

# Summit Scientific

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303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 16, 2015

Matt Pickett  
DCP Midstream  
370 17th Street #2500  
Denver, CO 80202  
RE: Nelson Milton

Enclosed are the results of analyses for samples received by Summit Scientific on 07/15/15 14:00. 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



DCP Midstream  
370 17th Street #2500  
Denver CO, 80202

Project: Nelson Milton  
Project Number: [none]  
Project Manager: Matt Pickett

**Reported:**  
07/16/15 07:06

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01	1507160-01	Soil	07/15/15 08:25	07/15/15 14:00
SS02	1507160-02	Soil	07/15/15 09:45	07/15/15 14:00
SS03	1507160-03	Soil	07/15/15 11:30	07/15/15 14:00
SS04	1507160-04	Soil	07/15/15 11:45	07/15/15 14:00
SS05	1507160-05	Soil	07/15/15 11:55	07/15/15 14:00

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DCP Midstream  
370 17th Street #2500  
Denver CO, 80202

Project: Nelson Milton  
Project Number: [none]  
Project Manager: Matt Pickett

Reported:  
07/16/15 07:06

**SS01**  
**1507160-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 07/15/15 08:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1507179	07/15/15	07/15/15	8015M	

Date Sampled: 07/15/15 08:25

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: 07/15/15 08:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1507178	07/15/15	07/15/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 07/15/15 08:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	21-167		"	"	"	"	

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07/16/15 07:06

**SS02**  
**1507160-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 07/15/15 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1507179	07/15/15	07/15/15	8015M	

Date Sampled: 07/15/15 09:45

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: 07/15/15 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0018	mg/kg	1	1507178	07/15/15	07/15/15	EPA 8260B	
Toluene	ND	0.0045	"	"	"	"	"	"	
Ethylbenzene	ND	0.0045	"	"	"	"	"	"	
Xylenes (total)	ND	0.0045	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.45	"	"	"	"	"	"	

Date Sampled: 07/15/15 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	21-167		"	"	"	"	

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**SS03**  
**1507160-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 07/15/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1507179	07/15/15	07/15/15	8015M	

Date Sampled: 07/15/15 11:30

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: 07/15/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1507178	07/15/15	07/15/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.78	0.50	"	"	"	"	"	"	

Date Sampled: 07/15/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	21-167		"	"	"	"	

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**SS04**  
**1507160-04 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 07/15/15 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	840	50	mg/kg	1	1507179	07/15/15	07/15/15	8015M	

Date Sampled: 07/15/15 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		119 %	30-150		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 07/15/15 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1507178	07/15/15	07/15/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.1	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	77	0.50	"	"	"	"	"	"	

Date Sampled: 07/15/15 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		110 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		130 %	21-167		"	"	"	"	

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**SS05**  
**1507160-05 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 07/15/15 11:55

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	59	50	mg/kg	1	1507179	07/15/15	07/15/15	8015M	

Date Sampled: 07/15/15 11:55

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.7 %	30-150		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 07/15/15 11:55

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1507178	07/15/15	07/15/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.1	0.50	"	"	"	"	"	"	

Date Sampled: 07/15/15 11:55

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	21-167		"	"	"	"	

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Project: Nelson Milton  
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**Reported:**  
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**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 1507179 - EPA 3550A**

**Blank (1507179-BLK1)**

Prepared & Analyzed: 07/15/15

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: o-Terphenyl	13.6		"	12.2		112	30-150			

**LCS (1507179-BS1)**

Prepared & Analyzed: 07/15/15

C10-C28 (DRO)	493	50	mg/kg	501		98.3	73-134			
Surrogate: o-Terphenyl	13.1		"	12.2		108	30-150			

**Matrix Spike (1507179-MS1)**

Source: 1507160-01

Prepared & Analyzed: 07/15/15

C10-C28 (DRO)	436	50	mg/kg	443	20.8	93.9	50-148			
Surrogate: o-Terphenyl	11.4		"	10.8		106	30-150			

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

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

**Batch 1507178 - EPA 5030 Soil MS**

**Blank (1507178-BLK1)**

Prepared & Analyzed: 07/15/15

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0393		"	0.0396		99.3	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.1	21-167			

**LCS (1507178-BS1)**

Prepared & Analyzed: 07/15/15

Benzene	0.107	0.0020	mg/kg	0.100		107	58-130			
Toluene	0.117	0.0050	"	0.100		117	61-134			
Ethylbenzene	0.141	0.0050	"	0.0992		142	74-139			
m,p-Xylene	0.288	0.010	"	0.200		144	73-137			
o-Xylene	0.142	0.0050	"	0.0984		145	73-141			
Surrogate: 1,2-Dichloroethane-d4	0.0403		"	0.0396		102	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	21-167			

**Matrix Spike (1507178-MS1)**

Source: 1507160-01

Prepared & Analyzed: 07/15/15

Benzene	0.101	0.0020	mg/kg	0.0928	ND	109	30-131			
Toluene	0.112	0.0050	"	0.0928	ND	121	30-134			
Ethylbenzene	0.132	0.0050	"	0.0920	ND	143	22-153			
m,p-Xylene	0.270	0.010	"	0.185	ND	146	10-159			
o-Xylene	0.135	0.0050	"	0.0913	ND	148	31-151			
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0367		105	23-173			
Surrogate: Toluene-d8	0.0363		"	0.0371		97.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0356		"	0.0371		96.1	21-167			

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Project Number: [none]  
Project Manager: Matt Pickett

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07/16/15 07:06

**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 1507178 - EPA 5030 Soil MS**

Matrix Spike Dup (1507178-MSD1)	Source: 1507160-01			Prepared & Analyzed: 07/15/15						
Benzene	0.108	0.0020	mg/kg	0.0988	ND	109	30-131	7.09	34	
Toluene	0.120	0.0050	"	0.0988	ND	122	30-134	7.06	30	
Ethylbenzene	0.139	0.0050	"	0.0980	ND	142	22-153	5.40	24	
m,p-Xylene	0.288	0.010	"	0.197	ND	146	10-159	6.46	68	
o-Xylene	0.141	0.0050	"	0.0972	ND	145	31-151	4.34	38	
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0391		107	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0395		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0395		98.9	21-167			

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07/16/15 07:06

### 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

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