119	0.0020	mg/kg	0.150	ND	79.5	70-130	26.8	30	
Toluene	0.133	0.0050	"	0.150	ND	89.0	70-130	14.5	30	
Ethylbenzene	0.140	0.0050	"	0.150	ND	93.6	70-130	3.34	30	
m,p-Xylene	0.271	0.010	"	0.300	ND	90.2	70-130	5.49	30	
o-Xylene	0.135	0.0050	"	0.150	ND	90.1	70-130	15.1	30	
Surrogate: 1,2-Dichloroethane-d4	0.0421		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0425		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907263 - EPA 3550A

Blank (1907263-BLK1)

Prepared & Analyzed: 07/18/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907263-BS1)

Prepared & Analyzed: 07/18/19

C10-C28 (DRO) 501 50 mg/kg 500 100 70-130

Matrix Spike (1907263-MS1)

Source: 1907213-01

Prepared & Analyzed: 07/18/19

C10-C28 (DRO) 1880 50 mg/kg 500 860 203 70-130 QM-07

Matrix Spike Dup (1907263-MSD1)

Source: 1907213-01

Prepared & Analyzed: 07/18/19

C10-C28 (DRO) 1350 50 mg/kg 500 860 97.5 70-130 32.9 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/19/19 05:45

Notes and Definitions

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 22, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907236

Enclosed are the results of analyses for samples received by Summit Scientific on 07/19/19 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/22/19 06:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-57@16'	1907236-01	Soil	07/19/19 14:25	07/19/19 16:45
SS-58@16'	1907236-02	Soil	07/19/19 14:30	07/19/19 16:45
SS-59@16'	1907236-03	Soil	07/19/19 14:25	07/19/19 16:45
BH-11@16'	1907236-04	Soil	07/19/19 14:20	07/19/19 16:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

SS-57@16'
1907236-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.019	0.0020	mg/kg	1	1907281	07/19/19	07/21/19	EPA 8260B	
Toluene	0.025	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.012	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.0	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	52	0.50	"	"	"	"	"	"	

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		67.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		155 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	3500	50	mg/kg	1	1907282	07/19/19	07/20/19	EPA 8015M	

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		97.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

SS-58@16'
1907236-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/19/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907281	07/19/19	07/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.24	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	240	50	"	100	"	"	"	"	

Date Sampled: **07/19/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		64.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/19/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	770	50	mg/kg	1	1907282	07/19/19	07/20/19	EPA 8015M	

Date Sampled: **07/19/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

SS-59@16'
1907236-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907281	07/19/19	07/21/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.5	0.50	"	"	"	"	"	"	

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		59.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	160	50	mg/kg	1	1907282	07/19/19	07/20/19	EPA 8015M	

Date Sampled: **07/19/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

BH-11@16'
1907236-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/19/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.14	0.0020	mg/kg	1	1907281	07/19/19	07/21/19	EPA 8260B	
Toluene	0.059	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.084	0.0050	"	"	"	"	"	"	
Xylenes (total)	21	1.0	"	100	"	"	"	"	
Gasoline Range Hydrocarbons	1800	50	"	"	"	"	"	"	

Date Sampled: **07/19/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		64.8 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		83.9 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		118 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/19/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	7500	50	mg/kg	1	1907282	07/19/19	07/20/19	EPA 8015M	

Date Sampled: **07/19/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		101 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

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 1907281 - EPA 5030 Soil MS

Blank (1907281-BLK1)

Prepared & Analyzed: 07/19/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.6	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	21-167			

LCS (1907281-BS1)

Prepared & Analyzed: 07/19/19

Benzene	0.0802	0.0020	mg/kg	0.100		80.2	70-130			
Toluene	0.0910	0.0050	"	0.100		91.0	70-130			
Ethylbenzene	0.0971	0.0050	"	0.100		97.1	70-130			
m,p-Xylene	0.199	0.010	"	0.200		99.5	70-130			
o-Xylene	0.0939	0.0050	"	0.100		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0400		95.1	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

Matrix Spike (1907281-MS1)

Source: 1907228-01

Prepared & Analyzed: 07/19/19

Benzene	0.0797	0.0020	mg/kg	0.100	ND	79.7	70-130			
Toluene	0.0903	0.0050	"	0.100	ND	90.3	70-130			
Ethylbenzene	0.0975	0.0050	"	0.100	ND	97.5	70-130			
m,p-Xylene	0.200	0.010	"	0.200	0.00492	97.3	70-130			
o-Xylene	0.0949	0.0050	"	0.100	ND	94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0400		95.7	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

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 1907281 - EPA 5030 Soil MS

Matrix Spike Dup (1907281-MSD1)		Source: 1907228-01			Prepared & Analyzed: 07/19/19					
Benzene	0.0804	0.0020	mg/kg	0.100	ND	80.4	70-130	0.787	30	
Toluene	0.0883	0.0050	"	0.100	ND	88.3	70-130	2.32	30	
Ethylbenzene	0.113	0.0050	"	0.100	ND	113	70-130	14.4	30	
m,p-Xylene	0.227	0.010	"	0.200	0.00492	111	70-130	12.8	30	
o-Xylene	0.102	0.0050	"	0.100	ND	102	70-130	7.05	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	0.0236		"	0.0400		59.0	23-173			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0340		"	0.0400		85.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907282 - EPA 3550A

Blank (1907282-BLK1)

Prepared & Analyzed: 07/19/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907282-BS1)

Prepared & Analyzed: 07/19/19

C10-C28 (DRO) 478 50 mg/kg 500 95.5 70-130

Matrix Spike (1907282-MS1)

Source: 1907228-01

Prepared & Analyzed: 07/19/19

C10-C28 (DRO) 500 50 mg/kg 500 31.3 93.8 70-130

Matrix Spike Dup (1907282-MSD1)

Source: 1907228-01

Prepared & Analyzed: 07/19/19

C10-C28 (DRO) 506 50 mg/kg 500 31.3 95.0 70-130 1.17 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/22/19 06:51

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 24, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907265

Enclosed are the results of analyses for samples received by Summit Scientific on 07/23/19 16:01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-60@16'	1907265-01	Soil	07/23/19 11:30	07/23/19 16:01
SS-61@16'	1907265-02	Soil	07/23/19 11:39	07/23/19 16:01

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

SS-60@16'
1907265-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/23/19 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1907326	07/23/19	07/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/23/19 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		86.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/23/19 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1907327	07/23/19	07/24/19	EPA 8015M	

Date Sampled: **07/23/19 11:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

SS-61@16'
1907265-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/23/19 11:39**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907326	07/23/19	07/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/23/19 11:39**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		82.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/23/19 11:39**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1907327	07/23/19	07/24/19	EPA 8015M	

Date Sampled: **07/23/19 11:39**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

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 1907326 - EPA 5030 Soil MS

Blank (1907326-BLK1)

Prepared: 07/23/19 Analyzed: 07/24/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0233		"	0.0400		58.2	23-173			
Surrogate: Toluene-d8	0.0365		"	0.0400		91.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0352		"	0.0400		88.0	21-167			

LCS (1907326-BS1)

Prepared: 07/23/19 Analyzed: 07/24/19

Benzene	0.0785	0.0020	mg/kg	0.100		78.5	70-130			
Toluene	0.0870	0.0050	"	0.100		87.0	70-130			
Ethylbenzene	0.117	0.0050	"	0.100		117	70-130			
m,p-Xylene	0.231	0.010	"	0.200		115	70-130			
o-Xylene	0.102	0.0050	"	0.100		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0234		"	0.0400		58.6	23-173			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0351		"	0.0400		87.8	21-167			

Matrix Spike (1907326-MS1)

Source: 1907262-03

Prepared: 07/23/19 Analyzed: 07/24/19

Benzene	0.0823	0.0020	mg/kg	0.100	ND	82.3	70-130			
Toluene	0.0901	0.0050	"	0.100	ND	90.1	70-130			
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130			
m,p-Xylene	0.221	0.010	"	0.200	0.00351	109	70-130			
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0281		"	0.0400		70.2	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0356		"	0.0400		89.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

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 1907326 - EPA 5030 Soil MS

Matrix Spike Dup (1907326-MSD1)

Source: 1907262-03

Prepared: 07/23/19 Analyzed: 07/24/19

Benzene	0.0790	0.0020	mg/kg	0.100	ND	79.0	70-130	4.09	30	
Toluene	0.0860	0.0050	"	0.100	ND	86.0	70-130	4.67	30	
Ethylbenzene	0.114	0.0050	"	0.100	ND	114	70-130	2.70	30	
m,p-Xylene	0.225	0.010	"	0.200	0.00351	111	70-130	2.01	30	
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130	0.180	30	
Surrogate: 1,2-Dichloroethane-d4	0.0245		"	0.0400		61.4	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0351		"	0.0400		87.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907327 - EPA 3550A

Blank (1907327-BLK1)

Prepared: 07/23/19 Analyzed: 07/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907327-BS1)

Prepared: 07/23/19 Analyzed: 07/24/19

C10-C28 (DRO) 531 50 mg/kg 500 106 70-130

Matrix Spike (1907327-MS1)

Source: 1907262-03

Prepared: 07/23/19 Analyzed: 07/24/19

C10-C28 (DRO) 523 50 mg/kg 500 28.8 98.8 70-130

Matrix Spike Dup (1907327-MSD1)

Source: 1907262-03

Prepared: 07/23/19 Analyzed: 07/24/19

C10-C28 (DRO) 540 50 mg/kg 500 28.8 102 70-130 3.19 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: [none]
Project Manager: Jennifer Galles

Reported:
07/24/19 06:14

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 25, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 27I New Pad Construction

Work Order # 1907291

Enclosed are the results of analyses for samples received by Summit Scientific on 07/24/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I New Pad Construction

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1@6'	1907291-01	Soil	07/24/19 13:20	07/24/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 New Pad Construction

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

SS-1@6'
1907291-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/24/19 13:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.013	0.0020	mg/kg	1	1907350	07/24/19	07/25/19	EPA 8260B	
Toluene	0.019	0.0050	"	"	"	"	07/25/19	"	
Ethylbenzene	0.19	0.0050	"	"	"	"	07/25/19	"	
Xylenes (total)	0.12	0.010	"	"	"	"	07/25/19	"	
Gasoline Range Hydrocarbons	73	0.50	"	"	"	"	07/25/19	"	

Date Sampled: **07/24/19 13:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	23-173		"	"	07/25/19	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		154 %	21-167		"	"	07/25/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/24/19 13:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	170	50	mg/kg	1	1907351	07/24/19	07/24/19	EPA 8015M	

Date Sampled: **07/24/19 13:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		111 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 New Pad Construction

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

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 1907350 - EPA 5030 Soil MS

Blank (1907350-BLK1)

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0264		"	0.0400		66.1	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0370		"	0.0400		92.6	21-167			

LCS (1907350-BS1)

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	0.0774	0.0020	mg/kg	0.100		77.4	70-130			
Toluene	0.0863	0.0050	"	0.100		86.3	70-130			
Ethylbenzene	0.114	0.0050	"	0.100		114	70-130			
m,p-Xylene	0.232	0.010	"	0.200		116	70-130			
o-Xylene	0.105	0.0050	"	0.100		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0237		"	0.0400		59.2	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0349		"	0.0400		87.2	21-167			

Matrix Spike (1907350-MS1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	0.0784	0.0020	mg/kg	0.100	ND	78.4	70-130			
Toluene	0.0861	0.0050	"	0.100	ND	86.1	70-130			
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130			
m,p-Xylene	0.220	0.010	"	0.200	ND	110	70-130			
o-Xylene	0.0994	0.0050	"	0.100	ND	99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0271		"	0.0400		67.8	23-173			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0360		"	0.0400		89.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I New Pad Construction

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

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 1907350 - EPA 5030 Soil MS

Matrix Spike Dup (1907350-MSD1)		Source: 1907289-01			Prepared: 07/24/19 Analyzed: 07/25/19					
Benzene	0.0778	0.0020	mg/kg	0.100	ND	77.8	70-130	0.768	30	
Toluene	0.0856	0.0050	"	0.100	ND	85.6	70-130	0.489	30	
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130	6.17	30	
m,p-Xylene	0.232	0.010	"	0.200	ND	116	70-130	5.40	30	
o-Xylene	0.104	0.0050	"	0.100	ND	104	70-130	4.60	30	
Surrogate: 1,2-Dichloroethane-d4	0.0228		"	0.0400		57.1	23-173			
Surrogate: Toluene-d8	0.0368		"	0.0400		91.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0341		"	0.0400		85.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 New Pad Construction

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907351 - EPA 3550A

Blank (1907351-BLK1)

Prepared & Analyzed: 07/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907351-BS1)

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 501 50 mg/kg 500 100 70-130

Matrix Spike (1907351-MS1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 506 50 mg/kg 500 33.3 94.5 70-130

Matrix Spike Dup (1907351-MSD1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 521 50 mg/kg 500 33.3 97.5 70-130 2.92 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I New Pad Construction

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/25/19 11:22

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 25, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

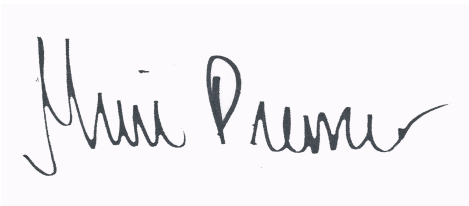
Fort Collins, CO 80525

RE: Razor 27I Crude

Work Order # 1907292

Enclosed are the results of analyses for samples received by Summit Scientific on 07/24/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/25/19 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-62@16'	1907292-01	Soil	07/24/19 13:15	07/24/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/25/19 11:24

SS-62@16'
1907292-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/24/19 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	1907350	07/24/19	07/25/19	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	07/25/19	"	
Xylenes (total)	0.048	0.010		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.7	0.50		"	"	"	"	07/25/19	"	

Date Sampled: **07/24/19 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		87.9 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		97.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		21-167		"	"	07/25/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/24/19 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	300	50		mg/kg	1	1907351	07/24/19	07/25/19	EPA 8015M	

Date Sampled: **07/24/19 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		114 %		30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/25/19 11:24

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 1907350 - EPA 5030 Soil MS

Blank (1907350-BLK1)

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0264		"	0.0400		66.1	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0370		"	0.0400		92.6	21-167			

LCS (1907350-BS1)

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	0.0774	0.0020	mg/kg	0.100		77.4	70-130			
Toluene	0.0863	0.0050	"	0.100		86.3	70-130			
Ethylbenzene	0.114	0.0050	"	0.100		114	70-130			
m,p-Xylene	0.232	0.010	"	0.200		116	70-130			
o-Xylene	0.105	0.0050	"	0.100		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0237		"	0.0400		59.2	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0349		"	0.0400		87.2	21-167			

Matrix Spike (1907350-MS1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

Benzene	0.0784	0.0020	mg/kg	0.100	ND	78.4	70-130			
Toluene	0.0861	0.0050	"	0.100	ND	86.1	70-130			
Ethylbenzene	0.110	0.0050	"	0.100	ND	110	70-130			
m,p-Xylene	0.220	0.010	"	0.200	ND	110	70-130			
o-Xylene	0.0994	0.0050	"	0.100	ND	99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0271		"	0.0400		67.8	23-173			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0360		"	0.0400		89.9	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/25/19 11:24

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 1907350 - EPA 5030 Soil MS

Matrix Spike Dup (1907350-MSD1)		Source: 1907289-01			Prepared: 07/24/19 Analyzed: 07/25/19					
Benzene	0.0778	0.0020	mg/kg	0.100	ND	77.8	70-130	0.768	30	
Toluene	0.0856	0.0050	"	0.100	ND	85.6	70-130	0.489	30	
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130	6.17	30	
m,p-Xylene	0.232	0.010	"	0.200	ND	116	70-130	5.40	30	
o-Xylene	0.104	0.0050	"	0.100	ND	104	70-130	4.60	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	0.0228		"	0.0400		57.1	23-173			
Surrogate: Toluene-d8	0.0368		"	0.0400		91.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0341		"	0.0400		85.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
07/25/19 11:24

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907351 - EPA 3550A

Blank (1907351-BLK1)

Prepared & Analyzed: 07/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907351-BS1)

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 501 50 mg/kg 500 100 70-130

Matrix Spike (1907351-MS1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 506 50 mg/kg 500 33.3 94.5 70-130

Matrix Spike Dup (1907351-MSD1)

Source: 1907289-01

Prepared: 07/24/19 Analyzed: 07/25/19

C10-C28 (DRO) 521 50 mg/kg 500 33.3 97.5 70-130 2.92 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
07/25/19 11:24

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 31, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

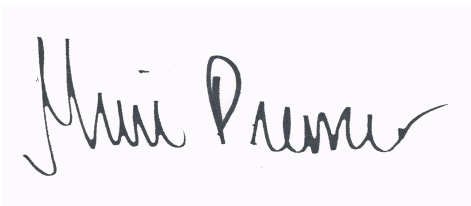
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1907355

Enclosed are the results of analyses for samples received by Summit Scientific on 07/30/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-63@19'	1907355-01	Soil	07/30/19 12:30	07/30/19 16:00
SS-64@19'	1907355-02	Soil	07/30/19 12:35	07/30/19 16:00
SS-65@19'	1907355-03	Soil	07/30/19 12:40	07/30/19 16:00
SS-66@19'	1907355-04	Soil	07/30/19 12:45	07/30/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

SS-63@19'
1907355-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/30/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1907417	07/30/19	07/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	39	0.50	"	"	"	"	"	"	

Date Sampled: **07/30/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		84.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		160 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/30/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2100	50	mg/kg	1	1907403	07/30/19	07/31/19	EPA 8015M	

Date Sampled: **07/30/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		140 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

SS-64@19'
1907355-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/30/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907417	07/30/19	07/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.059	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	10	0.50	"	"	"	"	"	"	

Date Sampled: **07/30/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		81.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/30/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	520	50	mg/kg	1	1907403	07/30/19	07/31/19	EPA 8015M	

Date Sampled: **07/30/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

SS-65@19'
1907355-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/30/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1907417	07/30/19	07/31/19	EPA 8260B	
Toluene	0.0095	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.043	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.13	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.8	0.50	"	"	"	"	"	"	

Date Sampled: **07/30/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/30/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	600	50	mg/kg	1	1907403	07/30/19	07/31/19	EPA 8015M	

Date Sampled: **07/30/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		122 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

SS-66@19'
1907355-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/30/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1907417	07/30/19	07/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4.5	0.50	"	"	"	"	"	"	

Date Sampled: **07/30/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		80.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/30/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1500	50	mg/kg	1	1907403	07/30/19	07/31/19	EPA 8015M	

Date Sampled: **07/30/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		139 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

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 1907417 - EPA 5030 Soil MS

Blank (1907417-BLK1)

Prepared: 07/30/19 Analyzed: 07/31/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0236		"	0.0400		59.0	23-173			
Surrogate: Toluene-d8	0.0356		"	0.0400		89.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0356		"	0.0400		89.1	21-167			

LCS (1907417-BS1)

Prepared: 07/30/19 Analyzed: 07/31/19

Benzene	0.0791	0.0020	mg/kg	0.100		79.1	70-130			
Toluene	0.0841	0.0050	"	0.100		84.1	70-130			
Ethylbenzene	0.112	0.0050	"	0.100		112	70-130			
m,p-Xylene	0.233	0.010	"	0.200		117	70-130			
o-Xylene	0.100	0.0050	"	0.100		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0252		"	0.0400		62.9	23-173			
Surrogate: Toluene-d8	0.0368		"	0.0400		92.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0364		"	0.0400		90.9	21-167			

Matrix Spike (1907417-MS1)

Source: 1907354-01

Prepared: 07/30/19 Analyzed: 07/31/19

Benzene	0.0794	0.0020	mg/kg	0.100	ND	79.4	70-130			
Toluene	0.0856	0.0050	"	0.100	ND	85.6	70-130			
Ethylbenzene	0.113	0.0050	"	0.100	ND	113	70-130			
m,p-Xylene	0.231	0.010	"	0.200	ND	115	70-130			
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0246		"	0.0400		61.4	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

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 1907417 - EPA 5030 Soil MS

Matrix Spike Dup (1907417-MSD1)		Source: 1907354-01			Prepared: 07/30/19 Analyzed: 07/31/19					
Benzene	0.0810	0.0020	mg/kg	0.100	ND	81.0	70-130	1.98	30	
Toluene	0.0873	0.0050	"	0.100	ND	87.3	70-130	1.94	30	
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130	2.00	30	
m,p-Xylene	0.226	0.010	"	0.200	ND	113	70-130	2.14	30	
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130	0.120	30	
Surrogate: 1,2-Dichloroethane-d4	0.0271		"	0.0400		67.6	23-173			
Surrogate: Toluene-d8	0.0379		"	0.0400		94.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0356		"	0.0400		89.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1907403 - EPA 3550A

Blank (1907403-BLK1)

Prepared & Analyzed: 07/30/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1907403-BS1)

Prepared & Analyzed: 07/30/19

C10-C28 (DRO) 545 50 mg/kg 500 109 70-130

Matrix Spike (1907403-MS1)

Source: 1907354-01

Prepared & Analyzed: 07/30/19

C10-C28 (DRO) 572 50 mg/kg 500 34.7 107 70-130

Matrix Spike Dup (1907403-MSD1)

Source: 1907354-01

Prepared: 07/30/19 Analyzed: 07/31/19

C10-C28 (DRO) 573 50 mg/kg 500 34.7 108 70-130 0.177 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
07/31/19 16:48

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 08, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908054

Enclosed are the results of analyses for samples received by Summit Scientific on 08/07/19 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-67@20'	1908054-01	Soil	08/07/19 14:20	08/07/19 16:30
SS-68@20'	1908054-02	Soil	08/07/19 14:25	08/07/19 16:30
SS-69@20'	1908054-03	Soil	08/07/19 14:30	08/07/19 16:30
SS-70@20'	1908054-04	Soil	08/07/19 14:35	08/07/19 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

SS-67@20'
1908054-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/07/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.017	0.0020	mg/kg	1	1908096	08/07/19	08/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **08/07/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		83.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/07/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	320	50	mg/kg	1	1908082	08/07/19	08/07/19	EPA 8015M	

Date Sampled: **08/07/19 14:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

SS-68@20'
1908054-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/07/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0072	0.0020	mg/kg	1	1908096	08/07/19	08/08/19	EPA 8260B	
Toluene	0.014	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0096	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.034	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.4	0.50	"	"	"	"	"	"	

Date Sampled: **08/07/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85.6 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.3 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/07/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	100	50	mg/kg	1	1908082	08/07/19	08/07/19	EPA 8015M	

Date Sampled: **08/07/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		113 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

SS-69@20'
1908054-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/07/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.013	0.0020	mg/kg	1	1908096	08/07/19	08/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.6	0.50	"	"	"	"	"	"	

Date Sampled: **08/07/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/07/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908082	08/07/19	08/07/19	EPA 8015M	

Date Sampled: **08/07/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

SS-70@20'
1908054-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/07/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908096	08/07/19	08/08/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.96	0.50	"	"	"	"	"	"	

Date Sampled: **08/07/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/07/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908082	08/07/19	08/07/19	EPA 8015M	

Date Sampled: **08/07/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

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 1908096 - EPA 5030 Soil MS

Blank (1908096-BLK1)

Prepared: 08/07/19 Analyzed: 08/08/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.4	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400		105	21-167			

LCS (1908096-BS1)

Prepared: 08/07/19 Analyzed: 08/08/19

Benzene	0.0992	0.0020	mg/kg	0.100		99.2	70-130			
Toluene	0.0776	0.0050	"	0.100		77.6	70-130			
Ethylbenzene	0.0748	0.0050	"	0.100		74.8	70-130			
m,p-Xylene	0.149	0.010	"	0.200		74.3	70-130			
o-Xylene	0.0730	0.0050	"	0.100		73.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0420		"	0.0400		105	21-167			

Matrix Spike (1908096-MS1)

Source: 1908052-01

Prepared: 08/07/19 Analyzed: 08/08/19

Benzene	0.0991	0.0020	mg/kg	0.100	ND	99.1	70-130			
Toluene	0.0758	0.0050	"	0.100	ND	75.8	70-130			
Ethylbenzene	0.0765	0.0050	"	0.100	ND	76.5	70-130			
m,p-Xylene	0.152	0.010	"	0.200	ND	75.9	70-130			
o-Xylene	0.0745	0.0050	"	0.100	ND	74.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0361		"	0.0400		90.2	23-173			
Surrogate: Toluene-d8	0.0412		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

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 1908096 - EPA 5030 Soil MS

Matrix Spike Dup (1908096-MSD1)		Source: 1908052-01			Prepared: 08/07/19 Analyzed: 08/08/19					
Benzene	0.0992	0.0020	mg/kg	0.100	ND	99.2	70-130	0.0303	30	
Toluene	0.0775	0.0050	"	0.100	ND	77.5	70-130	2.19	30	
Ethylbenzene	0.0795	0.0050	"	0.100	ND	79.5	70-130	3.85	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	78.9	70-130	3.86	30	
o-Xylene	0.0767	0.0050	"	0.100	ND	76.7	70-130	2.94	30	
Surrogate: 1,2-Dichloroethane-d4	0.0335		"	0.0400		83.8	23-173			
Surrogate: Toluene-d8	0.0418		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400		105	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908082 - EPA 3550A

Blank (1908082-BLK1)

Prepared: 08/07/19 Analyzed: 08/08/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908082-BS1)

Prepared: 08/07/19 Analyzed: 08/08/19

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

Matrix Spike (1908082-MS1)

Source: 1908052-01

Prepared: 08/07/19 Analyzed: 08/08/19

C10-C28 (DRO) 510 50 mg/kg 500 10.1 100 70-130

Matrix Spike Dup (1908082-MSD1)

Source: 1908052-01

Prepared: 08/07/19 Analyzed: 08/08/19

C10-C28 (DRO) 496 50 mg/kg 500 10.1 97.3 70-130 2.77 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/08/19 06:25

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 15, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908175

Enclosed are the results of analyses for samples received by Summit Scientific on 08/14/19 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-12@18'	1908175-01	Soil	08/14/19 12:15	08/14/19 16:45
BH-13@18'	1908175-02	Soil	08/14/19 12:20	08/14/19 16:45
BH-14@18'	1908175-03	Soil	08/14/19 12:25	08/14/19 16:45
BH-15@16.5'	1908175-04	Soil	08/14/19 12:30	08/14/19 16:45
BH-16@16.5'	1908175-05	Soil	08/14/19 12:35	08/14/19 16:45
BH-17@18'	1908175-06	Soil	08/14/19 12:40	08/14/19 16:45
SS-71@17'	1908175-07	Soil	08/14/19 12:45	08/14/19 16:45
SS-72@17'	1908175-08	Soil	08/14/19 12:50	08/14/19 16:45
SS-73@10'	1908175-09	Soil	08/14/19 12:55	08/14/19 16:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-12@18'
1908175-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.082	0.020	mg/kg	10	1908184	08/14/19	08/14/19	EPA 8260B	
Toluene	0.066	0.050	"	"	"	"	"	"	
Ethylbenzene	0.073	0.050	"	"	"	"	"	"	
Xylenes (total)	0.67	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	23	5.0	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		87.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-13@18'
1908175-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.70	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-14@18'
1908175-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.71	0.020	mg/kg	10	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	4.6	0.050	"	"	"	"	"	"	
Ethylbenzene	5.5	0.050	"	"	"	"	"	"	
Xylenes (total)	19	0.10	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1200	5.0	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		154 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		88.4 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		236 %	21-167		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1900	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		268 %	30-150		"	"	"	"	S-02

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-15@16.5'
1908175-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.64	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-16@16.5'
1908175-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

BH-17@18'
1908175-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

SS-71@17'
1908175-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

SS-72@17'
1908175-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:50**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

SS-73@10'
1908175-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/14/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908184	08/14/19	08/15/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/14/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/14/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908183	08/14/19	08/14/19	EPA 8015M	

Date Sampled: **08/14/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

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 1908184 - EPA 5030 Soil MS

Blank (1908184-BLK1)

Prepared & Analyzed: 08/14/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.6	23-173			
Surrogate: Toluene-d8	0.0337		"	0.0400		84.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.4	21-167			

LCS (1908184-BS1)

Prepared & Analyzed: 08/14/19

Benzene	0.0779	0.0020	mg/kg	0.100		77.9	70-130			
Toluene	0.0876	0.0050	"	0.100		87.6	70-130			
Ethylbenzene	0.0905	0.0050	"	0.100		90.5	70-130			
m,p-Xylene	0.210	0.010	"	0.200		105	70-130			
o-Xylene	0.0905	0.0050	"	0.100		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	23-173			
Surrogate: Toluene-d8	0.0339		"	0.0400		84.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

Matrix Spike (1908184-MS1)

Source: 1908173-01

Prepared & Analyzed: 08/14/19

Benzene	0.0848	0.0020	mg/kg	0.100	ND	84.8	70-130			
Toluene	0.0875	0.0050	"	0.100	ND	87.5	70-130			
Ethylbenzene	0.0953	0.0050	"	0.100	ND	95.3	70-130			
m,p-Xylene	0.206	0.010	"	0.200	ND	103	70-130			
o-Xylene	0.0946	0.0050	"	0.100	ND	94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0360		"	0.0400		90.1	23-173			
Surrogate: Toluene-d8	0.0346		"	0.0400		86.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

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 1908184 - EPA 5030 Soil MS

Matrix Spike Dup (1908184-MSD1)		Source: 1908173-01			Prepared & Analyzed: 08/14/19					
Benzene	0.0877	0.0020	mg/kg	0.100	ND	87.7	70-130	3.27	30	
Toluene	0.0866	0.0050	"	0.100	ND	86.6	70-130	1.03	30	
Ethylbenzene	0.0905	0.0050	"	0.100	ND	90.5	70-130	5.20	30	
m,p-Xylene	0.203	0.010	"	0.200	ND	101	70-130	1.70	30	
o-Xylene	0.0908	0.0050	"	0.100	ND	90.8	70-130	4.18	30	
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.7	23-173			
Surrogate: Toluene-d8	0.0347		"	0.0400		86.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908183 - EPA 3550A

Blank (1908183-BLK1)

Prepared & Analyzed: 08/14/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908183-BS1)

Prepared & Analyzed: 08/14/19

C10-C28 (DRO) 496 50 mg/kg 500 99.1 70-130

Matrix Spike (1908183-MS1)

Source: 1908173-01

Prepared & Analyzed: 08/14/19

C10-C28 (DRO) 517 50 mg/kg 500 11.8 101 70-130

Matrix Spike Dup (1908183-MSD1)

Source: 1908173-01

Prepared: 08/14/19 Analyzed: 08/15/19

C10-C28 (DRO) 501 50 mg/kg 500 11.8 97.9 70-130 3.07 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/15/19 16:08

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 20, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908216

Enclosed are the results of analyses for samples received by Summit Scientific on 08/19/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-14@18.5'	1908216-01	Soil	08/19/19 14:00	08/19/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

BH-14@18.5'
1908216-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/19/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.065	0.0020	mg/kg	1	1908243	08/19/19	08/20/19	EPA 8260B	
Toluene	0.14	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.11	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.51	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	110	50	"	100	"	"	"	"	

Date Sampled: **08/19/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		124 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/19/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	2200	50	mg/kg	1	1908229	08/19/19	08/19/19	EPA 8015M	

Date Sampled: **08/19/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		144 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

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 1908243 - EPA 5030 Soil MS

Blank (1908243-BLK1)

Prepared & Analyzed: 08/19/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0352		"	0.0400		87.9	23-173			
Surrogate: Toluene-d8	0.0351		"	0.0400		87.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	21-167			

LCS (1908243-BS1)

Prepared & Analyzed: 08/19/19

Benzene	0.0917	0.0020	mg/kg	0.100		91.7	70-130			
Toluene	0.0920	0.0050	"	0.100		92.0	70-130			
Ethylbenzene	0.0958	0.0050	"	0.100		95.8	70-130			
m,p-Xylene	0.189	0.010	"	0.200		94.6	70-130			
o-Xylene	0.0922	0.0050	"	0.100		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0378		"	0.0400		94.4	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1908243-MS1)

Source: 1908214-01

Prepared & Analyzed: 08/19/19

Benzene	0.0918	0.0020	mg/kg	0.100	ND	91.8	70-130			
Toluene	0.0922	0.0050	"	0.100	ND	92.2	70-130			
Ethylbenzene	0.0964	0.0050	"	0.100	ND	96.4	70-130			
m,p-Xylene	0.192	0.010	"	0.200	0.00477	93.4	70-130			
o-Xylene	0.0914	0.0050	"	0.100	ND	91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0369		"	0.0400		92.3	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

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 1908243 - EPA 5030 Soil MS

Matrix Spike Dup (1908243-MSD1)		Source: 1908214-01			Prepared & Analyzed: 08/19/19					
Benzene	0.0917	0.0020	mg/kg	0.100	ND	91.7	70-130	0.0981	30	
Toluene	0.0925	0.0050	"	0.100	ND	92.5	70-130	0.390	30	
Ethylbenzene	0.0971	0.0050	"	0.100	ND	97.1	70-130	0.682	30	
m,p-Xylene	0.196	0.010	"	0.200	0.00477	95.8	70-130	2.47	30	
o-Xylene	0.0928	0.0050	"	0.100	ND	92.8	70-130	1.60	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	0.0380		"	0.0400		95.0	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908229 - EPA 3550A

Blank (1908229-BLK1)

Prepared & Analyzed: 08/19/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908229-BS1)

Prepared & Analyzed: 08/19/19

C10-C28 (DRO) 566 50 mg/kg 500 113 70-130

Matrix Spike (1908229-MS1)

Source: 1908212-01

Prepared & Analyzed: 08/19/19

C10-C28 (DRO) 516 50 mg/kg 500 18.0 99.7 70-130

Matrix Spike Dup (1908229-MSD1)

Source: 1908212-01

Prepared & Analyzed: 08/19/19

C10-C28 (DRO) 494 50 mg/kg 500 18.0 95.3 70-130 4.35 20

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/20/19 06:39

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 26, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

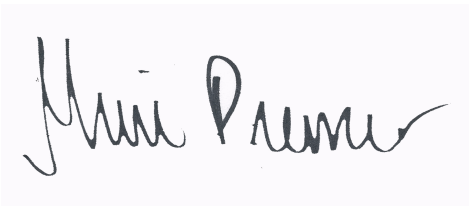
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908265

Enclosed are the results of analyses for samples received by Summit Scientific on 08/21/19 15:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
08/26/19 11:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR A1	1908265-01	Soil	08/21/19 10:50	08/21/19 15:40
CR A2	1908265-02	Soil	08/21/19 10:55	08/21/19 15:40
CR A3	1908265-03	Soil	08/21/19 11:00	08/21/19 15:40
CR A4	1908265-04	Soil	08/21/19 11:05	08/21/19 15:40
CR A5	1908265-05	Soil	08/21/19 11:10	08/21/19 15:40
CR A6	1908265-06	Soil	08/21/19 11:15	08/21/19 15:40
CR A7	1908265-07	Soil	08/21/19 11:20	08/21/19 15:40
CR A8	1908265-08	Soil	08/21/19 11:25	08/21/19 15:40
CR A9	1908265-09	Soil	08/21/19 11:30	08/21/19 15:40
CR A10	1908265-10	Soil	08/21/19 11:35	08/21/19 15:40
CR A11	1908265-11	Soil	08/21/19 11:40	08/21/19 15:40
CR A12	1908265-12	Soil	08/21/19 11:45	08/21/19 15:40
CR A13	1908265-13	Soil	08/21/19 11:50	08/21/19 15:40
CR A14	1908265-14	Soil	08/21/19 11:55	08/21/19 15:40
CR A15	1908265-15	Soil	08/21/19 12:00	08/21/19 15:40
CR A16	1908265-16	Soil	08/21/19 12:05	08/21/19 15:40
CR A17	1908265-17	Soil	08/21/19 12:10	08/21/19 15:40
CR A18	1908265-18	Soil	08/21/19 12:15	08/21/19 15:40
CR A19	1908265-19	Soil	08/21/19 12:20	08/21/19 15:40
CR A20	1908265-20	Soil	08/21/19 12:25	08/21/19 15:40
CR A21	1908265-21	Soil	08/21/19 12:30	08/21/19 15:40
CR A22	1908265-22	Soil	08/21/19 12:35	08/21/19 15:40
CR A23	1908265-23	Soil	08/21/19 12:40	08/21/19 15:40
CR A24	1908265-24	Soil	08/21/19 12:45	08/21/19 15:40
CR A25	1908265-25	Soil	08/21/19 12:50	08/21/19 15:40
CR A26	1908265-26	Soil	08/21/19 12:55	08/21/19 15:40
CR A27	1908265-27	Soil	08/21/19 13:00	08/21/19 15:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
08/26/19 11:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR A28	1908265-28	Soil	08/21/19 13:05	08/21/19 15:40
CR A29	1908265-29	Soil	08/21/19 13:10	08/21/19 15:40
CR A30	1908265-30	Soil	08/21/19 13:15	08/21/19 15:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 3

Client: Talon/LPE -Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jennifer Galles/Jason Leverton

Project Manager: Jason Leverton
E-Mail: jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions			
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH												
CR A1	8/21/2019	10:50	1			x			x				x	x											
CR A2	8/21/2019	10:55	1			x			x				x	x											
CR A3	8/21/2019	11:00	1			x			x				x	x											
CR A4	8/21/2019	11:05	1			x			x				x	x											
CR A5	8/21/2019	11:10	1			x			x				x	x											
CR A6	8/21/2019	11:15	1			x			x				x	x											
CR A7	8/21/2019	11:20	1			x			x				x	x											
CR A8	8/21/2019	11:25	1			x			x				x	x											
CR A9	8/21/2019	11:30	1			x			x				x	x											
CR A10	8/21/2019	11:35	1			x			x				x	x											

Relinquished by: <i>Jennifer Galles</i>	Date/Time: 8/21/19 1540	Received by: <i>[Signature]</i>	Date/Time: 8/21/19 1540	Turn Around Time (Check)
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/>
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	24 Hours <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	48 Hours <input type="checkbox"/>
Sample Integrity:				Temperature Upon Receipt: 47
Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 2 of 3

Client: Talon/LPE -Bill to Whiting
Address: 1811 East Mulberry
City/State/Zip: Fort Collins, CO 80524
Phone: 970-818-5330 Fax:
Sampler Name: Jennifer Galles/Jason Leverton

Project Manager: Jason Leverton
E-Mail: jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name: Razor 271
Project Number: 701530.054.06

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:										Special Instructions				
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	BTEX	TPH													
CR A11	8/21/2019	11:40	1			x			x				x	x												
CR A12	8/21/2019	11:45	1			x			x				x	x												
CR A13	8/21/2019	11:50	1			x			x				x	x												
CR A14	8/21/2019	11:55	1			x			x				x	x												
CR A15	8/21/2019	12:00	1			x			x				x	x												
CR A16	8/21/2019	12:05	1			x			x				x	x												
CR A17	8/21/2019	12:10	1			x			x				x	x												
CR A18	8/21/2019	12:15	1			x			x				x	x												
CR A19	8/21/2019	12:20	1			x			x				x	x												
CR A20	8/21/2019	12:25	1			x			x				x	x												
Relinquished by: <i>Jennifer Galles</i> 8/21/19 1540				Date/Time: 8/21/19 1540				Received by: <i>[Signature]</i> 8/21/19 1540				Date/Time: 8/21/19 1540				Turn Around Time (Check)										
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/>										
Relinquished by:				Date/Time:				Received by:				Date/Time:				24 Hours <input type="checkbox"/> Standard <input type="checkbox"/>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				48 Hours <input type="checkbox"/>										Sample Integrity: <i>4.7</i>
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Temperature Upon Receipt: <i>4.7</i>										
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:				Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA1
1908265-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		89.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A2
1908265-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 10:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 10:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 10:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	95	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 10:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A3
1908265-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	100	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A4
1908265-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A5
1908265-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A6
1908265-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/22/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A7
1908265-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	94	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A8
1908265-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A9
1908265-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA10
1908265-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA11
1908265-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA12
1908265-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A13
1908265-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A14
1908265-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	130	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA15
1908265-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA16
1908265-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA17
1908265-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A18
1908265-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CRA19
1908265-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	140	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A20
1908265-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908302	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908300	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A21
1908265-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A22
1908265-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A23
1908265-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A24
1908265-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A25
1908265-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	71	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A26
1908265-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A27
1908265-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	58	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		95.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A28
1908265-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A29
1908265-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

CR A30
1908265-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/21/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908303	08/22/19	08/23/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/21/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/21/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908301	08/22/19	08/23/19	EPA 8015M	

Date Sampled: **08/21/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

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 1908302 - EPA 5030 Soil MS

Blank (1908302-BLK1)

Prepared & Analyzed: 08/22/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0326		"	0.0400		81.6	23-173			
Surrogate: Toluene-d8	0.0364		"	0.0400		91.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1908302-BS1)

Prepared & Analyzed: 08/22/19

Benzene	0.0906	0.0020	mg/kg	0.100		90.6	70-130			
Toluene	0.0932	0.0050	"	0.100		93.2	70-130			
Ethylbenzene	0.0940	0.0050	"	0.100		94.0	70-130			
m,p-Xylene	0.191	0.010	"	0.200		95.3	70-130			
o-Xylene	0.0925	0.0050	"	0.100		92.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0338		"	0.0400		84.4	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1908302-MS1)

Source: 1908265-01

Prepared & Analyzed: 08/22/19

Benzene	0.0907	0.0020	mg/kg	0.100	ND	90.7	70-130			
Toluene	0.0943	0.0050	"	0.100	ND	94.3	70-130			
Ethylbenzene	0.0963	0.0050	"	0.100	ND	96.3	70-130			
m,p-Xylene	0.194	0.010	"	0.200	ND	97.1	70-130			
o-Xylene	0.0958	0.0050	"	0.100	ND	95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0353		"	0.0400		88.4	23-173			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

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 1908302 - EPA 5030 Soil MS

Matrix Spike Dup (1908302-MSD1)

Source: 1908265-01

Prepared & Analyzed: 08/22/19

Benzene	0.0869	0.0020	mg/kg	0.100	ND	86.9	70-130	4.29	30	
Toluene	0.0902	0.0050	"	0.100	ND	90.2	70-130	4.52	30	
Ethylbenzene	0.0923	0.0050	"	0.100	ND	92.3	70-130	4.23	30	
m,p-Xylene	0.188	0.010	"	0.200	ND	93.8	70-130	3.54	30	
o-Xylene	0.0928	0.0050	"	0.100	ND	92.8	70-130	3.18	30	
Surrogate: 1,2-Dichloroethane-d4	0.0350		"	0.0400		87.5	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		93.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	21-167			

Batch 1908303 - EPA 5030 Soil MS

Blank (1908303-BLK1)

Prepared: 08/22/19 Analyzed: 08/23/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.8	23-173			
Surrogate: Toluene-d8	0.0335		"	0.0400		83.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.6	21-167			

LCS (1908303-BS1)

Prepared & Analyzed: 08/22/19

Benzene	0.0712	0.0020	mg/kg	0.100		71.2	70-130			
Toluene	0.0750	0.0050	"	0.100		75.0	70-130			
Ethylbenzene	0.0788	0.0050	"	0.100		78.8	70-130			
m,p-Xylene	0.153	0.010	"	0.200		76.7	70-130			
o-Xylene	0.0775	0.0050	"	0.100		77.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0328		"	0.0400		82.0	23-173			
Surrogate: Toluene-d8	0.0371		"	0.0400		92.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

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 1908303 - EPA 5030 Soil MS

Matrix Spike (1908303-MS1)		Source: 1908265-21			Prepared & Analyzed: 08/22/19					
Benzene	0.0748	0.0020	mg/kg	0.100	ND	74.8	70-130			
Toluene	0.0733	0.0050	"	0.100	ND	73.3	70-130			
Ethylbenzene	0.0760	0.0050	"	0.100	ND	76.0	70-130			
m,p-Xylene	0.146	0.010	"	0.200	ND	73.1	70-130			
o-Xylene	0.0754	0.0050	"	0.100	ND	75.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0323		"	0.0400		80.7	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		93.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0363		"	0.0400		90.8	21-167			
Matrix Spike Dup (1908303-MSD1)		Source: 1908265-21			Prepared & Analyzed: 08/22/19					
Benzene	0.0718	0.0020	mg/kg	0.100	ND	71.8	70-130	4.05	30	
Toluene	0.0786	0.0050	"	0.100	ND	78.6	70-130	6.95	30	
Ethylbenzene	0.0850	0.0050	"	0.100	ND	85.0	70-130	11.1	30	
m,p-Xylene	0.165	0.010	"	0.200	ND	82.4	70-130	11.9	30	
o-Xylene	0.0824	0.0050	"	0.100	ND	82.4	70-130	8.93	30	
Surrogate: 1,2-Dichloroethane-d4	0.0327		"	0.0400		81.8	23-173			
Surrogate: Toluene-d8	0.0357		"	0.0400		89.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

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 1908300 - EPA 3550A

Blank (1908300-BLK1)

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908300-BS1)

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 511 50 mg/kg 500 102 70-130

Matrix Spike (1908300-MS1)

Source: 1908265-01

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 554 50 mg/kg 500 ND 111 70-130

Matrix Spike Dup (1908300-MSD1)

Source: 1908265-01

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 580 50 mg/kg 500 ND 116 70-130 4.67 20

Batch 1908301 - EPA 3550A

Blank (1908301-BLK1)

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908301-BS1)

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 468 50 mg/kg 500 93.7 70-130

Matrix Spike (1908301-MS1)

Source: 1908231-02

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 467 50 mg/kg 500 19.1 89.7 70-130

Matrix Spike Dup (1908301-MSD1)

Source: 1908231-02

Prepared: 08/22/19 Analyzed: 08/23/19

C10-C28 (DRO) 458 50 mg/kg 500 19.1 87.8 70-130 1.97 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 11:06

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 26, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I Crude

Work Order # 1908290

Enclosed are the results of analyses for samples received by Summit Scientific on 08/23/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
08/26/19 06:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island E1	1908290-01	Soil	08/23/19 14:40	08/23/19 15:30
Island BH1	1908290-02	Soil	08/23/19 14:45	08/23/19 15:30
Island W1	1908290-03	Soil	08/23/19 14:50	08/23/19 15:30

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 06:05

Island E1
1908290-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		99.1 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		87.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %		21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 06:05

Island BH1
1908290-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 06:05

Island W1
1908290-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.022	0.0020	mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	0.010	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.012	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.1	0.010	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		543 %	21-167		"	"	"	"	QM-07

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 06:05

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 1908321 - EPA 5030 Soil MS

Blank (1908321-BLK1)

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.5	23-173			
Surrogate: Toluene-d8	0.0334		"	0.0400		83.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	21-167			

LCS (1908321-BS1)

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0729	0.0020	mg/kg	0.100		72.9	70-130			
Toluene	0.0700	0.0050	"	0.100		70.0	70-130			
Ethylbenzene	0.0758	0.0050	"	0.100		75.8	70-130			
m,p-Xylene	0.145	0.010	"	0.200		72.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0324		"	0.0400		80.9	23-173			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.8	21-167			

Matrix Spike (1908321-MS1)

Source: 1908272-01

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0768	0.0020	mg/kg	0.100	ND	76.8	70-130			
Toluene	0.0733	0.0050	"	0.100	ND	73.3	70-130			
Ethylbenzene	0.0802	0.0050	"	0.100	ND	80.2	70-130			
m,p-Xylene	0.149	0.010	"	0.200	ND	74.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0341		"	0.0400		85.4	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.2	21-167			

Matrix Spike Dup (1908321-MSD1)

Source: 1908272-01

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0801	0.0020	mg/kg	0.100	ND	80.1	70-130	4.28	30	
Toluene	0.0708	0.0050	"	0.100	ND	70.8	70-130	3.54	30	
Ethylbenzene	0.0782	0.0050	"	0.100	ND	78.2	70-130	2.42	30	
m,p-Xylene	0.146	0.010	"	0.200	ND	72.8	70-130	2.28	30	
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	23-173			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0357		"	0.0400		89.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 06:05

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 26, 2019

Jason Leverton

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I Crude

Work Order # 1908290

Enclosed are the results of analyses for samples received by Summit Scientific on 08/23/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jason Leverton

Reported:
08/26/19 14:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island E1	1908290-01	Soil	08/23/19 14:40	08/23/19 15:30
Island BH1	1908290-02	Soil	08/23/19 14:45	08/23/19 15:30
Island W1	1908290-03	Soil	08/23/19 14:50	08/23/19 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

Island E1
1908290-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1100	50	mg/kg	1	1908328	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

Island BH1
1908290-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.64	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908328	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

Island W1
1908290-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.022	0.0020	mg/kg	1	1908321	08/23/19	08/24/19	EPA 8260B	
Toluene	0.010	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.012	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.1	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	310	5.0	"	10	"	"	08/24/19	"	

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		128 %	23-173		"	"	08/24/19	"	
<i>Surrogate: Toluene-d8</i>		105 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		543 %	21-167		"	"	"	"	QM-07

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	30000	50	mg/kg	1	1908328	08/26/19	08/26/19	EPA 8015M	E

Date Sampled: **08/23/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		491 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

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 1908321 - EPA 5030 Soil MS

Blank (1908321-BLK1)

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.5	23-173			
Surrogate: Toluene-d8	0.0334		"	0.0400		83.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	21-167			

LCS (1908321-BS1)

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0729	0.0020	mg/kg	0.100		72.9	70-130			
Toluene	0.0700	0.0050	"	0.100		70.0	70-130			
Ethylbenzene	0.0758	0.0050	"	0.100		75.8	70-130			
m,p-Xylene	0.145	0.010	"	0.200		72.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0324		"	0.0400		80.9	23-173			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.8	21-167			

Matrix Spike (1908321-MS1)

Source: 1908272-01

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0768	0.0020	mg/kg	0.100	ND	76.8	70-130			
Toluene	0.0733	0.0050	"	0.100	ND	73.3	70-130			
Ethylbenzene	0.0802	0.0050	"	0.100	ND	80.2	70-130			
m,p-Xylene	0.149	0.010	"	0.200	ND	74.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0341		"	0.0400		85.4	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.2	21-167			

Matrix Spike Dup (1908321-MSD1)

Source: 1908272-01

Prepared: 08/23/19 Analyzed: 08/24/19

Benzene	0.0801	0.0020	mg/kg	0.100	ND	80.1	70-130	4.28	30	
Toluene	0.0708	0.0050	"	0.100	ND	70.8	70-130	3.54	30	
Ethylbenzene	0.0782	0.0050	"	0.100	ND	78.2	70-130	2.42	30	
m,p-Xylene	0.146	0.010	"	0.200	ND	72.8	70-130	2.28	30	
Surrogate: 1,2-Dichloroethane-d4	0.0363		"	0.0400		90.8	23-173			
Surrogate: Toluene-d8	0.0352		"	0.0400		88.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0357		"	0.0400		89.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908328 - EPA 3550A

Blank (1908328-BLK1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908328-BS1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 537 50 mg/kg 500 107 70-130

Matrix Spike (1908328-MS1)

Source: 1908290-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 2120 50 mg/kg 500 1090 207 70-130 QM-07

Matrix Spike Dup (1908328-MSD1)

Source: 1908290-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 1860 50 mg/kg 500 1090 154 70-130 13.3 20 QM-07

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude

Project Number: 701530.054.06
Project Manager: Jason Leverton

Reported:
08/26/19 14:37

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 27, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

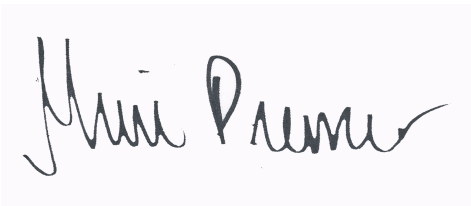
Fort Collins, CO 80525

RE: Razor 27I Crude

Work Order # 1908293

Enclosed are the results of analyses for samples received by Summit Scientific on 08/23/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A31	1908293-01	Soil	08/22/19 13:50	08/23/19 15:30
A32	1908293-02	Soil	08/22/19 13:55	08/23/19 15:30
A33	1908293-03	Soil	08/22/19 14:00	08/23/19 15:30
A34	1908293-04	Soil	08/22/19 14:05	08/23/19 15:30
A35	1908293-05	Soil	08/22/19 14:10	08/23/19 15:30
A36	1908293-06	Soil	08/22/19 14:15	08/23/19 15:30
A37	1908293-07	Soil	08/22/19 14:20	08/23/19 15:30
A38	1908293-08	Soil	08/22/19 14:25	08/23/19 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	krogowski@talonlpe.com
Project Name:	Razor 27I Crude
Project Number:	701530.054.06

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order

1908293

Client:

Talon/LPE

Client Project ID:

RAZOR ZFI Crude

Shipped Via: H.D./P.D./FedEx/UPS/USPS/Other

Airbill #:

Matrix (check all that apply):

Air

☒

Soil/Solid

Water

Other:

(Describe)

Temp (°C)

5.1

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>			48 hour TAT
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Custodian Printed Name or Initials

TC

Signature of Custodian

08/23/19Date/Time **1630**



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A31
1908293-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A32
1908293-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A33
1908293-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A34
1908293-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A35
1908293-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		86.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A36
1908293-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		90.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A37
1908293-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

A38
1908293-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/22/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/22/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/22/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/22/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

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 1908324 - EPA 5030 Soil MS

Blank (1908324-BLK1)

Prepared & Analyzed: 08/25/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0352		"	0.0400		88.0	23-173			
Surrogate: Toluene-d8	0.0346		"	0.0400		86.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.6	21-167			

LCS (1908324-BS1)

Prepared & Analyzed: 08/25/19

Benzene	0.0744	0.0020	mg/kg	0.100		74.4	70-130			
Toluene	0.0730	0.0050	"	0.100		73.0	70-130			
Ethylbenzene	0.0750	0.0050	"	0.100		75.0	70-130			
m,p-Xylene	0.145	0.010	"	0.200		72.7	70-130			
o-Xylene	0.0742	0.0050	"	0.100		74.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0334		"	0.0400		83.5	23-173			
Surrogate: Toluene-d8	0.0367		"	0.0400		91.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.5	21-167			

Matrix Spike (1908324-MS1)

Source: 1908293-01

Prepared & Analyzed: 08/25/19

Benzene	0.0740	0.0020	mg/kg	0.100	ND	74.0	70-130			
Toluene	0.0729	0.0050	"	0.100	ND	72.9	70-130			
Ethylbenzene	0.0781	0.0050	"	0.100	ND	78.1	70-130			
m,p-Xylene	0.151	0.010	"	0.200	ND	75.3	70-130			
o-Xylene	0.0758	0.0050	"	0.100	ND	75.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0329		"	0.0400		82.3	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0367		"	0.0400		91.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

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 1908324 - EPA 5030 Soil MS

Matrix Spike Dup (1908324-MSD1)		Source: 1908293-01			Prepared & Analyzed: 08/25/19					
Benzene	0.0743	0.0020	mg/kg	0.100	ND	74.3	70-130	0.324	30	
Toluene	0.0721	0.0050	"	0.100	ND	72.1	70-130	1.03	30	
Ethylbenzene	0.0783	0.0050	"	0.100	ND	78.3	70-130	0.307	30	
m,p-Xylene	0.150	0.010	"	0.200	ND	74.9	70-130	0.619	30	
o-Xylene	0.0757	0.0050	"	0.100	ND	75.7	70-130	0.238	30	
Surrogate: 1,2-Dichloroethane-d4	0.0330		"	0.0400		82.6	23-173			
Surrogate: Toluene-d8	0.0355		"	0.0400		88.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908329 - EPA 3550A

Blank (1908329-BLK1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908329-BS1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 491 50 mg/kg 500 98.2 70-130

Matrix Spike (1908329-MS1)

Source: 1908293-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 537 50 mg/kg 500 30.3 101 70-130

Matrix Spike Dup (1908329-MSD1)

Source: 1908293-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 534 50 mg/kg 500 30.3 101 70-130 0.589 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:16

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 27, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

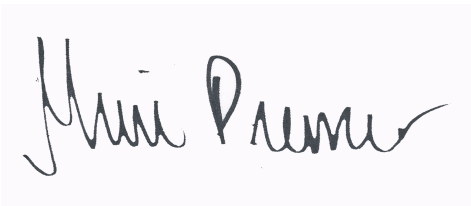
Fort Collins, CO 80525

RE: Razor 27I Crude

Work Order # 1908294

Enclosed are the results of analyses for samples received by Summit Scientific on 08/23/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1	1908294-01	Soil	08/23/19 12:30	08/23/19 15:30
B2	1908294-02	Soil	08/23/19 12:35	08/23/19 15:30
B3	1908294-03	Soil	08/23/19 12:40	08/23/19 15:30
B4	1908294-04	Soil	08/23/19 12:45	08/23/19 15:30
B5	1908294-05	Soil	08/23/19 12:50	08/23/19 15:30
B6	1908294-06	Soil	08/23/19 12:55	08/23/19 15:30
B7	1908294-07	Soil	08/23/19 13:00	08/23/19 15:30
B8	1908294-08	Soil	08/23/19 13:05	08/23/19 15:30
B9	1908294-09	Soil	08/23/19 13:10	08/23/19 15:30
B10	1908294-10	Soil	08/23/19 13:15	08/23/19 15:30
B11	1908294-11	Soil	08/23/19 13:20	08/23/19 15:30
B12	1908294-12	Soil	08/23/19 13:25	08/23/19 15:30
B13	1908294-13	Soil	08/23/19 13:30	08/23/19 15:30
B14	1908294-14	Soil	08/23/19 13:35	08/23/19 15:30
B15	1908294-15	Soil	08/23/19 13:40	08/23/19 15:30
B16	1908294-16	Soil	08/23/19 13:45	08/23/19 15:30
B17	1908294-17	Soil	08/23/19 13:50	08/23/19 15:30
B18	1908294-18	Soil	08/23/19 13:55	08/23/19 15:30
B19	1908294-19	Soil	08/23/19 14:00	08/23/19 15:30
B20	1908294-20	Soil	08/23/19 14:05	08/23/19 15:30
B21	1908294-21	Soil	08/23/19 14:10	08/23/19 15:30
B22	1908294-22	Soil	08/23/19 14:15	08/23/19 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B1
1908294-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		99.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B2
1908294-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B3
1908294-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B4
1908294-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B5
1908294-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		95.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B6
1908294-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		82.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B7
1908294-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B8
1908294-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B9
1908294-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B10
1908294-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/24/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B11
1908294-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B12
1908294-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B13
1908294-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B14
1908294-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B15
1908294-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		98.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B16
1908294-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		86.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/26/19	EPA 8015M	

Date Sampled: **08/23/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.2 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B17
1908294-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B18
1908294-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B19
1908294-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B20
1908294-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908323	08/24/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908330	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B21
1908294-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

B22
1908294-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/23/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908324	08/25/19	08/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/23/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/23/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908329	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/23/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

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 1908323 - EPA 5030 Soil MS

Blank (1908323-BLK1)

Prepared & Analyzed: 08/24/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0354		"	0.0400		88.4	23-173			
Surrogate: Toluene-d8	0.0341		"	0.0400		85.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.3	21-167			

LCS (1908323-BS1)

Prepared & Analyzed: 08/24/19

Benzene	0.0745	0.0020	mg/kg	0.100		74.5	70-130			
Toluene	0.0758	0.0050	"	0.100		75.8	70-130			
Ethylbenzene	0.0764	0.0050	"	0.100		76.4	70-130			
m,p-Xylene	0.146	0.010	"	0.200		72.9	70-130			
o-Xylene	0.0750	0.0050	"	0.100		75.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0332		"	0.0400		82.9	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.3	21-167			

Matrix Spike (1908323-MS1)

Source: 1908294-01

Prepared & Analyzed: 08/24/19

Benzene	0.0737	0.0020	mg/kg	0.100	ND	73.7	70-130			
Toluene	0.0723	0.0050	"	0.100	ND	72.3	70-130			
Ethylbenzene	0.0785	0.0050	"	0.100	ND	78.5	70-130			
m,p-Xylene	0.153	0.010	"	0.200	ND	76.3	70-130			
o-Xylene	0.0767	0.0050	"	0.100	ND	76.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0326		"	0.0400		81.5	23-173			
Surrogate: Toluene-d8	0.0358		"	0.0400		89.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0364		"	0.0400		91.0	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

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 1908323 - EPA 5030 Soil MS

Matrix Spike Dup (1908323-MSD1)			Source: 1908294-01		Prepared & Analyzed: 08/24/19					
Benzene	0.0727	0.0020	mg/kg	0.100	ND	72.7	70-130	1.43	30	
Toluene	0.0742	0.0050	"	0.100	ND	74.2	70-130	2.66	30	
Ethylbenzene	0.0801	0.0050	"	0.100	ND	80.1	70-130	2.01	30	
m,p-Xylene	0.156	0.010	"	0.200	ND	78.0	70-130	2.18	30	
o-Xylene	0.0798	0.0050	"	0.100	ND	79.8	70-130	3.87	30	
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		90.9	23-173			
Surrogate: Toluene-d8	0.0356		"	0.0400		88.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.4	21-167			

Batch 1908324 - EPA 5030 Soil MS

Blank (1908324-BLK1)			Prepared & Analyzed: 08/25/19							
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0352		"	0.0400		88.0	23-173			
Surrogate: Toluene-d8	0.0346		"	0.0400		86.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.6	21-167			

LCS (1908324-BS1)			Prepared & Analyzed: 08/25/19							
Benzene	0.0744	0.0020	mg/kg	0.100		74.4	70-130			
Toluene	0.0730	0.0050	"	0.100		73.0	70-130			
Ethylbenzene	0.0750	0.0050	"	0.100		75.0	70-130			
m,p-Xylene	0.145	0.010	"	0.200		72.7	70-130			
o-Xylene	0.0742	0.0050	"	0.100		74.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0334		"	0.0400		83.5	23-173			
Surrogate: Toluene-d8	0.0367		"	0.0400		91.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.5	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

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 1908324 - EPA 5030 Soil MS

Matrix Spike (1908324-MS1)		Source: 1908293-01			Prepared & Analyzed: 08/25/19					
Benzene	0.0740	0.0020	mg/kg	0.100	ND	74.0	70-130			
Toluene	0.0729	0.0050	"	0.100	ND	72.9	70-130			
Ethylbenzene	0.0781	0.0050	"	0.100	ND	78.1	70-130			
m,p-Xylene	0.151	0.010	"	0.200	ND	75.3	70-130			
o-Xylene	0.0758	0.0050	"	0.100	ND	75.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0329		"	0.0400		82.3	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0367		"	0.0400		91.7	21-167			
Matrix Spike Dup (1908324-MSD1)		Source: 1908293-01			Prepared & Analyzed: 08/25/19					
Benzene	0.0743	0.0020	mg/kg	0.100	ND	74.3	70-130	0.324	30	
Toluene	0.0721	0.0050	"	0.100	ND	72.1	70-130	1.03	30	
Ethylbenzene	0.0783	0.0050	"	0.100	ND	78.3	70-130	0.307	30	
m,p-Xylene	0.150	0.010	"	0.200	ND	74.9	70-130	0.619	30	
o-Xylene	0.0757	0.0050	"	0.100	ND	75.7	70-130	0.238	30	
Surrogate: 1,2-Dichloroethane-d4	0.0330		"	0.0400		82.6	23-173			
Surrogate: Toluene-d8	0.0355		"	0.0400		88.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 Crude

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

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 1908329 - EPA 3550A

Blank (1908329-BLK1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908329-BS1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 491 50 mg/kg 500 98.2 70-130

Matrix Spike (1908329-MS1)

Source: 1908293-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 537 50 mg/kg 500 30.3 101 70-130

Matrix Spike Dup (1908329-MSD1)

Source: 1908293-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 534 50 mg/kg 500 30.3 101 70-130 0.589 20

Batch 1908330 - EPA 3550A

Blank (1908330-BLK1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908330-BS1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 478 50 mg/kg 500 95.5 70-130

Matrix Spike (1908330-MS1)

Source: 1908294-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 535 50 mg/kg 500 39.5 99.1 70-130

Matrix Spike Dup (1908330-MSD1)

Source: 1908294-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 591 50 mg/kg 500 39.5 110 70-130 10.1 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I Crude

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/27/19 16:23

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 28, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

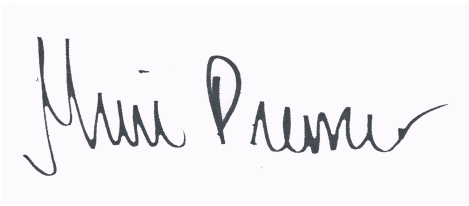
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908308

Enclosed are the results of analyses for samples received by Summit Scientific on 08/26/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR B23	1908308-01	Soil	08/26/19 13:00	08/26/19 16:00
CR B24	1908308-02	Soil	08/26/19 13:05	08/26/19 16:00
CR B25	1908308-03	Soil	08/26/19 13:10	08/26/19 16:00
CR B26	1908308-04	Soil	08/26/19 13:15	08/26/19 16:00
CR B27	1908308-05	Soil	08/26/19 13:20	08/26/19 16:00
CR B28	1908308-06	Soil	08/26/19 13:25	08/26/19 16:00
CR B29	1908308-07	Soil	08/26/19 13:30	08/26/19 16:00
CR B30	1908308-08	Soil	08/26/19 13:35	08/26/19 16:00
CR B31	1908308-09	Soil	08/26/19 13:40	08/26/19 16:00
CR B32	1908308-10	Soil	08/26/19 13:45	08/26/19 16:00
CR B33	1908308-11	Soil	08/26/19 13:50	08/26/19 16:00
CR B34	1908308-12	Soil	08/26/19 13:55	08/26/19 16:00
CR B35	1908308-13	Soil	08/26/19 14:00	08/26/19 16:00
CR B36	1908308-14	Soil	08/26/19 14:05	08/26/19 16:00
CR B37	1908308-15	Soil	08/26/19 14:10	08/26/19 16:00
CR B38	1908308-16	Soil	08/26/19 14:15	08/26/19 16:00
CR B39	1908308-17	Soil	08/26/19 14:20	08/26/19 16:00
CR B40	1908308-18	Soil	08/26/19 14:25	08/26/19 16:00
CR B41	1908308-19	Soil	08/26/19 14:30	08/26/19 16:00
CR B42	1908308-20	Soil	08/26/19 14:35	08/26/19 16:00
CR B43	1908308-21	Soil	08/26/19 14:40	08/26/19 16:00
CR B44	1908308-22	Soil	08/26/19 14:45	08/26/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B23
1908308-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		85.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		81.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B24
1908308-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		68.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B25
1908308-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		83.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B26
1908308-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B27
1908308-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B28
1908308-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B29
1908308-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B30
1908308-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		113 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B31
1908308-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B32
1908308-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B33
1908308-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		88.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		64.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B34
1908308-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		82.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B35
1908308-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B36
1908308-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		75.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B37
1908308-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		61.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B38
1908308-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		44.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B39
1908308-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		84.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		71.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B40
1908308-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B41
1908308-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/27/19	EPA 8015M	

Date Sampled: **08/26/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		65.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B42
1908308-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908346	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908347	08/26/19	08/28/19	EPA 8015M	

Date Sampled: **08/26/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		65.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B43
1908308-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908344	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		85.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908345	08/26/19	08/28/19	EPA 8015M	

Date Sampled: **08/26/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

CR B44
1908308-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/26/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908344	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/26/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/26/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908345	08/26/19	08/28/19	EPA 8015M	

Date Sampled: **08/26/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

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 1908344 - EPA 5030 Soil MS

Blank (1908344-BLK1)

Prepared & Analyzed: 08/26/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0397		"	0.0400		99.2	23-173			
Surrogate: Toluene-d8	0.0334		"	0.0400		83.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.7	21-167			

LCS (1908344-BS1)

Prepared & Analyzed: 08/26/19

Benzene	0.0959	0.0020	mg/kg	0.100		95.9	70-130			
Toluene	0.0706	0.0050	"	0.100		70.6	70-130			
Ethylbenzene	0.0730	0.0050	"	0.100		73.0	70-130			
m,p-Xylene	0.141	0.010	"	0.200		70.4	70-130			
o-Xylene	0.0713	0.0050	"	0.100		71.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0334		"	0.0400		83.6	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0359		"	0.0400		89.7	21-167			

Matrix Spike (1908344-MS1)

Source: 1908306-01

Prepared: 08/26/19 Analyzed: 08/27/19

Benzene	0.0988	0.0020	mg/kg	0.100	ND	98.8	70-130			
Toluene	0.0734	0.0050	"	0.100	ND	73.4	70-130			
Ethylbenzene	0.0797	0.0050	"	0.100	ND	79.7	70-130			
m,p-Xylene	0.153	0.010	"	0.200	ND	76.5	70-130			
o-Xylene	0.0770	0.0050	"	0.100	ND	77.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0318		"	0.0400		79.6	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0372		"	0.0400		92.9	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

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 1908344 - EPA 5030 Soil MS

Matrix Spike Dup (1908344-MSD1)

Source: 1908306-01

Prepared: 08/26/19 Analyzed: 08/27/19

Benzene	0.0931	0.0020	mg/kg	0.100	ND	93.1	70-130	5.97	30	
Toluene	0.0700	0.0050	"	0.100	ND	70.0	70-130	4.60	30	
Ethylbenzene	0.0734	0.0050	"	0.100	ND	73.4	70-130	8.23	30	
m,p-Xylene	0.144	0.010	"	0.200	ND	71.8	70-130	6.37	30	
o-Xylene	0.0720	0.0050	"	0.100	ND	72.0	70-130	6.80	30	
Surrogate: 1,2-Dichloroethane-d4	0.0320		"	0.0400		80.0	23-173			
Surrogate: Toluene-d8	0.0366		"	0.0400		91.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0363		"	0.0400		90.8	21-167			

Batch 1908346 - EPA 5030 Soil MS

Blank (1908346-BLK1)

Prepared: 08/26/19 Analyzed: 08/27/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0373		"	0.0400		93.2	23-173			
Surrogate: Toluene-d8	0.0329		"	0.0400		82.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0374		"	0.0400		93.4	21-167			

LCS (1908346-BS1)

Prepared: 08/26/19 Analyzed: 08/27/19

Benzene	0.0702	0.0020	mg/kg	0.100		70.2	70-130			
Toluene	0.0711	0.0050	"	0.100		71.1	70-130			
Ethylbenzene	0.0771	0.0050	"	0.100		77.1	70-130			
m,p-Xylene	0.149	0.010	"	0.200		74.5	70-130			
o-Xylene	0.0751	0.0050	"	0.100		75.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0317		"	0.0400		79.2	23-173			
Surrogate: Toluene-d8	0.0354		"	0.0400		88.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0363		"	0.0400		90.7	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

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 1908346 - EPA 5030 Soil MS

Matrix Spike (1908346-MS1)		Source: 1908308-01			Prepared: 08/26/19 Analyzed: 08/27/19					
Benzene	0.0731	0.0020	mg/kg	0.100	ND	73.1	70-130			
Toluene	0.0792	0.0050	"	0.100	ND	79.2	70-130			
Ethylbenzene	0.0840	0.0050	"	0.100	ND	84.0	70-130			
m,p-Xylene	0.161	0.010	"	0.200	ND	80.7	70-130			
o-Xylene	0.0818	0.0050	"	0.100	ND	81.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0351		"	0.0400		87.7	23-173			
Surrogate: Toluene-d8	0.0364		"	0.0400		91.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			
Matrix Spike Dup (1908346-MSD1)		Source: 1908308-01			Prepared: 08/26/19 Analyzed: 08/27/19					
Benzene	0.0710	0.0020	mg/kg	0.100	ND	71.0	70-130	2.96	30	
Toluene	0.0756	0.0050	"	0.100	ND	75.6	70-130	4.61	30	
Ethylbenzene	0.0825	0.0050	"	0.100	ND	82.5	70-130	1.80	30	
m,p-Xylene	0.160	0.010	"	0.200	ND	80.0	70-130	0.877	30	
o-Xylene	0.0800	0.0050	"	0.100	ND	80.0	70-130	2.19	30	
Surrogate: 1,2-Dichloroethane-d4	0.0343		"	0.0400		85.6	23-173			
Surrogate: Toluene-d8	0.0350		"	0.0400		87.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0359		"	0.0400		89.8	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.03

Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

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 1908345 - EPA 3550A

Blank (1908345-BLK1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908345-BS1)

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 490 50 mg/kg 500 97.9 70-130

Matrix Spike (1908345-MS1)

Source: 1908306-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 480 50 mg/kg 500 45.1 87.0 70-130

Matrix Spike Dup (1908345-MSD1)

Source: 1908306-01

Prepared & Analyzed: 08/26/19

C10-C28 (DRO) 495 50 mg/kg 500 45.1 90.0 70-130 3.04 20

Batch 1908347 - EPA 3550A

Blank (1908347-BLK1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908347-BS1)

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 417 50 mg/kg 500 83.4 70-130

Matrix Spike (1908347-MS1)

Source: 1908308-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 487 50 mg/kg 500 ND 97.4 70-130

Matrix Spike Dup (1908347-MSD1)

Source: 1908308-01

Prepared: 08/26/19 Analyzed: 08/27/19

C10-C28 (DRO) 445 50 mg/kg 500 ND 89.0 70-130 9.04 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.03
Project Manager: Jennifer Galles

Reported:
08/28/19 14:54

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 30, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

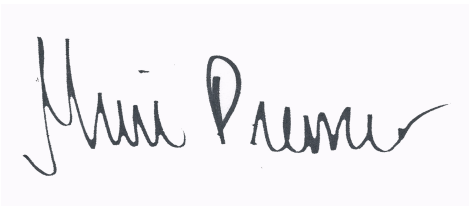
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908332

Enclosed are the results of analyses for samples received by Summit Scientific on 08/28/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light purple background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-C-1	1908332-01	Soil	08/28/19 14:00	08/28/19 15:45
CR-C-2	1908332-02	Soil	08/28/19 14:05	08/28/19 15:45
CR-C-3	1908332-03	Soil	08/28/19 14:10	08/28/19 15:45
CR-C-4	1908332-04	Soil	08/28/19 14:15	08/28/19 15:45
CR-C-5	1908332-05	Soil	08/28/19 14:20	08/28/19 15:45
CR-C-6	1908332-06	Soil	08/28/19 14:25	08/28/19 15:45
CR-C-7	1908332-07	Soil	08/28/19 14:30	08/28/19 15:45
CR-C-8	1908332-08	Soil	08/28/19 14:35	08/28/19 15:45
CR-C-9	1908332-09	Soil	08/28/19 14:40	08/28/19 15:45
CR-C-10	1908332-10	Soil	08/28/19 14:45	08/28/19 15:45
CR-C-11	1908332-11	Soil	08/28/19 14:50	08/28/19 15:45
CR-C-12	1908332-12	Soil	08/28/19 14:52	08/28/19 15:45
CR-C-13	1908332-13	Soil	08/28/19 14:54	08/28/19 15:45
CR-C-14	1908332-14	Soil	08/28/19 14:56	08/28/19 15:45
CR-C-15	1908332-15	Soil	08/28/19 14:58	08/28/19 15:45
CR-C-16	1908332-16	Soil	08/28/19 15:00	08/28/19 15:45
CR-C-17	1908332-17	Soil	08/28/19 15:02	08/28/19 15:45
CR-C-18	1908332-18	Soil	08/28/19 15:04	08/28/19 15:45
CR-C-19	1908332-19	Soil	08/28/19 15:06	08/28/19 15:45
CR-C-20	1908332-20	Soil	08/28/19 15:08	08/28/19 15:45
CR-C-21	1908332-21	Soil	08/28/19 15:10	08/28/19 15:45
CR-C-22	1908332-22	Soil	08/28/19 15:12	08/28/19 15:45
CR-C-23	1908332-23	Soil	08/28/19 15:14	08/28/19 15:45

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-1
1908332-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		85.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	72	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		85.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-2
1908332-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	94	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:05**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-3
1908332-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		82.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		112 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	53	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-4
1908332-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	70	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.4 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-5
1908332-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	90	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-6
1908332-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		80.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		84.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-7
1908332-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	83	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		123 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-8
1908332-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-9
1908332-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-10
1908332-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		85.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	77	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		123 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-11
1908332-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-12
1908332-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-13
1908332-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-14
1908332-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-15
1908332-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-16
1908332-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-17
1908332-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/28/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-18
1908332-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/28/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		113 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-19
1908332-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/28/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	91	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-20
1908332-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908371	08/28/19	08/28/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	79	50	mg/kg	1	1908374	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-21
1908332-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	77	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-22
1908332-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	71	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

CR-C-23
1908332-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 15:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 15:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 15:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	82	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 15:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		136 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

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 1908371 - EPA 5030 Soil MS

Blank (1908371-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0383		"	0.0400		95.7	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

LCS (1908371-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0763	0.0020	mg/kg	0.100		76.3	70-130			
Toluene	0.0934	0.0050	"	0.100		93.4	70-130			
Ethylbenzene	0.0828	0.0050	"	0.100		82.8	70-130			
m,p-Xylene	0.171	0.010	"	0.200		85.6	70-130			
o-Xylene	0.0853	0.0050	"	0.100		85.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0291		"	0.0400		72.7	23-173			
Surrogate: Toluene-d8	0.0456		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.2	21-167			

Matrix Spike (1908371-MS1)

Source: 1908332-01

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0754	0.0020	mg/kg	0.100	ND	75.4	70-130			
Toluene	0.0967	0.0050	"	0.100	ND	96.7	70-130			
Ethylbenzene	0.0858	0.0050	"	0.100	ND	85.8	70-130			
m,p-Xylene	0.176	0.010	"	0.200	ND	88.2	70-130			
o-Xylene	0.0887	0.0050	"	0.100	ND	88.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0317		"	0.0400		79.2	23-173			
Surrogate: Toluene-d8	0.0447		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

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 1908371 - EPA 5030 Soil MS

Matrix Spike Dup (1908371-MSD1)

Source: 1908332-01

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0776	0.0020	mg/kg	0.100	ND	77.6	70-130	2.98	30	
Toluene	0.100	0.0050	"	0.100	ND	100	70-130	3.29	30	
Ethylbenzene	0.0880	0.0050	"	0.100	ND	88.0	70-130	2.52	30	
m,p-Xylene	0.181	0.010	"	0.200	ND	90.7	70-130	2.87	30	
o-Xylene	0.0936	0.0050	"	0.100	ND	93.6	70-130	5.40	30	
Surrogate: 1,2-Dichloroethane-d4	0.0330		"	0.0400		82.6	23-173			
Surrogate: Toluene-d8	0.0456		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

Batch 1908373 - EPA 5030 Soil MS

Blank (1908373-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0348		"	0.0400		86.9	23-173			
Surrogate: Toluene-d8	0.0361		"	0.0400		90.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

LCS (1908373-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0816	0.0020	mg/kg	0.100		81.6	70-130			
Toluene	0.0876	0.0050	"	0.100		87.6	70-130			
Ethylbenzene	0.0897	0.0050	"	0.100		89.7	70-130			
m,p-Xylene	0.186	0.010	"	0.200		92.8	70-130			
o-Xylene	0.0890	0.0050	"	0.100		89.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		90.9	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		93.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

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 1908373 - EPA 5030 Soil MS

Matrix Spike (1908373-MS1)		Source: 1908334-01			Prepared: 08/28/19 Analyzed: 08/29/19					
Benzene	0.0818	0.0020	mg/kg	0.100	ND	81.8	70-130			
Toluene	0.0877	0.0050	"	0.100	ND	87.7	70-130			
Ethylbenzene	0.0910	0.0050	"	0.100	ND	91.0	70-130			
m,p-Xylene	0.187	0.010	"	0.200	ND	93.6	70-130			
o-Xylene	0.0905	0.0050	"	0.100	ND	90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0362		"	0.0400		90.6	23-173			
Surrogate: Toluene-d8	0.0373		"	0.0400		93.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.3	21-167			
Matrix Spike Dup (1908373-MSD1)		Source: 1908334-01			Prepared: 08/28/19 Analyzed: 08/29/19					
Benzene	0.0800	0.0020	mg/kg	0.100	ND	80.0	70-130	2.15	30	
Toluene	0.0862	0.0050	"	0.100	ND	86.2	70-130	1.66	30	
Ethylbenzene	0.0886	0.0050	"	0.100	ND	88.6	70-130	2.74	30	
m,p-Xylene	0.182	0.010	"	0.200	ND	90.8	70-130	3.06	30	
o-Xylene	0.0872	0.0050	"	0.100	ND	87.2	70-130	3.71	30	
Surrogate: 1,2-Dichloroethane-d4	0.0390		"	0.0400		97.4	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

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 1908374 - EPA 3550A

Blank (1908374-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908374-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 493 50 mg/kg 500 98.6 70-130

Matrix Spike (1908374-MS1)

Source: 1908332-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 666 50 mg/kg 500 71.8 119 70-130

Matrix Spike Dup (1908374-MSD1)

Source: 1908332-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 553 50 mg/kg 500 71.8 96.2 70-130 18.6 20

Batch 1908376 - EPA 3550A

Blank (1908376-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908376-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 519 50 mg/kg 500 104 70-130

Matrix Spike (1908376-MS1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 563 50 mg/kg 500 38.2 105 70-130

Matrix Spike Dup (1908376-MSD1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 602 50 mg/kg 500 38.2 113 70-130 6.61 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 16:13

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 30, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

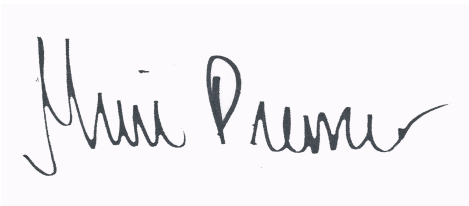
Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908333

Enclosed are the results of analyses for samples received by Summit Scientific on 08/28/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR B45	1908333-01	Soil	08/28/19 13:05	08/28/19 15:45
CR B46	1908333-02	Soil	08/28/19 13:10	08/28/19 15:45
CR B47	1908333-03	Soil	08/28/19 13:15	08/28/19 15:45
CR B48	1908333-04	Soil	08/28/19 13:20	08/28/19 15:45
CR B49	1908333-05	Soil	08/28/19 13:25	08/28/19 15:45
CR B50	1908333-06	Soil	08/28/19 13:35	08/28/19 15:45
CR B51	1908333-07	Soil	08/28/19 13:40	08/28/19 15:45
CR B52	1908333-08	Soil	08/28/19 13:45	08/28/19 15:45
CR B53	1908333-09	Soil	08/28/19 13:50	08/28/19 15:45
CR B54	1908333-10	Soil	08/28/19 13:55	08/28/19 15:45
CR B55	1908333-11	Soil	08/28/19 14:00	08/28/19 15:45
CR B56	1908333-12	Soil	08/28/19 14:05	08/28/19 15:45
CR B57	1908333-13	Soil	08/28/19 14:10	08/28/19 15:45
CR B58	1908333-14	Soil	08/28/19 14:15	08/28/19 15:45
CR B59	1908333-15	Soil	08/28/19 14:20	08/28/19 15:45
CR B60	1908333-16	Soil	08/28/19 14:25	08/28/19 15:45
CR B61	1908333-17	Soil	08/28/19 14:30	08/28/19 15:45
CR B62	1908333-18	Soil	08/28/19 14:35	08/28/19 15:45
CR B63	1908333-19	Soil	08/28/19 14:40	08/28/19 15:45
CR B64	1908333-20	Soil	08/28/19 14:45	08/28/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B45
1908333-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		90.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	160	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		96.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B46
1908333-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	140	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B47
1908333-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	73	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B48
1908333-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B49
1908333-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	61	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B50
1908333-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	100	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B51
1908333-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	80	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:40**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B52
1908333-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	59	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		83.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B53
1908333-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	57	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		79.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B54
1908333-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	67	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B55
1908333-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	58	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B56
1908333-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B57
1908333-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	80	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B58
1908333-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	60	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		82.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B59
1908333-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	72	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B60
1908333-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	73	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B61
1908333-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	60	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		72.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B62
1908333-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	99	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B63
1908333-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	96	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

CR B64
1908333-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908372	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908375	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1908372 - EPA 5030 Soil MS

Blank (1908372-BLK1)

Prepared & Analyzed: 08/28/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0334		"	0.0400		83.6	23-173			
Surrogate: Toluene-d8	0.0361		"	0.0400		90.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

LCS (1908372-BS1)

Prepared & Analyzed: 08/28/19

Benzene	0.0840	0.0020	mg/kg	0.100		84.0	70-130			
Toluene	0.0898	0.0050	"	0.100		89.8	70-130			
Ethylbenzene	0.0908	0.0050	"	0.100		90.8	70-130			
m,p-Xylene	0.185	0.010	"	0.200		92.4	70-130			
o-Xylene	0.0891	0.0050	"	0.100		89.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0345		"	0.0400		86.2	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0400		95.9	21-167			

Matrix Spike (1908372-MS1)

Source: 1908333-01

Prepared & Analyzed: 08/28/19

Benzene	0.0828	0.0020	mg/kg	0.100	ND	82.8	70-130			
Toluene	0.0888	0.0050	"	0.100	ND	88.8	70-130			
Ethylbenzene	0.0894	0.0050	"	0.100	ND	89.4	70-130			
m,p-Xylene	0.183	0.010	"	0.200	ND	91.5	70-130			
o-Xylene	0.0890	0.0050	"	0.100	ND	89.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0375		"	0.0400		93.8	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		93.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		101	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

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 1908372 - EPA 5030 Soil MS

Matrix Spike Dup (1908372-MSD1)

Source: 1908333-01

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0827	0.0020	mg/kg	0.100	ND	82.7	70-130	0.109	30	
Toluene	0.0879	0.0050	"	0.100	ND	87.9	70-130	0.951	30	
Ethylbenzene	0.0917	0.0050	"	0.100	ND	91.7	70-130	2.58	30	
m,p-Xylene	0.183	0.010	"	0.200	ND	91.7	70-130	0.213	30	
o-Xylene	0.0901	0.0050	"	0.100	ND	90.1	70-130	1.24	30	
Surrogate: 1,2-Dichloroethane-d4	0.0359		"	0.0400		89.8	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		92.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908375 - EPA 3550A

Blank (1908375-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908375-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 486 50 mg/kg 500 97.3 70-130

Matrix Spike (1908375-MS1)

Source: 1908333-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 635 50 mg/kg 500 158 95.4 70-130

Matrix Spike Dup (1908375-MSD1)

Source: 1908333-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 556 50 mg/kg 500 158 79.6 70-130 13.3 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
08/30/19 09:21

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 03, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908334

Enclosed are the results of analyses for samples received by Summit Scientific on 08/28/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR B65	1908334-01	Soil	08/28/19 11:10	08/28/19 15:45
CR B66	1908334-02	Soil	08/28/19 11:15	08/28/19 15:45
CR B67	1908334-03	Soil	08/28/19 11:20	08/28/19 15:45
CR B68	1908334-04	Soil	08/28/19 11:25	08/28/19 15:45
CR B69	1908334-05	Soil	08/28/19 11:30	08/28/19 15:45
CR B70	1908334-06	Soil	08/28/19 11:35	08/28/19 15:45
CR B71	1908334-07	Soil	08/28/19 11:40	08/28/19 15:45
CR B72	1908334-08	Soil	08/28/19 11:45	08/28/19 15:45
CR B73	1908334-09	Soil	08/28/19 11:50	08/28/19 15:45
CR B74	1908334-10	Soil	08/28/19 11:55	08/28/19 15:45
CR B75	1908334-11	Soil	08/28/19 12:00	08/28/19 15:45
CR B76	1908334-12	Soil	08/28/19 12:05	08/28/19 15:45
CR B77	1908334-13	Soil	08/28/19 12:10	08/28/19 15:45
CR B78	1908334-14	Soil	08/28/19 12:15	08/28/19 15:45
CR B79	1908334-15	Soil	08/28/19 12:20	08/28/19 15:45
CR B80	1908334-16	Soil	08/28/19 12:25	08/28/19 15:45
CR B81	1908334-17	Soil	08/28/19 12:30	08/28/19 15:45
CR B82	1908334-18	Soil	08/28/19 12:35	08/28/19 15:45
CR B83	1908334-19	Soil	08/28/19 12:40	08/28/19 15:45
CR B84	1908334-20	Soil	08/28/19 12:45	08/28/19 15:45
CR-B-85	1908334-21	Soil	08/28/19 12:50	08/28/19 15:45
CR-B-86	1908334-22	Soil	08/28/19 12:55	08/28/19 15:45
CR-B-87	1908334-23	Soil	08/28/19 13:00	08/28/19 15:45
CR-B-88	1908334-24	Soil	08/28/19 13:05	08/28/19 15:45
CR-B-89	1908334-25	Soil	08/28/19 13:10	08/28/19 15:45
CR-B-90	1908334-26	Soil	08/28/19 13:15	08/28/19 15:45
CR-B-91	1908334-27	Soil	08/28/19 13:20	08/28/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-B-92	1908334-28	Soil	08/28/19 13:25	08/28/19 15:45
CR-B-93	1908334-29	Soil	08/28/19 13:30	08/28/19 15:45
CR-B-94	1908334-30	Soil	08/28/19 13:35	08/28/19 15:45
CR-B-95	1908334-31	Soil	08/28/19 13:40	08/28/19 15:45
CR-B-96	1908334-32	Soil	08/28/19 13:45	08/28/19 15:45
CR-B-97	1908334-33	Soil	08/28/19 13:50	08/28/19 15:45
CR-B-98	1908334-34	Soil	08/28/19 13:55	08/28/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B65
1908334-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		90.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B66
1908334-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	71	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B67
1908334-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	55	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B68
1908334-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B69
1908334-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B70
1908334-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B71
1908334-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B72
1908334-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		78.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B73
1908334-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		136 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1908376	08/28/19	08/29/19	EPA 8015M	

Date Sampled: **08/28/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B74
1908334-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		121 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	77	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B75
1908334-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	58	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B76
1908334-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	50	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B77
1908334-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	50	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		78.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B78
1908334-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	52	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B79
1908334-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	61	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B80
1908334-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	58	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B81
1908334-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908373	08/28/19	08/29/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	66	50	mg/kg	1	1908376	08/28/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B82
1908334-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		77.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B83
1908334-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	87	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		80.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR B84
1908334-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	54	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		78.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-85
1908334-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.9	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		147 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		64.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-86
1908334-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	62	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-87
1908334-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	59	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-88
1908334-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	60	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-89
1908334-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-90
1908334-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		141 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	62	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		83.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-91
1908334-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	79	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-92
1908334-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	82	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-93
1908334-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	88	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-94
1908334-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	55	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-95
1908334-31 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-96
1908334-32 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-97
1908334-33 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

CR-B-98
1908334-34 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908381	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	83	50	mg/kg	1	1908382	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/28/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

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 1908373 - EPA 5030 Soil MS

Blank (1908373-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0348		"	0.0400		86.9	23-173			
Surrogate: Toluene-d8	0.0361		"	0.0400		90.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

LCS (1908373-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0816	0.0020	mg/kg	0.100		81.6	70-130			
Toluene	0.0876	0.0050	"	0.100		87.6	70-130			
Ethylbenzene	0.0897	0.0050	"	0.100		89.7	70-130			
m,p-Xylene	0.186	0.010	"	0.200		92.8	70-130			
o-Xylene	0.0890	0.0050	"	0.100		89.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		90.9	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		93.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Matrix Spike (1908373-MS1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0818	0.0020	mg/kg	0.100	ND	81.8	70-130			
Toluene	0.0877	0.0050	"	0.100	ND	87.7	70-130			
Ethylbenzene	0.0910	0.0050	"	0.100	ND	91.0	70-130			
m,p-Xylene	0.187	0.010	"	0.200	ND	93.6	70-130			
o-Xylene	0.0905	0.0050	"	0.100	ND	90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0362		"	0.0400		90.6	23-173			
Surrogate: Toluene-d8	0.0373		"	0.0400		93.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.3	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

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 1908373 - EPA 5030 Soil MS

Matrix Spike Dup (1908373-MSD1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

Benzene	0.0800	0.0020	mg/kg	0.100	ND	80.0	70-130	2.15	30	
Toluene	0.0862	0.0050	"	0.100	ND	86.2	70-130	1.66	30	
Ethylbenzene	0.0886	0.0050	"	0.100	ND	88.6	70-130	2.74	30	
m,p-Xylene	0.182	0.010	"	0.200	ND	90.8	70-130	3.06	30	
o-Xylene	0.0872	0.0050	"	0.100	ND	87.2	70-130	3.71	30	
Surrogate: 1,2-Dichloroethane-d4	0.0390		"	0.0400		97.4	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

Batch 1908381 - EPA 5030 Soil MS

Blank (1908381-BLK1)

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0468		"	0.0400		117	23-173			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			

LCS (1908381-BS1)

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	0.111	0.0020	mg/kg	0.100		111	70-130			
Toluene	0.117	0.0050	"	0.100		117	70-130			
Ethylbenzene	0.119	0.0050	"	0.100		119	70-130			
m,p-Xylene	0.221	0.010	"	0.200		110	70-130			
o-Xylene	0.111	0.0050	"	0.100		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		101	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

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 1908381 - EPA 5030 Soil MS

Matrix Spike (1908381-MS1)		Source: 1908334-18			Prepared: 08/29/19 Analyzed: 08/30/19					
Benzene	0.111	0.0020	mg/kg	0.100	ND	111	70-130			
Toluene	0.116	0.0050	"	0.100	ND	116	70-130			
Ethylbenzene	0.116	0.0050	"	0.100	ND	116	70-130			
m,p-Xylene	0.215	0.010	"	0.200	ND	108	70-130			
o-Xylene	0.111	0.0050	"	0.100	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		109	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	21-167			
Matrix Spike Dup (1908381-MSD1)		Source: 1908334-18			Prepared: 08/29/19 Analyzed: 08/30/19					
Benzene	0.114	0.0020	mg/kg	0.100	ND	114	70-130	2.03	30	
Toluene	0.118	0.0050	"	0.100	ND	118	70-130	1.66	30	
Ethylbenzene	0.118	0.0050	"	0.100	ND	118	70-130	1.56	30	
m,p-Xylene	0.221	0.010	"	0.200	ND	110	70-130	2.48	30	
o-Xylene	0.114	0.0050	"	0.100	ND	114	70-130	2.88	30	
Surrogate: 1,2-Dichloroethane-d4	0.0452		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0417		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

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 1908376 - EPA 3550A

Blank (1908376-BLK1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908376-BS1)

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 519 50 mg/kg 500 104 70-130

Matrix Spike (1908376-MS1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 563 50 mg/kg 500 38.2 105 70-130

Matrix Spike Dup (1908376-MSD1)

Source: 1908334-01

Prepared: 08/28/19 Analyzed: 08/29/19

C10-C28 (DRO) 602 50 mg/kg 500 38.2 113 70-130 6.61 20

Batch 1908382 - EPA 3550A

Blank (1908382-BLK1)

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908382-BS1)

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 494 50 mg/kg 500 98.9 70-130

Matrix Spike (1908382-MS1)

Source: 1908334-18

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 559 50 mg/kg 500 63.0 99.1 70-130

Matrix Spike Dup (1908382-MSD1)

Source: 1908334-18

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 594 50 mg/kg 500 63.0 106 70-130 6.11 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 06:33

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 03, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1908364

Enclosed are the results of analyses for samples received by Summit Scientific on 08/29/19 16:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-D-1	1908364-01	Soil	08/29/19 11:00	08/29/19 16:40
CR-D-2	1908364-02	Soil	08/29/19 11:05	08/29/19 16:40
CR-D-3	1908364-03	Soil	08/29/19 11:10	08/29/19 16:40
CR-D-4	1908364-04	Soil	08/29/19 11:15	08/29/19 16:40
CR-D-5	1908364-05	Soil	08/29/19 11:20	08/29/19 16:40
CR-D-6	1908364-06	Soil	08/29/19 11:25	08/29/19 16:40
CR-D-7	1908364-07	Soil	08/29/19 11:30	08/29/19 16:40
CR-D-8	1908364-08	Soil	08/29/19 11:35	08/29/19 16:40
CR-D-9	1908364-09	Soil	08/29/19 11:40	08/29/19 16:40
CR-D-10	1908364-10	Soil	08/29/19 11:45	08/29/19 16:40
CR-D-11	1908364-11	Soil	08/29/19 11:50	08/29/19 16:40
CR-D-12	1908364-12	Soil	08/29/19 11:55	08/29/19 16:40
CR-D-13	1908364-13	Soil	08/29/19 12:00	08/29/19 16:40
CR-D-14	1908364-14	Soil	08/29/19 12:05	08/29/19 16:40
CR-D-15	1908364-15	Soil	08/29/19 12:10	08/29/19 16:40
CR-D-16	1908364-16	Soil	08/29/19 12:15	08/29/19 16:40
CR-D-17	1908364-17	Soil	08/29/19 12:20	08/29/19 16:40
CR-D-18	1908364-18	Soil	08/29/19 12:25	08/29/19 16:40
CR-D-19	1908364-19	Soil	08/29/19 12:30	08/29/19 16:40
CR-D-20	1908364-20	Soil	08/29/19 12:35	08/29/19 16:40
CR-D-21	1908364-21	Soil	08/29/19 12:40	08/29/19 16:40
CR-D-22	1908364-22	Soil	08/29/19 12:45	08/29/19 16:40
CR-D-23	1908364-23	Soil	08/29/19 12:50	08/29/19 16:40
CR-D-24	1908364-24	Soil	08/29/19 12:55	08/29/19 16:40
CR-D-25	1908364-25	Soil	08/29/19 13:00	08/29/19 16:40
CR-D-26	1908364-26	Soil	08/29/19 13:05	08/29/19 16:40
CR-D-27	1908364-27	Soil	08/29/19 13:10	08/29/19 16:40

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-D-28	1908364-28	Soil	08/29/19 13:15	08/29/19 16:40
CR-D-29	1908364-29	Soil	08/29/19 13:20	08/29/19 16:40
CR-D-30	1908364-30	Soil	08/29/19 13:25	08/29/19 16:40
CR-D-31	1908364-31	Soil	08/29/19 13:30	08/29/19 16:40
CR-D-32	1908364-32	Soil	08/29/19 13:35	08/29/19 16:40
CR-D-33	1908364-33	Soil	08/29/19 13:40	08/29/19 16:40
CR-D-34	1908364-34	Soil	08/29/19 13:45	08/29/19 16:40
CR-D-35	1908364-35	Soil	08/29/19 13:50	08/29/19 16:40
CR-D-36	1908364-36	Soil	08/29/19 13:55	08/29/19 16:40
CR-D-37	1908364-37	Soil	08/29/19 14:00	08/29/19 16:40
CR-D-38	1908364-38	Soil	08/29/19 14:05	08/29/19 16:40
CR-D-39	1908364-39	Soil	08/29/19 14:10	08/29/19 16:40
CR-D-40	1908364-40	Soil	08/29/19 14:15	08/29/19 16:40
CR-D-41	1908364-41	Soil	08/29/19 14:20	08/29/19 16:40
CR-D-42	1908364-42	Soil	08/29/19 14:25	08/29/19 16:40
CR-D-43	1908364-43	Soil	08/29/19 14:30	08/29/19 16:40
CR-D-44	1908364-44	Soil	08/29/19 14:35	08/29/19 16:40
CR-D-45	1908364-45	Soil	08/29/19 14:40	08/29/19 16:40
CR-D-46	1908364-46	Soil	08/29/19 14:45	08/29/19 16:40
CR-D-47	1908364-47	Soil	08/29/19 14:50	08/29/19 16:40
CR-D-48	1908364-48	Soil	08/29/19 14:55	08/29/19 16:40
CR-D-49	1908364-49	Soil	08/29/19 15:00	08/29/19 16:40
CR-D-50	1908364-50	Soil	08/29/19 15:05	08/29/19 16:40
CR-D-51	1908364-51	Soil	08/29/19 15:10	08/29/19 16:40
CR-D-52	1908364-52	Soil	08/29/19 15:15	08/29/19 16:40
CR-D-53	1908364-53	Soil	08/29/19 15:20	08/29/19 16:40
CR-D-54	1908364-54	Soil	08/29/19 15:25	08/29/19 16:40

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-D-55	1908364-55	Soil	08/29/19 15:30	08/29/19 16:40
CR-D-56	1908364-56	Soil	08/29/19 15:35	08/29/19 16:40
CR-D-57	1908364-57	Soil	08/29/19 15:40	08/29/19 16:40
CR-D-58	1908364-58	Soil	08/29/19 15:45	08/29/19 16:40
CR-D-59	1908364-59	Soil	08/29/19 15:50	08/29/19 16:40
CR-D-60	1908364-60	Soil	08/29/19 15:55	08/29/19 16:40

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-1
1908364-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-2
1908364-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-3
1908364-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	55	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		131 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-4
1908364-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-5
1908364-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	60	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-6
1908364-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	76	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-7
1908364-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	77	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-8
1908364-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	50	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-9
1908364-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-10
1908364-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-11
1908364-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		88.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-12
1908364-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	73	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-13
1908364-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		123 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-14
1908364-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		120 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-15
1908364-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		123 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-16
1908364-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		133 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-17
1908364-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		86.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-18
1908364-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-19
1908364-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-20
1908364-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908398	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908400	08/29/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 12:35**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-21
1908364-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	60	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-22
1908364-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		94.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	69	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-23
1908364-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-24
1908364-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		93.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	170	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-25
1908364-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	150	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-26
1908364-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-27
1908364-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	180	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-28
1908364-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	69	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-29
1908364-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	130	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-30
1908364-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	89	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-31
1908364-31 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	81	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-32
1908364-32 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	61	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.8 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-33
1908364-33 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-34
1908364-34 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-35
1908364-35 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-36
1908364-36 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 13:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		84.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-37
1908364-37 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		65.6 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-38
1908364-38 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	51	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		48.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-39
1908364-39 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-40
1908364-40 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908399	08/29/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908401	08/29/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		82.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-41
1908364-41 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	70	50	mg/kg	1	1908410	08/30/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 14:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		135 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-42
1908364-42 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	160	50	mg/kg	1	1908410	08/30/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 14:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		138 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-43
1908364-43 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		121 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	280	50	mg/kg	1	1908410	08/30/19	08/30/19	EPA 8015M	

Date Sampled: **08/29/19 14:30**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-44
1908364-44 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	280	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		145 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-45
1908364-45 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	210	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		138 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-46
1908364-46 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	91	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		126 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-47
1908364-47 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	280	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:50**

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

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-48
1908364-48 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/30/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	89	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 14:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		80.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-49
1908364-49 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	130	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-50
1908364-50 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		133 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	76	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-51
1908364-51 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	73	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-52
1908364-52 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-53
1908364-53 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	53	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		128 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-54
1908364-54 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-55
1908364-55 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	61	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-56
1908364-56 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		133 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-57
1908364-57 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-58
1908364-58 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-59
1908364-59 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

CR-D-60
1908364-60 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/29/19 15:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1908411	08/30/19	08/31/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **08/29/19 15:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/29/19 15:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1908410	08/30/19	08/31/19	EPA 8015M	

Date Sampled: **08/29/19 15:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.3 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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 1908398 - EPA 5030 Soil MS

Blank (1908398-BLK1)

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0388		"	0.0400		96.9	23-173			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	21-167			

LCS (1908398-BS1)

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	0.0829	0.0020	mg/kg	0.100		82.9	70-130			
Toluene	0.0852	0.0050	"	0.100		85.2	70-130			
Ethylbenzene	0.0830	0.0050	"	0.100		83.0	70-130			
m,p-Xylene	0.167	0.010	"	0.200		83.7	70-130			
o-Xylene	0.0846	0.0050	"	0.100		84.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0318		"	0.0400		79.5	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

Matrix Spike (1908398-MS1)

Source: 1908364-01

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	0.0822	0.0020	mg/kg	0.100	ND	82.2	70-130			
Toluene	0.0886	0.0050	"	0.100	ND	88.6	70-130			
Ethylbenzene	0.0834	0.0050	"	0.100	ND	83.4	70-130			
m,p-Xylene	0.169	0.010	"	0.200	ND	84.3	70-130			
o-Xylene	0.0870	0.0050	"	0.100	ND	87.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0311		"	0.0400		77.8	23-173			
Surrogate: Toluene-d8	0.0431		"	0.0400		108	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.7	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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 1908398 - EPA 5030 Soil MS

Matrix Spike Dup (1908398-MSD1)

Source: 1908364-01

Prepared: 08/29/19 Analyzed: 08/30/19

Benzene	0.0820	0.0020	mg/kg	0.100	ND	82.0	70-130	0.183	30	
Toluene	0.0896	0.0050	"	0.100	ND	89.6	70-130	1.21	30	
Ethylbenzene	0.0790	0.0050	"	0.100	ND	79.0	70-130	5.43	30	
m,p-Xylene	0.161	0.010	"	0.200	ND	80.4	70-130	4.77	30	
o-Xylene	0.0828	0.0050	"	0.100	ND	82.8	70-130	4.91	30	
Surrogate: 1,2-Dichloroethane-d4	0.0338		"	0.0400		84.4	23-173			
Surrogate: Toluene-d8	0.0440		"	0.0400		110	20-170			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.6	21-167			

Batch 1908399 - EPA 5030 Soil MS

Blank (1908399-BLK1)

Prepared & Analyzed: 08/29/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0349		"	0.0400		87.2	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	21-167			

LCS (1908399-BS1)

Prepared & Analyzed: 08/29/19

Benzene	0.0798	0.0020	mg/kg	0.100		79.8	70-130			
Toluene	0.0863	0.0050	"	0.100		86.3	70-130			
Ethylbenzene	0.0905	0.0050	"	0.100		90.5	70-130			
m,p-Xylene	0.188	0.010	"	0.200		94.0	70-130			
o-Xylene	0.0892	0.0050	"	0.100		89.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.8	23-173			
Surrogate: Toluene-d8	0.0373		"	0.0400		93.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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 1908399 - EPA 5030 Soil MS

Matrix Spike (1908399-MS1)			Source: 1908364-21		Prepared: 08/29/19 Analyzed: 08/30/19					
Benzene	0.0820	0.0020	mg/kg	0.100	ND	82.0	70-130			
Toluene	0.0882	0.0050	"	0.100	ND	88.2	70-130			
Ethylbenzene	0.0926	0.0050	"	0.100	ND	92.6	70-130			
m,p-Xylene	0.192	0.010	"	0.200	ND	96.2	70-130			
o-Xylene	0.0915	0.0050	"	0.100	ND	91.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0400		91.4	23-173			
Surrogate: Toluene-d8	0.0368		"	0.0400		92.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike Dup (1908399-MSD1)			Source: 1908364-21		Prepared: 08/29/19 Analyzed: 08/30/19					
Benzene	0.0808	0.0020	mg/kg	0.100	ND	80.8	70-130	1.51	30	
Toluene	0.0869	0.0050	"	0.100	ND	86.9	70-130	1.47	30	
Ethylbenzene	0.0915	0.0050	"	0.100	ND	91.5	70-130	1.21	30	
m,p-Xylene	0.189	0.010	"	0.200	ND	94.7	70-130	1.57	30	
o-Xylene	0.0910	0.0050	"	0.100	ND	91.0	70-130	0.526	30	
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.6	23-173			
Surrogate: Toluene-d8	0.0376		"	0.0400		94.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		101	21-167			

Batch 1908411 - EPA 5030 Soil MS

Blank (1908411-BLK1)			Prepared & Analyzed: 08/30/19							
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0470		"	0.0400		117	23-173			
Surrogate: Toluene-d8	0.0409		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0417		"	0.0400		104	21-167			

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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 1908411 - EPA 5030 Soil MS

LCS (1908411-BS1)

Prepared & Analyzed: 08/30/19

Benzene	0.110	0.0020	mg/kg	0.100		110	70-130
Toluene	0.116	0.0050	"	0.100		116	70-130
Ethylbenzene	0.116	0.0050	"	0.100		116	70-130
m,p-Xylene	0.213	0.010	"	0.200		107	70-130
o-Xylene	0.107	0.0050	"	0.100		107	70-130
Surrogate: 1,2-Dichloroethane-d4	0.0421		"	0.0400		105	23-173
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167

Matrix Spike (1908411-MS1)

Source: 1908364-41

Prepared & Analyzed: 08/30/19

Benzene	0.112	0.0020	mg/kg	0.100	ND	112	70-130
Toluene	0.117	0.0050	"	0.100	ND	117	70-130
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130
m,p-Xylene	0.217	0.010	"	0.200	ND	108	70-130
o-Xylene	0.110	0.0050	"	0.100	ND	110	70-130
Surrogate: 1,2-Dichloroethane-d4	0.0440		"	0.0400		110	23-173
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	21-167

Matrix Spike Dup (1908411-MSD1)

Source: 1908364-41

Prepared & Analyzed: 08/30/19

Benzene	0.111	0.0020	mg/kg	0.100	ND	111	70-130	0.430	30
Toluene	0.116	0.0050	"	0.100	ND	116	70-130	1.14	30
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130	0.308	30
m,p-Xylene	0.218	0.010	"	0.200	ND	109	70-130	0.525	30
o-Xylene	0.110	0.0050	"	0.100	ND	110	70-130	0.164	30
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		109	23-173		
Surrogate: Toluene-d8	0.0410		"	0.0400		103	20-170		
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		99.9	21-167		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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 1908400 - EPA 3550A

Blank (1908400-BLK1)

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908400-BS1)

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 527 50 mg/kg 500 105 70-130

Matrix Spike (1908400-MS1)

Source: 1908364-01

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 559 50 mg/kg 500 21.8 107 70-130

Matrix Spike Dup (1908400-MSD1)

Source: 1908364-01

Prepared: 08/29/19 Analyzed: 08/30/19

C10-C28 (DRO) 569 50 mg/kg 500 21.8 109 70-130 1.74 20

Batch 1908401 - EPA 3550A

Blank (1908401-BLK1)

Prepared: 08/29/19 Analyzed: 08/31/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1908401-BS1)

Prepared: 08/29/19 Analyzed: 08/31/19

C10-C28 (DRO) 494 50 mg/kg 500 98.8 70-130

Matrix Spike (1908401-MS1)

Source: 1908364-21

Prepared: 08/29/19 Analyzed: 08/31/19

C10-C28 (DRO) 573 50 mg/kg 500 60.1 103 70-130

Matrix Spike Dup (1908401-MSD1)

Source: 1908364-21

Prepared: 08/29/19 Analyzed: 08/31/19

C10-C28 (DRO) 573 50 mg/kg 500 60.1 103 70-130 0.107 20

Batch 1908410 - EPA 3550A

Blank (1908410-BLK1)

Prepared & Analyzed: 08/30/19

C10-C28 (DRO) ND 50 mg/kg

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1908410 - EPA 3550A

LCS (1908410-BS1)

Prepared & Analyzed: 08/30/19

C10-C28 (DRO)	535	50	mg/kg	500	107	70-130
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Matrix Spike (1908410-MS1)

Source: 1908364-41

Prepared & Analyzed: 08/30/19

C10-C28 (DRO)	622	50	mg/kg	500	69.9	110	70-130
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Matrix Spike Dup (1908410-MSD1)

Source: 1908364-41

Prepared & Analyzed: 08/30/19

C10-C28 (DRO)	620	50	mg/kg	500	69.9	110	70-130	0.343	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/03/19 14:43

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 09, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1909045

Enclosed are the results of analyses for samples received by Summit Scientific on 09/05/19 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-A39	1909045-01	Soil	09/04/19 12:00	09/05/19 09:00
CR-A40	1909045-02	Soil	09/04/19 12:02	09/05/19 09:00
CR-A41	1909045-03	Soil	09/04/19 12:04	09/05/19 09:00
CR-A42	1909045-04	Soil	09/04/19 12:06	09/05/19 09:00
CR-A43	1909045-05	Soil	09/04/19 12:08	09/05/19 09:00
CR-A44	1909045-06	Soil	09/04/19 12:10	09/05/19 09:00
CR-A45	1909045-07	Soil	09/04/19 12:12	09/05/19 09:00
CR-A46	1909045-08	Soil	09/04/19 12:14	09/05/19 09:00
CR-A47	1909045-09	Soil	09/04/19 12:16	09/05/19 09:00
CR-A48	1909045-10	Soil	09/04/19 12:18	09/05/19 09:00
CR-A49	1909045-11	Soil	09/04/19 12:20	09/05/19 09:00
CR-A50	1909045-12	Soil	09/04/19 12:22	09/05/19 09:00
CR-A51	1909045-13	Soil	09/04/19 12:24	09/05/19 09:00
CR-A52	1909045-14	Soil	09/04/19 12:26	09/05/19 09:00
CR-A53	1909045-15	Soil	09/04/19 12:28	09/05/19 09:00
CR-A54	1909045-16	Soil	09/04/19 12:30	09/05/19 09:00
CR-A55	1909045-17	Soil	09/04/19 12:32	09/05/19 09:00
CR-A56	1909045-18	Soil	09/04/19 12:34	09/05/19 09:00
CR-A57	1909045-19	Soil	09/04/19 12:36	09/05/19 09:00
CR-A58	1909045-20	Soil	09/04/19 12:38	09/05/19 09:00
CR-A59	1909045-21	Soil	09/04/19 12:40	09/05/19 09:00
CR-A60	1909045-22	Soil	09/04/19 12:42	09/05/19 09:00
CR-A61	1909045-23	Soil	09/04/19 12:44	09/05/19 09:00
CR-A62	1909045-24	Soil	09/04/19 12:46	09/05/19 09:00
CR-A63	1909045-25	Soil	09/04/19 12:48	09/05/19 09:00
CR-A64	1909045-26	Soil	09/04/19 12:50	09/05/19 09:00
CR-A65	1909045-27	Soil	09/04/19 12:52	09/05/19 09:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-A66	1909045-28	Soil	09/04/19 12:54	09/05/19 09:00
CR-A67	1909045-29	Soil	09/04/19 12:56	09/05/19 09:00
CR-A68	1909045-30	Soil	09/04/19 12:58	09/05/19 09:00
CR-A69	1909045-31	Soil	09/04/19 13:00	09/05/19 09:00
CR-A70	1909045-32	Soil	09/04/19 13:02	09/05/19 09:00
CR-A71	1909045-33	Soil	09/04/19 13:04	09/05/19 09:00
CR-A72	1909045-34	Soil	09/04/19 13:06	09/05/19 09:00
CR-A73	1909045-35	Soil	09/04/19 13:08	09/05/19 09:00
CR-A74	1909045-36	Soil	09/04/19 13:10	09/05/19 09:00
CR-A75	1909045-37	Soil	09/04/19 13:12	09/05/19 09:00
CR-A76	1909045-38	Soil	09/04/19 13:14	09/05/19 09:00
CR-A77	1909045-39	Soil	09/04/19 13:16	09/05/19 09:00
CR-A78	1909045-40	Soil	09/04/19 13:18	09/05/19 09:00
CR-A79	1909045-41	Soil	09/04/19 13:20	09/05/19 09:00
CR-A80	1909045-42	Soil	09/04/19 13:22	09/05/19 09:00
CR-A81	1909045-43	Soil	09/04/19 13:24	09/05/19 09:00
CR-A82	1909045-44	Soil	09/04/19 13:26	09/05/19 09:00
CR-A83	1909045-45	Soil	09/04/19 13:28	09/05/19 09:00
CR-A84	1909045-46	Soil	09/04/19 13:30	09/05/19 09:00
CR-A85	1909045-47	Soil	09/04/19 13:32	09/05/19 09:00
CR-A86	1909045-48	Soil	09/04/19 13:34	09/05/19 09:00
CR-A87	1909045-49	Soil	09/04/19 13:36	09/05/19 09:00
CR-A88	1909045-50	Soil	09/04/19 13:38	09/05/19 09:00
CR-A89	1909045-51	Soil	09/04/19 13:40	09/05/19 09:00
CR-A90	1909045-52	Soil	09/04/19 13:42	09/05/19 09:00
CR-A91	1909045-53	Soil	09/04/19 13:44	09/05/19 09:00
CR-A92	1909045-54	Soil	09/04/19 13:46	09/05/19 09:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CR-A93	1909045-55	Soil	09/04/19 13:48	09/05/19 09:00
CR-A94	1909045-56	Soil	09/04/19 13:50	09/05/19 09:00
CR-A95	1909045-57	Soil	09/04/19 13:52	09/05/19 09:00
CR-A96	1909045-58	Soil	09/04/19 13:54	09/05/19 09:00
CR-A97	1909045-59	Soil	09/04/19 13:56	09/05/19 09:00
CR-A98	1909045-60	Soil	09/04/19 13:58	09/05/19 09:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A39
1909045-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		81.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A40
1909045-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		86.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A41
1909045-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		144 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A42
1909045-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		124 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A43
1909045-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		83.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		133 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A44
1909045-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	50	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A45
1909045-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		136 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A46
1909045-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	55	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A47
1909045-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		88.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	57	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:16**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A48
1909045-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		92.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	61	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		135 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A49
1909045-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A50
1909045-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		81.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	68	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		129 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A51
1909045-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	52	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A52
1909045-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:26**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A53
1909045-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	58	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:28**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A54
1909045-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	66	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		143 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A55
1909045-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		80.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	56	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		139 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A56
1909045-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		87.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		143 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A57
1909045-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		88.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		127 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A58
1909045-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909054	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		91.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909052	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		124 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A59
1909045-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	54	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A60
1909045-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	52	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		91.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A61
1909045-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:44**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:44**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:44**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:44**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A62
1909045-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:46**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A63
1909045-25 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		90.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A64
1909045-26 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A65
1909045-27 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A66
1909045-28 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	61	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A67
1909045-29 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	60	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		80.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A68
1909045-30 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		67.5 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A69
1909045-31 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		69.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A70
1909045-32 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		79.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A71
1909045-33 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	52	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:04**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		82.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A72
1909045-34 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/05/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		77.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A73
1909045-35 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		84.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A74
1909045-36 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		87.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A75
1909045-37 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	57	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		83.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A76
1909045-38 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A77
1909045-39 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	50	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A78
1909045-40 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909055	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	57	50	mg/kg	1	1909053	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A79
1909045-41 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A80
1909045-42 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	56	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A81
1909045-43 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		89.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		76.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A82
1909045-44 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:26**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:26**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:26**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:26**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A83
1909045-45 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A84
1909045-46 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		138 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		77.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A85
1909045-47 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		133 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		72.1 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A86
1909045-48 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		134 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		70.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A87
1909045-49 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:36**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		82.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A88
1909045-50 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A89
1909045-51 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		146 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A90
1909045-52 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	79	50	mg/kg	1	1909061	09/05/19	09/06/19	EPA 8015M	

Date Sampled: **09/04/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		81.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A91
1909045-53 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:44**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:44**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		134 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:44**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	110	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:44**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.2 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A92
1909045-54 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	60	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:46**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.4 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A93
1909045-55 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:48**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.9 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A94
1909045-56 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A95
1909045-57 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A96
1909045-58 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	58	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		82.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A97
1909045-59 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		83.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

CR-A98
1909045-60 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/04/19 13:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909057	09/05/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **09/04/19 13:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/19 13:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	76	50	mg/kg	1	1909061	09/05/19	09/07/19	EPA 8015M	

Date Sampled: **09/04/19 13:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		75.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

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 1909054 - EPA 5030 Soil MS

Blank (1909054-BLK1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0332		"	0.0400		83.1	23-173			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

LCS (1909054-BS1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0866	0.0020	mg/kg	0.100		86.6	70-130			
Toluene	0.0880	0.0050	"	0.100		88.0	70-130			
Ethylbenzene	0.0808	0.0050	"	0.100		80.8	70-130			
m,p-Xylene	0.162	0.010	"	0.200		80.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0296		"	0.0400		74.0	23-173			
Surrogate: Toluene-d8	0.0420		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0368		"	0.0400		92.1	21-167			

Matrix Spike (1909054-MS1)

Source: 1909045-01

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0828	0.0020	mg/kg	0.100	ND	82.8	70-130			
Toluene	0.0845	0.0050	"	0.100	ND	84.5	70-130			
Ethylbenzene	0.0800	0.0050	"	0.100	ND	80.0	70-130			
m,p-Xylene	0.162	0.010	"	0.200	ND	81.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0294		"	0.0400		73.5	23-173			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

Matrix Spike Dup (1909054-MSD1)

Source: 1909045-01

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0852	0.0020	mg/kg	0.100	ND	85.2	70-130	2.82	30	
Toluene	0.0878	0.0050	"	0.100	ND	87.8	70-130	3.90	30	
Ethylbenzene	0.0836	0.0050	"	0.100	ND	83.6	70-130	4.29	30	
m,p-Xylene	0.167	0.010	"	0.200	ND	83.7	70-130	3.06	30	
Surrogate: 1,2-Dichloroethane-d4	0.0276		"	0.0400		69.0	23-173			
Surrogate: Toluene-d8	0.0423		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0359		"	0.0400		89.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

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 1909055 - EPA 5030 Soil MS

Blank (1909055-BLK1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.7	23-173			
Surrogate: Toluene-d8	0.0367		"	0.0400		91.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400		100	21-167			

LCS (1909055-BS1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0760	0.0020	mg/kg	0.100		76.0	70-130			
Toluene	0.0856	0.0050	"	0.100		85.6	70-130			
Ethylbenzene	0.0913	0.0050	"	0.100		91.3	70-130			
m,p-Xylene	0.192	0.010	"	0.200		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0379		"	0.0400		94.7	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Matrix Spike (1909055-MS1)

Source: 1909045-21

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0761	0.0020	mg/kg	0.100	ND	76.1	70-130			
Toluene	0.0850	0.0050	"	0.100	ND	85.0	70-130			
Ethylbenzene	0.0906	0.0050	"	0.100	ND	90.6	70-130			
m,p-Xylene	0.188	0.010	"	0.200	ND	93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0373		"	0.0400		93.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400		105	21-167			

Matrix Spike Dup (1909055-MSD1)

Source: 1909045-21

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.0778	0.0020	mg/kg	0.100	ND	77.8	70-130	2.22	30	
Toluene	0.0868	0.0050	"	0.100	ND	86.8	70-130	1.99	30	
Ethylbenzene	0.0916	0.0050	"	0.100	ND	91.6	70-130	1.09	30	
m,p-Xylene	0.192	0.010	"	0.200	ND	95.8	70-130	2.12	30	
Surrogate: 1,2-Dichloroethane-d4	0.0408		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

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

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

Batch 1909057 - EPA 5030 Soil MS

Blank (1909057-BLK1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0476		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	21-167			

LCS (1909057-BS1)

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.101	0.0020	mg/kg	0.100		101	70-130			
Toluene	0.105	0.0050	"	0.100		105	70-130			
Ethylbenzene	0.104	0.0050	"	0.100		104	70-130			
m,p-Xylene	0.194	0.010	"	0.200		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0415		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	21-167			

Matrix Spike (1909057-MS1)

Source: 1909045-41

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.109	0.0020	mg/kg	0.100	ND	109	70-130			
Toluene	0.114	0.0050	"	0.100	ND	114	70-130			
Ethylbenzene	0.115	0.0050	"	0.100	ND	115	70-130			
m,p-Xylene	0.212	0.010	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		108	23-173			
Surrogate: Toluene-d8	0.0418		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		101	21-167			

Matrix Spike Dup (1909057-MSD1)

Source: 1909045-41

Prepared: 09/05/19 Analyzed: 09/06/19

Benzene	0.104	0.0020	mg/kg	0.100	ND	104	70-130	5.47	30	
Toluene	0.109	0.0050	"	0.100	ND	109	70-130	3.74	30	
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	5.72	30	
m,p-Xylene	0.202	0.010	"	0.200	ND	101	70-130	4.57	30	
Surrogate: 1,2-Dichloroethane-d4	0.0445		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

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 1909052 - EPA 3550A

Blank (1909052-BLK1)					Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1909052-BS1)					Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	579	50	mg/kg	500		116	70-130			
Matrix Spike (1909052-MS1)					Source: 1909045-01 Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	602	50	mg/kg	500	36.9	113	70-130			
Matrix Spike Dup (1909052-MSD1)					Source: 1909045-01 Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	609	50	mg/kg	500	36.9	114	70-130	1.19	20	

Batch 1909053 - EPA 3550A

Blank (1909053-BLK1)					Prepared & Analyzed: 09/05/19					
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1909053-BS1)					Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	549	50	mg/kg	500		110	70-130			
Matrix Spike (1909053-MS1)					Source: 1909045-21 Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	549	50	mg/kg	500	53.8	99.1	70-130			
Matrix Spike Dup (1909053-MSD1)					Source: 1909045-21 Prepared: 09/05/19 Analyzed: 09/06/19					
C10-C28 (DRO)	573	50	mg/kg	500	53.8	104	70-130	4.30	20	

Batch 1909061 - EPA 3550A

Blank (1909061-BLK1)					Prepared: 09/05/19 Analyzed: 09/07/19					
C10-C28 (DRO)	ND	50	mg/kg							

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909061 - EPA 3550A

LCS (1909061-BS1)

Prepared: 09/05/19 Analyzed: 09/07/19

C10-C28 (DRO)	470	50	mg/kg	500	93.9	70-130
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Matrix Spike (1909061-MS1)

Source: 1909045-41

Prepared: 09/05/19 Analyzed: 09/07/19

C10-C28 (DRO)	521	50	mg/kg	500	48.7	94.4	70-130
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Matrix Spike Dup (1909061-MSD1)

Source: 1909045-41

Prepared: 09/05/19 Analyzed: 09/07/19

C10-C28 (DRO)	485	50	mg/kg	500	48.7	87.2	70-130	7.10	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/09/19 17:17

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 09, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

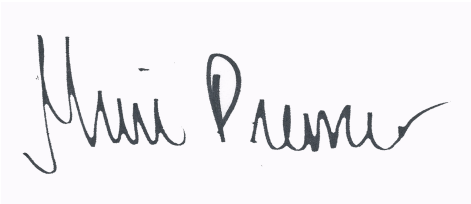
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909071

Enclosed are the results of analyses for samples received by Summit Scientific on 09/06/19 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island West 2@18'	1909071-01	Soil	09/06/19 11:50	09/06/19 15:50
Island East 2@18'	1909071-02	Soil	09/06/19 11:55	09/06/19 15:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Island West 2@18'
1909071-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909087	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.025	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	6.8	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		93.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	5600	50	mg/kg	1	1909088	"	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		65.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Island East 2@18'
1909071-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909087	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		90.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5200	50	mg/kg	1	1909088	"	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		80.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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 1909087 - EPA 5030 Soil MS

Blank (1909087-BLK1)

Prepared & Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0318		"	0.0400		79.6	23-173			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400		100	21-167			

LCS (1909087-BS1)

Prepared & Analyzed: 09/06/19

Benzene	0.110	0.0020	mg/kg	0.100		110	70-130			
Toluene	0.117	0.0050	"	0.100		117	70-130			
Ethylbenzene	0.115	0.0050	"	0.100		115	70-130			
m,p-Xylene	0.212	0.010	"	0.200		106	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1909087-MS1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

Benzene	0.0975	0.0020	mg/kg	0.100	ND	97.5	70-130			
Toluene	0.100	0.0050	"	0.100	ND	100	70-130			
Ethylbenzene	0.103	0.0050	"	0.100	ND	103	70-130			
m,p-Xylene	0.191	0.010	"	0.200	ND	95.3	70-130			
o-Xylene	0.0980	0.0050	"	0.100	ND	98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0443		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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 1909087 - EPA 5030 Soil MS

Matrix Spike Dup (1909087-MSD1)		Source: 1909069-01			Prepared & Analyzed: 09/06/19					
Benzene	0.102	0.0020	mg/kg	0.100	ND	102	70-130	4.95	30	
Toluene	0.109	0.0050	"	0.100	ND	109	70-130	8.38	30	
Ethylbenzene	0.108	0.0050	"	0.100	ND	108	70-130	4.90	30	
m,p-Xylene	0.201	0.010	"	0.200	ND	101	70-130	5.39	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	4.69	30	
Surrogate: 1,2-Dichloroethane-d4	0.0449		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909088 - EPA 3550A

Blank (1909088-BLK1)

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909088-BS1)

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 472 50 mg/kg 500 94.4 70-130

Matrix Spike (1909088-MS1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 484 50 mg/kg 500 27.8 91.3 70-130

Matrix Spike Dup (1909088-MSD1)

Source: 1909069-01

Prepared & Analyzed: 09/06/19

C10-C28 (DRO) 492 50 mg/kg 500 27.8 92.8 70-130 1.57 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
09/09/19 16:30

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 10, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry


Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1909072

Enclosed are the results of analyses for samples received by Summit Scientific on 09/06/19 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", on a light blue background.

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB 1-A	1909072-01	Soil	09/06/19 11:54	09/06/19 15:50
OB 2-C	1909072-02	Soil	09/06/19 11:56	09/06/19 15:50
OB 3-D	1909072-03	Soil	09/06/19 11:58	09/06/19 15:50
OB 4-A	1909072-04	Soil	09/06/19 12:00	09/06/19 15:50
OB 5-B	1909072-05	Soil	09/06/19 12:02	09/06/19 15:50
OB 6-B	1909072-06	Soil	09/06/19 12:04	09/06/19 15:50
OB 7-D	1909072-07	Soil	09/06/19 12:06	09/06/19 15:50
OB 8-A	1909072-08	Soil	09/06/19 12:08	09/06/19 15:50
OB 9-A	1909072-09	Soil	09/06/19 12:10	09/06/19 15:50
OB 10-A	1909072-10	Soil	09/06/19 12:12	09/06/19 15:50
OB 11-E	1909072-11	Soil	09/06/19 12:14	09/06/19 15:50
OB 12-A	1909072-12	Soil	09/06/19 12:16	09/06/19 15:50
OB 13-B	1909072-13	Soil	09/06/19 12:18	09/06/19 15:50
OB 14-A	1909072-14	Soil	09/06/19 12:20	09/06/19 15:50
OB 15-B	1909072-15	Soil	09/06/19 12:24	09/06/19 15:50
OB 16-E	1909072-16	Soil	09/06/19 12:30	09/06/19 15:50
OB 17-A	1909072-17	Soil	09/06/19 12:35	09/06/19 15:50
OB 18-A	1909072-18	Soil	09/06/19 12:40	09/06/19 15:50
OB 19-B	1909072-19	Soil	09/06/19 12:45	09/06/19 15:50
OB 20-C	1909072-20	Soil	09/06/19 12:50	09/06/19 15:50
OB 21-D	1909072-21	Soil	09/06/19 12:55	09/06/19 15:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 1-A
1909072-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/06/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	80	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		79.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 2-C
1909072-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	65	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 3-D
1909072-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 11:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 11:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 11:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	68	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 11:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 4-A
1909072-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	76	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 5-B
1909072-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	55	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:02**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 6-B
1909072-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	85	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		90.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 7-D
1909072-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	67	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:06**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 8-A
1909072-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	62	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.6 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 9-A
1909072-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		134 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	73	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		64.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 10-A
1909072-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	120	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:12**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.6 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 11-E
1909072-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		62.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 12-A
1909072-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	130	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 13-B
1909072-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	54	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.8 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 14-A
1909072-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	75	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.2 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 15-B
1909072-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	57	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		79.3 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 16-E
1909072-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		57.0 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 17-A
1909072-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	69	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.7 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 18-A
1909072-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		126 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	56	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		57.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 19-B
1909072-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	65	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 20-C
1909072-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	67	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.7 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

OB 21-D
1909072-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/06/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909092	09/06/19	09/07/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/06/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/06/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1800	50	mg/kg	1	1909091	09/06/19	09/07/19	EPA 8015M	

Date Sampled: **09/06/19 12:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		105 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

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 1909092 - EPA 5030 Soil MS

Blank (1909092-BLK1)

Prepared & Analyzed: 09/06/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0467		"	0.0400		117	23-173			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.1	21-167			

LCS (1909092-BS1)

Prepared & Analyzed: 09/06/19

Benzene	0.110	0.0020	mg/kg	0.100		110	70-130			
Toluene	0.117	0.0050	"	0.100		117	70-130			
Ethylbenzene	0.115	0.0050	"	0.100		115	70-130			
m,p-Xylene	0.212	0.010	"	0.200		106	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	21-167			

Matrix Spike (1909092-MS1)

Source: 1909072-01

Prepared & Analyzed: 09/06/19

Benzene	0.0975	0.0020	mg/kg	0.100	ND	97.5	70-130			
Toluene	0.100	0.0050	"	0.100	ND	100	70-130			
Ethylbenzene	0.103	0.0050	"	0.100	ND	103	70-130			
m,p-Xylene	0.191	0.010	"	0.200	ND	95.3	70-130			
o-Xylene	0.0980	0.0050	"	0.100	ND	98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0443		"	0.0400		111	23-173			
Surrogate: Toluene-d8	0.0410		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

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 1909092 - EPA 5030 Soil MS

Matrix Spike Dup (1909092-MSD1)		Source: 1909072-01			Prepared & Analyzed: 09/06/19					
Benzene	0.102	0.0020	mg/kg	0.100	ND	102	70-130	4.95	30	
Toluene	0.109	0.0050	"	0.100	ND	109	70-130	8.38	30	
Ethylbenzene	0.108	0.0050	"	0.100	ND	108	70-130	4.90	30	
m,p-Xylene	0.201	0.010	"	0.200	ND	101	70-130	5.39	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	4.69	30	
Surrogate: 1,2-Dichloroethane-d4	0.0449		"	0.0400		112	23-173			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909091 - EPA 3550A

Blank (1909091-BLK1)

Prepared: 09/06/19 Analyzed: 09/07/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909091-BS1)

Prepared: 09/06/19 Analyzed: 09/07/19

C10-C28 (DRO) 508 50 mg/kg 500 102 70-130

Matrix Spike (1909091-MS1)

Source: 1909072-01

Prepared: 09/06/19 Analyzed: 09/07/19

C10-C28 (DRO) 550 50 mg/kg 500 79.8 94.0 70-130

Matrix Spike Dup (1909091-MSD1)

Source: 1909072-01

Prepared: 09/06/19 Analyzed: 09/07/19

C10-C28 (DRO) 588 50 mg/kg 500 79.8 102 70-130 6.63 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/10/19 10:54

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 13, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Work Order # 1909121

Enclosed are the results of analyses for samples received by Summit Scientific on 09/11/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-IME	1909121-01	Soil	09/11/19 11:50	09/11/19 15:45
A-IMW	1909121-02	Soil	09/11/19 11:45	09/11/19 15:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

A-IME
1909121-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909151	09/12/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.1 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	170	50	mg/kg	1	1909150	09/12/19	09/13/19	EPA 8015M	

Date Sampled: **09/11/19 11:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		141 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

A-IMW
1909121-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909151	09/12/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	320	50	mg/kg	1	1909150	09/12/19	09/13/19	EPA 8015M	

Date Sampled: **09/11/19 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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 1909151 - EPA 5030 Soil MS

Blank (1909151-BLK1)

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0478		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0359		"	0.0400		89.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0424		"	0.0400		106	21-167			

LCS (1909151-BS1)

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	0.0752	0.0020	mg/kg	0.100		75.2	70-130			
Toluene	0.0730	0.0050	"	0.100		73.0	70-130			
Ethylbenzene	0.0804	0.0050	"	0.100		80.4	70-130			
m,p-Xylene	0.146	0.010	"	0.200		72.8	70-130			
o-Xylene	0.0745	0.0050	"	0.100		74.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.6	23-173			
Surrogate: Toluene-d8	0.0366		"	0.0400		91.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.7	21-167			

Matrix Spike (1909151-MS1)

Source: 1909097-02

Prepared: 09/12/19 Analyzed: 09/13/19

Benzene	0.0769	0.0020	mg/kg	0.100	ND	76.9	70-130			
Toluene	0.0744	0.0050	"	0.100	ND	74.4	70-130			
Ethylbenzene	0.0861	0.0050	"	0.100	ND	86.1	70-130			
m,p-Xylene	0.156	0.010	"	0.200	ND	78.1	70-130			
o-Xylene	0.0793	0.0050	"	0.100	ND	79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0413		"	0.0400		103	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		93.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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 1909151 - EPA 5030 Soil MS

Matrix Spike Dup (1909151-MSD1)		Source: 1909097-02			Prepared: 09/12/19 Analyzed: 09/13/19					
Benzene	0.0768	0.0020	mg/kg	0.100	ND	76.8	70-130	0.195	30	
Toluene	0.0764	0.0050	"	0.100	ND	76.4	70-130	2.63	30	
Ethylbenzene	0.0876	0.0050	"	0.100	ND	87.6	70-130	1.76	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.1	70-130	1.34	30	
o-Xylene	0.0803	0.0050	"	0.100	ND	80.3	70-130	1.24	30	
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.6	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909150 - EPA 3550A

Blank (1909150-BLK1)

Prepared & Analyzed: 09/12/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909150-BS1)

Prepared & Analyzed: 09/12/19

C10-C28 (DRO) 561 50 mg/kg 500 112 70-130

Matrix Spike (1909150-MS1)

Source: 1909097-01

Prepared: 09/12/19 Analyzed: 09/13/19

C10-C28 (DRO) 559 50 mg/kg 500 56.5 100 70-130

Matrix Spike Dup (1909150-MSD1)

Source: 1909097-01

Prepared: 09/12/19 Analyzed: 09/13/19

C10-C28 (DRO) 534 50 mg/kg 500 56.5 95.5 70-130 4.54 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/13/19 17:41

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 16, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

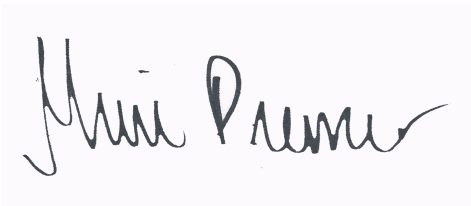
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1909172

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/19 17:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premier".

Muri Premier For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Island West 3 @18"	1909172-01	Soil	09/13/19 11:20	09/13/19 17:12
Island East 3 @18"	1909172-02	Soil	09/13/19 11:25	09/13/19 17:12

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island West 3 @18"
1909172-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		97.8 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Island East 3 @18"
1909172-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909180	09/13/19	09/13/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.54	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1200	50	mg/kg	1	1909181	09/13/19	09/13/19	EPA 8015M	

Date Sampled: **09/13/19 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Blank (1909180-BLK1)

Prepared & Analyzed: 09/13/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0442		"	0.0400		110	23-173			
Surrogate: Toluene-d8	0.0372		"	0.0400		92.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	21-167			

LCS (1909180-BS1)

Prepared & Analyzed: 09/13/19

Benzene	0.0825	0.0020	mg/kg	0.100		82.5	70-130			
Toluene	0.0800	0.0050	"	0.100		80.0	70-130			
Ethylbenzene	0.0860	0.0050	"	0.100		86.0	70-130			
m,p-Xylene	0.157	0.010	"	0.200		78.3	70-130			
o-Xylene	0.0793	0.0050	"	0.100		79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Matrix Spike (1909180-MS1)

Source: 1909143-01

Prepared: 09/13/19 Analyzed: 09/14/19

Benzene	0.0761	0.0020	mg/kg	0.100	ND	76.1	70-130			
Toluene	0.0754	0.0050	"	0.100	ND	75.4	70-130			
Ethylbenzene	0.0855	0.0050	"	0.100	ND	85.5	70-130			
m,p-Xylene	0.157	0.010	"	0.200	ND	78.7	70-130			
o-Xylene	0.0817	0.0050	"	0.100	ND	81.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0393		"	0.0400		98.2	23-173			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0385		"	0.0400		96.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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 1909180 - EPA 5030 Soil MS

Matrix Spike Dup (1909180-MSD1)		Source: 1909143-01			Prepared: 09/13/19 Analyzed: 09/14/19					
Benzene	0.0802	0.0020	mg/kg	0.100	ND	80.2	70-130	5.30	30	
Toluene	0.0788	0.0050	"	0.100	ND	78.8	70-130	4.51	30	
Ethylbenzene	0.0859	0.0050	"	0.100	ND	85.9	70-130	0.525	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.0	70-130	0.437	30	
o-Xylene	0.0833	0.0050	"	0.100	ND	83.3	70-130	1.96	30	
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0374		"	0.0400		93.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909181 - EPA 3550A

Blank (1909181-BLK1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909181-BS1)

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 497 50 mg/kg 500 99.4 70-130

Matrix Spike (1909181-MS1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 508 50 mg/kg 500 27.2 96.2 70-130

Matrix Spike Dup (1909181-MSD1)

Source: 1909132-01

Prepared & Analyzed: 09/13/19

C10-C28 (DRO) 529 50 mg/kg 500 27.2 100 70-130 3.95 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/16/19 14:09

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 18, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/19 17:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB-21D@1'	1909174-01	Soil	09/13/19 11:45	09/13/19 17:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

OB-21D@1'
1909174-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/13/19 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1909197	09/16/19	09/17/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/13/19 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/13/19 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1909196	09/16/19	09/16/19	EPA 8015M	

Date Sampled: **09/13/19 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		91.3 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

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 1909197 - EPA 5030 Soil MS

Blank (1909197-BLK1)

Prepared & Analyzed: 09/16/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	23-173			
Surrogate: Toluene-d8	0.0423		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0440		"	0.0400		110	21-167			

LCS (1909197-BS1)

Prepared & Analyzed: 09/16/19

Benzene	0.0754	0.0020	mg/kg	0.100		75.4	70-130			
Toluene	0.0996	0.0050	"	0.100		99.6	70-130			
Ethylbenzene	0.0892	0.0050	"	0.100		89.2	70-130			
m,p-Xylene	0.168	0.010	"	0.200		84.2	70-130			
o-Xylene	0.0865	0.0050	"	0.100		86.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0345		"	0.0400		86.2	23-173			
Surrogate: Toluene-d8	0.0460		"	0.0400		115	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

Matrix Spike (1909197-MS1)

Source: 1909174-01

Prepared & Analyzed: 09/16/19

Benzene	0.0708	0.0020	mg/kg	0.100	ND	70.8	70-130			
Toluene	0.107	0.0050	"	0.100	ND	107	70-130			
Ethylbenzene	0.0936	0.0050	"	0.100	ND	93.6	70-130			
m,p-Xylene	0.180	0.010	"	0.200	ND	90.1	70-130			
o-Xylene	0.0920	0.0050	"	0.100	ND	92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0321		"	0.0400		80.2	23-173			
Surrogate: Toluene-d8	0.0478		"	0.0400		120	20-170			
Surrogate: 4-Bromofluorobenzene	0.0406		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

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 1909197 - EPA 5030 Soil MS

Matrix Spike Dup (1909197-MSD1)		Source: 1909174-01			Prepared: 09/16/19 Analyzed: 09/17/19					
Benzene	0.0776	0.0020	mg/kg	0.100	ND	77.6	70-130	9.14	30	
Toluene	0.101	0.0050	"	0.100	ND	101	70-130	6.36	30	
Ethylbenzene	0.0898	0.0050	"	0.100	ND	89.8	70-130	4.06	30	
m,p-Xylene	0.171	0.010	"	0.200	ND	85.6	70-130	5.07	30	
o-Xylene	0.0872	0.0050	"	0.100	ND	87.2	70-130	5.36	30	
Surrogate: 1,2-Dichloroethane-d4	0.0343		"	0.0400		85.8	23-173			
Surrogate: Toluene-d8	0.0481		"	0.0400		120	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909196 - EPA 3550A

Blank (1909196-BLK1)

Prepared & Analyzed: 09/16/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909196-BS1)

Prepared & Analyzed: 09/16/19

C10-C28 (DRO) 510 50 mg/kg 500 102 70-130

Matrix Spike (1909196-MS1)

Source: 1909174-01

Prepared & Analyzed: 09/16/19

C10-C28 (DRO) 572 50 mg/kg 500 49.2 105 70-130

Matrix Spike Dup (1909196-MSD1)

Source: 1909174-01

Prepared & Analyzed: 09/16/19

C10-C28 (DRO) 560 50 mg/kg 500 49.2 102 70-130 2.02 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
09/18/19 06:54

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 01, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I

Enclosed are the results of analyses for samples received by Summit Scientific on 09/30/19 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BWW@12'	1909390-01	Soil	09/30/19 13:20	09/30/19 17:00
BWE@10'	1909390-02	Soil	09/30/19 13:25	09/30/19 17:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

BWW@12'
1909390-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/30/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1909428	09/30/19	10/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.025	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.38	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	62	0.50	"	"	"	"	"	"	

Date Sampled: **09/30/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		87.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		119 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/30/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1800	50	mg/kg	1	1909429	09/30/19	09/30/19	EPA 8015M	

Date Sampled: **09/30/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

BWE@10'
1909390-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/30/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0043	0.0020	mg/kg	1	1909428	09/30/19	10/01/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.014	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.024	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	20	0.50	"	"	"	"	"	"	

Date Sampled: **09/30/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		86.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/30/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1100	50	mg/kg	1	1909429	09/30/19	09/30/19	EPA 8015M	

Date Sampled: **09/30/19 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

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 1909428 - EPA 5030 Soil MS

Blank (1909428-BLK1)

Prepared: 09/30/19 Analyzed: 10/01/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0490		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0380		"	0.0400		94.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

LCS (1909428-BS1)

Prepared: 09/30/19 Analyzed: 10/01/19

Benzene	0.0853	0.0020	mg/kg	0.100		85.3	70-130			
Toluene	0.0814	0.0050	"	0.100		81.4	70-130			
Ethylbenzene	0.0873	0.0050	"	0.100		87.3	70-130			
m,p-Xylene	0.158	0.010	"	0.200		79.0	70-130			
o-Xylene	0.0805	0.0050	"	0.100		80.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0401		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		94.9	21-167			

Matrix Spike (1909428-MS1)

Source: 1909394-03

Prepared: 09/30/19 Analyzed: 10/01/19

Benzene	0.0806	0.0020	mg/kg	0.100	ND	80.6	70-130			
Toluene	0.0770	0.0050	"	0.100	ND	77.0	70-130			
Ethylbenzene	0.0867	0.0050	"	0.100	ND	86.7	70-130			
m,p-Xylene	0.159	0.010	"	0.200	ND	79.4	70-130			
o-Xylene	0.0793	0.0050	"	0.100	ND	79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.5	23-173			
Surrogate: Toluene-d8	0.0363		"	0.0400		90.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

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 1909428 - EPA 5030 Soil MS

Matrix Spike Dup (1909428-MSD1)		Source: 1909394-03			Prepared: 09/30/19 Analyzed: 10/01/19					
Benzene	0.0852	0.0020	mg/kg	0.100	ND	85.2	70-130	5.57	30	
Toluene	0.0820	0.0050	"	0.100	ND	82.0	70-130	6.34	30	
Ethylbenzene	0.0911	0.0050	"	0.100	ND	91.1	70-130	4.99	30	
m,p-Xylene	0.163	0.010	"	0.200	ND	81.5	70-130	2.70	30	
o-Xylene	0.0819	0.0050	"	0.100	ND	81.9	70-130	3.20	30	
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.5	23-173			
Surrogate: Toluene-d8	0.0361		"	0.0400		90.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271
Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1909429 - EPA 3550A

Blank (1909429-BLK1)

Prepared: 09/30/19 Analyzed: 10/01/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1909429-BS1)

Prepared: 09/30/19 Analyzed: 10/01/19

C10-C28 (DRO) 427 50 mg/kg 500 85.3 70-130

Matrix Spike (1909429-MS1)

Source: 1909394-03

Prepared: 09/30/19 Analyzed: 10/01/19

C10-C28 (DRO) 424 50 mg/kg 500 32.3 78.2 70-130

Matrix Spike Dup (1909429-MSD1)

Source: 1909394-03

Prepared: 09/30/19 Analyzed: 10/01/19

C10-C28 (DRO) 429 50 mg/kg 500 32.3 79.4 70-130 1.30 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/01/19 06:14

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 05, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1910056

Enclosed are the results of analyses for samples received by Summit Scientific on 10/04/19 14:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premer".

Muri Premer For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS33@12'	1910056-01	Soil	10/04/19 11:10	10/04/19 14:50
SS34@10'	1910056-02	Soil	10/04/19 11:20	10/04/19 14:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

SS33@12'
1910056-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	0.074	0.0020	mg/kg	1	1910095	10/04/19	10/04/19	EPA 8260B	
Toluene	0.0064	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.032	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.090	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	9.7	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92.8 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	5100	50	mg/kg	1	1910096	10/04/19	10/04/19	EPA 8015M	

Date Sampled: **10/04/19 11:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>		209 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

SS34@10'
1910056-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0069	0.0020	mg/kg	1	1910095	10/04/19	10/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.069	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	11	0.50	"	"	"	"	"	"	

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	2600	50	mg/kg	1	1910096	10/04/19	10/04/19	EPA 8015M	

Date Sampled: **10/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		141 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 1910095 - EPA 5030 Soil MS

Blank (1910095-BLK1)

Prepared & Analyzed: 10/04/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.0	21-167			

LCS (1910095-BS1)

Prepared & Analyzed: 10/04/19

Benzene	0.102	0.0020	mg/kg	0.100		102	70-130			
Toluene	0.106	0.0050	"	0.100		106	70-130			
Ethylbenzene	0.122	0.0050	"	0.100		122	70-130			
m,p-Xylene	0.227	0.010	"	0.200		113	70-130			
o-Xylene	0.110	0.0050	"	0.100		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.6	23-173			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.4	21-167			

Matrix Spike (1910095-MS1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

Benzene	0.115	0.0020	mg/kg	0.100	ND	115	70-130			
Toluene	0.119	0.0050	"	0.100	ND	119	70-130			
Ethylbenzene	0.106	0.0050	"	0.100	ND	106	70-130			
m,p-Xylene	0.255	0.010	"	0.200	ND	128	70-130			
o-Xylene	0.123	0.0050	"	0.100	ND	123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.5	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

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 1910095 - EPA 5030 Soil MS

Matrix Spike Dup (1910095-MSD1)	Source: 1910053-01			Prepared & Analyzed: 10/04/19						
Benzene	0.110	0.0020	mg/kg	0.100	ND	110	70-130	4.61	30	
Toluene	0.114	0.0050	"	0.100	ND	114	70-130	3.55	30	
Ethylbenzene	0.120	0.0050	"	0.100	ND	120	70-130	12.4	30	
m,p-Xylene	0.227	0.010	"	0.200	ND	114	70-130	11.7	30	
o-Xylene	0.108	0.0050	"	0.100	ND	108	70-130	13.3	30	
Surrogate: 1,2-Dichloroethane-d4	0.0537		"	0.0400		134	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910096 - EPA 3550A

Blank (1910096-BLK1)

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910096-BS1)

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 599 50 mg/kg 500 120 70-130

Matrix Spike (1910096-MS1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 584 50 mg/kg 500 38.6 109 70-130

Matrix Spike Dup (1910096-MSD1)

Source: 1910053-01

Prepared & Analyzed: 10/04/19

C10-C28 (DRO) 579 50 mg/kg 500 38.6 108 70-130 0.811 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/05/19 15:38

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 10, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/09/19 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS35@10'	1910094-01	Soil	10/09/19 13:30	10/09/19 16:30
SS36@10'	1910094-02	Soil	10/09/19 13:35	10/09/19 16:30
SS37@12'	1910094-03	Soil	10/09/19 13:40	10/09/19 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS35@10'
1910094-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	15	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.3 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1100	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS36@10'
1910094-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.030	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	0.029	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.023	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.21	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	60	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		86.0 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		145 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	5600	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		202 %	30-150		"	"	"	"	S-02

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

SS37@12'
1910094-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910131	10/09/19	10/10/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.020	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	15	0.50	"	"	"	"	"	"	

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	1500	50	mg/kg	1	1910126	10/09/19	10/09/19	EPA 8015M	

Date Sampled: **10/09/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		132 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

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 1910131 - EPA 5030 Soil MS

Blank (1910131-BLK1)

Prepared & Analyzed: 10/09/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0476		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

LCS (1910131-BS1)

Prepared & Analyzed: 10/09/19

Benzene	0.0769	0.0020	mg/kg	0.100		76.9	70-130			
Toluene	0.0977	0.0050	"	0.100		97.7	70-130			
Ethylbenzene	0.0888	0.0050	"	0.100		88.8	70-130			
m,p-Xylene	0.164	0.010	"	0.200		82.2	70-130			
o-Xylene	0.0835	0.0050	"	0.100		83.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0343		"	0.0400		85.7	23-173			
Surrogate: Toluene-d8	0.0442		"	0.0400		111	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike (1910131-MS1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

Benzene	0.0704	0.0020	mg/kg	0.100	ND	70.4	70-130			
Toluene	0.0828	0.0050	"	0.100	ND	82.8	70-130			
Ethylbenzene	0.0822	0.0050	"	0.100	ND	82.2	70-130			
m,p-Xylene	0.152	0.010	"	0.200	ND	75.9	70-130			
o-Xylene	0.0793	0.0050	"	0.100	ND	79.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.4	23-173			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

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 1910131 - EPA 5030 Soil MS

Matrix Spike Dup (1910131-MSD1)	Source: 1910074-01			Prepared & Analyzed: 10/09/19						
Benzene	0.0791	0.0020	mg/kg	0.100	ND	79.1	70-130	11.6	30	
Toluene	0.100	0.0050	"	0.100	ND	100	70-130	19.2	30	
Ethylbenzene	0.0881	0.0050	"	0.100	ND	88.1	70-130	6.90	30	
m,p-Xylene	0.168	0.010	"	0.200	ND	84.2	70-130	10.3	30	
o-Xylene	0.0860	0.0050	"	0.100	ND	86.0	70-130	8.09	30	
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.8	23-173			
Surrogate: Toluene-d8	0.0456		"	0.0400		114	20-170			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910126 - EPA 3550A

Blank (1910126-BLK1)

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910126-BS1)

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 429 50 mg/kg 500 85.9 70-130

Matrix Spike (1910126-MS1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 419 50 mg/kg 500 ND 83.8 70-130

Matrix Spike Dup (1910126-MSD1)

Source: 1910074-01

Prepared & Analyzed: 10/09/19

C10-C28 (DRO) 426 50 mg/kg 500 ND 85.1 70-130 1.60 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/10/19 06:56

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 15, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/14/19 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-38@12	1910140-01	Soil	10/14/19 13:40	10/14/19 16:10
SS-39@12	1910140-02	Soil	10/14/19 13:50	10/14/19 16:10

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

191040

Page 1 of 1

Project Manager:	Jennifer Galles
E-Mail:	jgalles@talonlpe.com & jleverton@talonlpe.com
Project Name:	Razor 271 - North Excavation
Project Number:	701530.054.05

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order 1910140

Client: Talon/LE Client Project ID: RAZOR ZFI NORTH EXCAVATION

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

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

Temp (°C)	<u>3.4</u>
-----------	------------

Thermometer ID: 61857155-K

	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 provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

TZ
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

10/14/19
Date/Time 1646



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

SS-38@12
1910140-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910196	10/14/19	10/14/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1910197	10/14/19	10/14/19	EPA 8015M	

Date Sampled: **10/14/19 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

SS-39@12
1910140-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.12	0.0020	mg/kg	1	1910196	10/14/19	10/15/19	EPA 8260B	
Toluene	0.0052	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.090	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.18	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	13	0.50	"	"	"	"	"	"	

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92.7 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	190	50	mg/kg	1	1910197	10/14/19	10/14/19	EPA 8015M	

Date Sampled: **10/14/19 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		111 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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 1910196 - EPA 5030 Soil MS

Blank (1910196-BLK1)

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0489		"	0.0400		122	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0437		"	0.0400		109	21-167			

LCS (1910196-BS1)

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	0.0985	0.0020	mg/kg	0.100		98.5	70-130			
Toluene	0.0930	0.0050	"	0.100		93.0	70-130			
Ethylbenzene	0.0828	0.0050	"	0.100		82.8	70-130			
m,p-Xylene	0.180	0.010	"	0.200		90.0	70-130			
o-Xylene	0.0796	0.0050	"	0.100		79.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.5	23-173			
Surrogate: Toluene-d8	0.0495		"	0.0400		124	20-170			
Surrogate: 4-Bromofluorobenzene	0.0424		"	0.0400		106	21-167			

Matrix Spike (1910196-MS1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

Benzene	0.0718	0.0020	mg/kg	0.100	ND	71.8	70-130			
Toluene	0.0940	0.0050	"	0.100	ND	94.0	70-130			
Ethylbenzene	0.0837	0.0050	"	0.100	ND	83.7	70-130			
m,p-Xylene	0.182	0.010	"	0.200	ND	90.9	70-130			
o-Xylene	0.0814	0.0050	"	0.100	ND	81.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0437		"	0.0400		109	23-173			
Surrogate: Toluene-d8	0.0490		"	0.0400		122	20-170			
Surrogate: 4-Bromofluorobenzene	0.0435		"	0.0400		109	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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 1910196 - EPA 5030 Soil MS

Matrix Spike Dup (1910196-MSD1)	Source: 1910140-01			Prepared: 10/14/19 Analyzed: 10/15/19						
Benzene	0.0729	0.0020	mg/kg	0.100	ND	72.9	70-130	1.53	30	
Toluene	0.0924	0.0050	"	0.100	ND	92.4	70-130	1.74	30	
Ethylbenzene	0.0845	0.0050	"	0.100	ND	84.5	70-130	0.928	30	
m,p-Xylene	0.183	0.010	"	0.200	ND	91.5	70-130	0.691	30	
o-Xylene	0.0833	0.0050	"	0.100	ND	83.3	70-130	2.37	30	
Surrogate: 1,2-Dichloroethane-d4	0.0397		"	0.0400		99.2	23-173			
Surrogate: Toluene-d8	0.0467		"	0.0400		117	20-170			
Surrogate: 4-Bromofluorobenzene	0.0420		"	0.0400		105	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910197 - EPA 3550A

Blank (1910197-BLK1)

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910197-BS1)

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 496 50 mg/kg 500 99.2 70-130

Matrix Spike (1910197-MS1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 432 50 mg/kg 500 41.1 78.2 70-130

Matrix Spike Dup (1910197-MSD1)

Source: 1910140-01

Prepared: 10/14/19 Analyzed: 10/15/19

C10-C28 (DRO) 453 50 mg/kg 500 41.1 82.4 70-130 4.74 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/15/19 06:38

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 16, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/15/19 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-40@10'	1910164-01	Soil	10/15/19 13:45	10/15/19 16:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

SS-40@10'
1910164-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910212	10/15/19	10/16/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	17	0.50	"	"	"	"	"	"	

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1100	50	mg/kg	1	1910213	"	10/16/19	EPA 8015M	

Date Sampled: **10/15/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		131 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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 1910212 - EPA 5030 Soil MS

Blank (1910212-BLK1)

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0507		"	0.0400		127	23-173			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	20-170			
Surrogate: 4-Bromofluorobenzene	0.0447		"	0.0400		112	21-167			

LCS (1910212-BS1)

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	0.0749	0.0020	mg/kg	0.100		74.9	70-130			
Toluene	0.0864	0.0050	"	0.100		86.4	70-130			
Ethylbenzene	0.0812	0.0050	"	0.100		81.2	70-130			
m,p-Xylene	0.208	0.010	"	0.200		104	70-130			
o-Xylene	0.0784	0.0050	"	0.100		78.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0364		"	0.0400		91.0	23-173			
Surrogate: Toluene-d8	0.0472		"	0.0400		118	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

Matrix Spike (1910212-MS1)

Source: 1910159-01

Prepared: 10/15/19 Analyzed: 10/16/19

Benzene	0.0778	0.0020	mg/kg	0.100	ND	77.8	70-130			
Toluene	0.0862	0.0050	"	0.100	ND	86.2	70-130			
Ethylbenzene	0.0866	0.0050	"	0.100	ND	86.6	70-130			
m,p-Xylene	0.211	0.010	"	0.200	ND	106	70-130			
o-Xylene	0.0811	0.0050	"	0.100	ND	81.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0418		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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 1910212 - EPA 5030 Soil MS

Matrix Spike Dup (1910212-MSD1)		Source: 1910159-01			Prepared: 10/15/19 Analyzed: 10/16/19					
Benzene	0.0726	0.0020	mg/kg	0.100	ND	72.6	70-130	6.90	30	
Toluene	0.103	0.0050	"	0.100	ND	103	70-130	17.7	30	
Ethylbenzene	0.0894	0.0050	"	0.100	ND	89.4	70-130	3.21	30	
m,p-Xylene	0.217	0.010	"	0.200	ND	108	70-130	2.65	30	
o-Xylene	0.0876	0.0050	"	0.100	ND	87.6	70-130	7.76	30	
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.5	23-173			
Surrogate: Toluene-d8	0.0508		"	0.0400		127	20-170			
Surrogate: 4-Bromofluorobenzene	0.0422		"	0.0400		106	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.05

Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910213 - EPA 3550A

Blank (1910213-BLK1)

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910213-BS1)

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 467 50 mg/kg 500 93.3 70-130

Matrix Spike (1910213-MS1)

Source: 1910159-01

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 494 50 mg/kg 500 47.3 89.3 70-130

Matrix Spike Dup (1910213-MSD1)

Source: 1910159-01

Prepared & Analyzed: 10/15/19

C10-C28 (DRO) 494 50 mg/kg 500 47.3 89.3 70-130 0.0450 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.05
Project Manager: Jennifer Galles

Reported:
10/16/19 06:25

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 21, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I - East Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/17/19 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Shrewsbury', written in a cursive style.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB22-B	1910204-01	Soil	10/17/19 12:55	10/17/19 15:30
OB23-B	1910204-02	Soil	10/17/19 12:56	10/17/19 15:30
OB24-E	1910204-03	Soil	10/17/19 12:57	10/17/19 15:30
OB25-A	1910204-04	Soil	10/17/19 12:58	10/17/19 15:30
OB26-D	1910204-05	Soil	10/17/19 12:59	10/17/19 15:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB22-B
1910204-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		121 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB23-B
1910204-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		132 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB24-E
1910204-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		139 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.5 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB25-A
1910204-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:58**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

OB26-D
1910204-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1910271	10/18/19	10/19/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		140 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1910272	"	10/18/19	EPA 8015M	

Date Sampled: **10/17/19 12:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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 1910271 - EPA 5030 Soil MS

Blank (1910271-BLK1)

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0564		"	0.0400		141	23-173			
Surrogate: Toluene-d8	0.0408		"	0.0400		102	20-170			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400		107	21-167			

LCS (1910271-BS1)

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	0.0724	0.0020	mg/kg	0.100		72.4	70-130			
Toluene	0.0723	0.0050	"	0.100		72.3	70-130			
Ethylbenzene	0.0826	0.0050	"	0.100		82.6	70-130			
m,p-Xylene	0.176	0.010	"	0.200		88.0	70-130			
o-Xylene	0.0756	0.0050	"	0.100		75.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	21-167			

Matrix Spike (1910271-MS1)

Source: 1910204-01

Prepared: 10/18/19 Analyzed: 10/19/19

Benzene	0.0747	0.0020	mg/kg	0.100	ND	74.7	70-130			
Toluene	0.0762	0.0050	"	0.100	ND	76.2	70-130			
Ethylbenzene	0.0821	0.0050	"	0.100	ND	82.1	70-130			
m,p-Xylene	0.176	0.010	"	0.200	ND	87.9	70-130			
o-Xylene	0.0771	0.0050	"	0.100	ND	77.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0462		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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 1910271 - EPA 5030 Soil MS

Matrix Spike Dup (1910271-MSD1)	Source: 1910204-01			Prepared: 10/18/19 Analyzed: 10/19/19						
Benzene	0.0736	0.0020	mg/kg	0.100	ND	73.6	70-130	1.50	30	
Toluene	0.0763	0.0050	"	0.100	ND	76.3	70-130	0.0787	30	
Ethylbenzene	0.0854	0.0050	"	0.100	ND	85.4	70-130	3.98	30	
m,p-Xylene	0.178	0.010	"	0.200	ND	89.2	70-130	1.49	30	
o-Xylene	0.0794	0.0050	"	0.100	ND	79.4	70-130	2.99	30	
Surrogate: 1,2-Dichloroethane-d4	0.0452		"	0.0400		113	23-173			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910272 - EPA 3550A

Blank (1910272-BLK1)

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910272-BS1)

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 498 50 mg/kg 500 99.6 70-130

Matrix Spike (1910272-MS1)

Source: 1910204-01

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 531 50 mg/kg 500 29.7 100 70-130

Matrix Spike Dup (1910272-MSD1)

Source: 1910204-01

Prepared & Analyzed: 10/18/19

C10-C28 (DRO) 488 50 mg/kg 500 29.7 91.7 70-130 8.28 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/21/19 15:25

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 25, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I - East Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 10/24/19 14:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-41@12'	1910300-01	Soil	10/24/19 11:10	10/24/19 14:50
SS-42@12'	1910300-02	Soil	10/24/19 11:15	10/24/19 14:50

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

SS-41@12'
1910300-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.016	0.0020	mg/kg	1	1910376	10/24/19	10/25/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.031	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.20	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	26	0.50	"	"	"	"	"	"	

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.3 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		132 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	440	50	mg/kg	1	1910377	10/24/19	10/25/19	EPA 8015M	

Date Sampled: **10/24/19 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		78.0 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

SS-42@12'
1910300-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.081	0.0020	mg/kg	1	1910376	10/24/19	10/25/19	EPA 8260B	
Toluene	0.017	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.16	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.40	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	14	0.50	"	"	"	"	"	"	

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		113 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		111 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	430	50	mg/kg	1	1910377	10/24/19	10/25/19	EPA 8015M	

Date Sampled: **10/24/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		78.4 %	30-150		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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 1910376 - EPA 5030 Soil MS

Blank (1910376-BLK1)

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0359		"	0.0400		89.8	23-173			
Surrogate: Toluene-d8	0.0436		"	0.0400		109	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

LCS (1910376-BS1)

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	0.0834	0.0020	mg/kg	0.100		83.4	70-130			
Toluene	0.121	0.0050	"	0.100		121	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.237	0.010	"	0.200		119	70-130			
o-Xylene	0.124	0.0050	"	0.100		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0288		"	0.0400		71.9	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0380		"	0.0400		95.0	21-167			

Matrix Spike (1910376-MS1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

Benzene	0.101	0.0020	mg/kg	0.100	ND	101	70-130			
Toluene	0.117	0.0050	"	0.100	ND	117	70-130			
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130			
m,p-Xylene	0.244	0.010	"	0.200	ND	122	70-130			
o-Xylene	0.129	0.0050	"	0.100	ND	129	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0400		91.2	23-173			
Surrogate: Toluene-d8	0.0460		"	0.0400		115	20-170			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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 1910376 - EPA 5030 Soil MS

Matrix Spike Dup (1910376-MSD1)		Source: 1910301-01			Prepared: 10/24/19 Analyzed: 10/25/19					
Benzene	0.106	0.0020	mg/kg	0.100	ND	106	70-130	4.59	30	
Toluene	0.114	0.0050	"	0.100	ND	114	70-130	2.84	30	
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	3.45	30	
m,p-Xylene	0.238	0.010	"	0.200	ND	119	70-130	2.79	30	
o-Xylene	0.123	0.0050	"	0.100	ND	123	70-130	4.67	30	
Surrogate: 1,2-Dichloroethane-d4	0.0388		"	0.0400		96.9	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910377 - EPA 3550A

Blank (1910377-BLK1)

Prepared & Analyzed: 10/24/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910377-BS1)

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 504 50 mg/kg 500 101 70-130

Matrix Spike (1910377-MS1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 502 50 mg/kg 500 23.0 95.9 70-130

Matrix Spike Dup (1910377-MSD1)

Source: 1910301-01

Prepared: 10/24/19 Analyzed: 10/25/19

C10-C28 (DRO) 502 50 mg/kg 500 23.0 95.7 70-130 0.133 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 - East Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
10/25/19 06:27

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 04, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

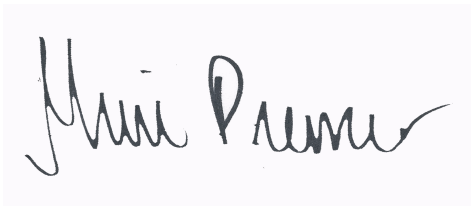
Fort Collins, CO 80525

RE: Razor 27I North Excavation

Work Order # 1910365

Enclosed are the results of analyses for samples received by Summit Scientific on 10/31/19 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and appears to read "Muri Premier".

Muri Premier For Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-3@14'	1910365-01	Soil	10/31/19 13:05	10/31/19 15:45
BH-4@14'	1910365-02	Soil	10/31/19 13:20	10/31/19 15:45
BH-5@14'	1910365-03	Soil	10/31/19 14:00	10/31/19 15:45

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-3@14'
1910365-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910455	10/31/19	10/31/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	10/31/19	"	
Xylenes (total)	ND	0.010	"	"	1911007	11/01/19	11/02/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	1910455	10/31/19	10/31/19	"	

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		119 %	23-173		1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8		96.9 %	20-170		1910455	10/31/19	10/31/19	"	
Surrogate: Toluene-d8		106 %	20-170		1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene		104 %	21-167		1910455	10/31/19	10/31/19	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		1911007	11/01/19	11/02/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		55.1 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-4@14'
1910365-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1911007	11/01/19	11/02/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1910455	10/31/19	10/31/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	10/31/19	"	
Xylenes (total)	ND	0.010	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	10/31/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	23-173		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		123 %	23-173		1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8		97.8 %	20-170		1910455	10/31/19	10/31/19	"	
Surrogate: Toluene-d8		108 %	20-170		1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		1910455	10/31/19	10/31/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		53.9 %	30-150		"	"	"	"	

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

BH-5@14'
1910365-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1910455	10/31/19	11/01/19	EPA 8260B	
Benzene	ND	0.0020	"	"	1911007	11/01/19	11/02/19	"	
Toluene	ND	0.0050	"	"	1910455	10/31/19	11/01/19	"	
Toluene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Ethylbenzene	ND	0.0050	"	"	1910455	10/31/19	11/01/19	"	
Ethylbenzene	ND	0.0050	"	"	1911007	11/01/19	11/02/19	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	1910455	10/31/19	11/01/19	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		120 %	23-173		1911007	11/01/19	11/02/19	"	
Surrogate: Toluene-d8		96.6 %	20-170		1910455	10/31/19	11/01/19	"	
Surrogate: Toluene-d8		108 %	20-170		1911007	11/01/19	11/02/19	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		1910455	10/31/19	11/01/19	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1910449	10/31/19	10/31/19	EPA 8015M	

Date Sampled: **10/31/19 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		56.9 %	30-150		"	"	"	"	

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:

11/04/19 16:54

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 1910455 - EPA 5030 Soil MS

Blank (1910455-BLK1)

Prepared & Analyzed: 10/31/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0483		"	0.0400		121	23-173			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0438		"	0.0400		110	21-167			

LCS (1910455-BS1)

Prepared & Analyzed: 10/31/19

Benzene	0.0924	0.0020	mg/kg	0.100		92.4	70-130			
Toluene	0.0842	0.0050	"	0.100		84.2	70-130			
Ethylbenzene	0.0758	0.0050	"	0.100		75.8	70-130			
m,p-Xylene	0.196	0.010	"	0.200		98.1	70-130			
o-Xylene	0.0737	0.0050	"	0.100		73.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0494		"	0.0400		124	20-170			
Surrogate: 4-Bromofluorobenzene	0.0443		"	0.0400		111	21-167			

Matrix Spike (1910455-MS1)

Source: 1910315-01

Prepared & Analyzed: 10/31/19

Benzene	0.0974	0.0020	mg/kg	0.100	ND	97.4	70-130			
Toluene	0.0848	0.0050	"	0.100	ND	84.8	70-130			
Ethylbenzene	0.0830	0.0050	"	0.100	ND	83.0	70-130			
m,p-Xylene	0.206	0.010	"	0.200	ND	103	70-130			
o-Xylene	0.0788	0.0050	"	0.100	ND	78.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	23-173			
Surrogate: Toluene-d8	0.0450		"	0.0400		112	20-170			
Surrogate: 4-Bromofluorobenzene	0.0412		"	0.0400		103	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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 1910455 - EPA 5030 Soil MS

Matrix Spike Dup (1910455-MSD1)

Source: 1910315-01

Prepared & Analyzed: 10/31/19

Benzene	0.0748	0.0020	mg/kg	0.100	ND	74.8	70-130	26.3	30	
Toluene	0.0935	0.0050	"	0.100	ND	93.5	70-130	9.69	30	
Ethylbenzene	0.0903	0.0050	"	0.100	ND	90.3	70-130	8.52	30	
m,p-Xylene	0.157	0.010	"	0.200	ND	78.5	70-130	27.1	30	
o-Xylene	0.0839	0.0050	"	0.100	ND	83.9	70-130	6.23	30	
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	23-173			
Surrogate: Toluene-d8	0.0478		"	0.0400		119	20-170			
Surrogate: 4-Bromofluorobenzene	0.0421		"	0.0400		105	21-167			

Batch 1911007 - EPA 5030 Soil MS

Blank (1911007-BLK1)

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0466		"	0.0400		116	23-173			
Surrogate: Toluene-d8	0.0426		"	0.0400		107	20-170			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	21-167			

LCS (1911007-BS1)

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0808	0.0020	mg/kg	0.100		80.8	70-130			
Toluene	0.0862	0.0050	"	0.100		86.2	70-130			
Ethylbenzene	0.0914	0.0050	"	0.100		91.4	70-130			
m,p-Xylene	0.176	0.010	"	0.200		88.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0472		"	0.0400		118	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0417		"	0.0400		104	21-167			

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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 1911007 - EPA 5030 Soil MS

Matrix Spike (1911007-MS1)

Source: 1910349-01

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0832	0.0020	mg/kg	0.100	ND	83.2	70-130		
Toluene	0.0897	0.0050	"	0.100	ND	89.7	70-130		
Ethylbenzene	0.0912	0.0050	"	0.100	ND	91.2	70-130		
m,p-Xylene	0.176	0.010	"	0.200	ND	88.1	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.0488		"	0.0400		122	23-173		
Surrogate: Toluene-d8	0.0440		"	0.0400		110	20-170		
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		97.9	21-167		

Matrix Spike Dup (1911007-MSD1)

Source: 1910349-01

Prepared: 11/01/19 Analyzed: 11/02/19

Benzene	0.0808	0.0020	mg/kg	0.100	ND	80.8	70-130	2.93	30
Toluene	0.0880	0.0050	"	0.100	ND	88.0	70-130	1.89	30
Ethylbenzene	0.0928	0.0050	"	0.100	ND	92.8	70-130	1.79	30
m,p-Xylene	0.178	0.010	"	0.200	ND	89.1	70-130	1.13	30
Surrogate: 1,2-Dichloroethane-d4	0.0505		"	0.0400		126	23-173		
Surrogate: Toluene-d8	0.0430		"	0.0400		107	20-170		
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.1	21-167		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1910449 - EPA 3550A

Blank (1910449-BLK1)

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1910449-BS1)

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 567 50 mg/kg 500 113 70-130

Matrix Spike (1910449-MS1)

Source: 1910315-01

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 598 50 mg/kg 500 46.1 110 70-130

Matrix Spike Dup (1910449-MSD1)

Source: 1910315-01

Prepared: 10/31/19 Analyzed: 11/01/19

C10-C28 (DRO) 540 50 mg/kg 500 46.1 98.8 70-130 10.3 20

Summit Scientific

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Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/04/19 16:54

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 05, 2019

Jennifer Galles

Talon/LPE

1811 East Mulberry

Fort Collins, CO 80525

RE: Razor 27I North Excavation

Enclosed are the results of analyses for samples received by Summit Scientific on 11/04/19 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



Talon/LPE
1811 East Mulberry
Fort Collins CO, 80525

Project: Razor 27I North Excavation

Project Number: 701530.054.06
Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-6	1911020-01	Soil	11/04/19 11:05	11/04/19 17:00
BH-7	1911020-02	Soil	11/04/19 11:10	11/04/19 17:00
BH-8	1911020-03	Soil	11/04/19 11:15	11/04/19 17:00
BH-9	1911020-04	Soil	11/04/19 11:20	11/04/19 17:00

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Project: Razor 271 North Excavation

Project Number: 701530.054.06

Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-6
1911020-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		110 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	69	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

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Reported:
11/05/19 06:33

BH-7
1911020-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	63	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

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Reported:
11/05/19 06:33

BH-8
1911020-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		130 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		118 %	30-150		"	"	"	"	

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Project Manager: Jennifer Galles

Reported:
11/05/19 06:33

BH-9
1911020-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1911024	11/04/19	11/04/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1911025	11/04/19	11/05/19	EPA 8015M	

Date Sampled: **11/04/19 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

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Reported:
11/05/19 06:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 1911024 - EPA 5030 Soil MS

Blank (1911024-BLK1)

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0481		"	0.0400		120	23-173			
Surrogate: Toluene-d8	0.0433		"	0.0400		108	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		104	21-167			

LCS (1911024-BS1)

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	0.0813	0.0020	mg/kg	0.100		81.3	70-130			
Toluene	0.0851	0.0050	"	0.100		85.1	70-130			
Ethylbenzene	0.0911	0.0050	"	0.100		91.1	70-130			
m,p-Xylene	0.178	0.010	"	0.200		88.9	70-130			
o-Xylene	0.0873	0.0050	"	0.100		87.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0475		"	0.0400		119	23-173			
Surrogate: Toluene-d8	0.0432		"	0.0400		108	20-170			
Surrogate: 4-Bromofluorobenzene	0.0422		"	0.0400		106	21-167			

Matrix Spike (1911024-MS1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

Benzene	0.0818	0.0020	mg/kg	0.100	ND	81.8	70-130			
Toluene	0.0857	0.0050	"	0.100	ND	85.7	70-130			
Ethylbenzene	0.0931	0.0050	"	0.100	ND	93.1	70-130			
m,p-Xylene	0.180	0.010	"	0.200	ND	90.0	70-130			
o-Xylene	0.0914	0.0050	"	0.100	ND	91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0534		"	0.0400		134	23-173			
Surrogate: Toluene-d8	0.0424		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	21-167			

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11/05/19 06:33

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 1911024 - EPA 5030 Soil MS

Matrix Spike Dup (1911024-MSD1)	Source: 1911020-01			Prepared: 11/04/19 Analyzed: 11/05/19						
Benzene	0.0810	0.0020	mg/kg	0.100	ND	81.0	70-130	0.921	30	
Toluene	0.0854	0.0050	"	0.100	ND	85.4	70-130	0.386	30	
Ethylbenzene	0.0908	0.0050	"	0.100	ND	90.8	70-130	2.45	30	
m,p-Xylene	0.179	0.010	"	0.200	ND	89.4	70-130	0.636	30	
o-Xylene	0.0875	0.0050	"	0.100	ND	87.5	70-130	4.26	30	
Surrogate: 1,2-Dichloroethane-d4	0.0492		"	0.0400		123	23-173			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		105	21-167			

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Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1911025 - EPA 3550A

Blank (1911025-BLK1)

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) ND 50 mg/kg

LCS (1911025-BS1)

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 439 50 mg/kg 500 87.8 70-130

Matrix Spike (1911025-MS1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 412 50 mg/kg 500 68.9 68.5 70-130

Matrix Spike Dup (1911025-MSD1)

Source: 1911020-01

Prepared: 11/04/19 Analyzed: 11/05/19

C10-C28 (DRO) 430 50 mg/kg 500 68.9 72.3 70-130 4.41 20

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