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07 February 2019

Dusty Nystrom
Petrox Resources
PO Box 2600
Meeker, CO 81641
RE: Table 910.1 Soil

Enclosed are the results of analyses for samples received by the laboratory on 01/23/19 13:40. The data to follow was performed, in whole or in part, by a subcontract laboratory with an additional report attached.

If you any any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Debbie Zufelt'.

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



Petrox Resources
PO Box 2600
Meeker CO, 81641

Project: Table 910.1 Soil
Project Name / Number: [none]
Project Manager: Dusty Nystrom

Reported:
02/07/19 12:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Ellison Tank Berm	1901142-01	Solid	01/23/19 13:40	01/23/19 13:40	

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Debbie Zufelt, Reports Manager

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Petrox Resources PO Box 2600 Meeker CO, 81641	Project: Table 910.1 Soil Project Name / Number: [none] Project Manager: Dusty Nystrom	Reported: 02/07/19 12:09
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Ellison Tank Berm

1901142-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

% Dry Solids	88.7			%	1	01/24/19	EPA160.3/1684		JDA
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Saturated Paste Extraction

Calcium	148	3.00	0.385	mg/L	30	01/29/19	EPA200.7		AES
Conductivity	33100			umhos/cm	1	01/29/19	ASA#9 10-3.3		JDA
Magnesium	26.3	3.00	0.563	mg/L	30	01/29/19	EPA200.7		AES
pH	8.50			pH Units	1	01/29/19	ASA#9 12-2.6		JDA
SAR	116			No Unit	1	01/29/19	Calculation		AES
Sodium	5850	30.0	11.0	mg/L	30	01/29/19	EPA200.7		AES

Total Metals by ICP

Barium	744	5.00	0.049	mg/kg dry	100	01/30/19	6010B		AES
Cadmium	<5.00	5.00	0.122	mg/kg dry	100	01/30/19	6010B		AES
Chromium	6.83	5.00	0.075	mg/kg dry	100	01/30/19	6010B		AES
Copper	5.63	5.00	0.117	mg/kg dry	100	01/30/19	6010B		AES
Lead	<10.0	10.0	0.576	mg/kg dry	100	01/30/19	6010B		AES
Nickel	9.32	5.00	0.213	mg/kg dry	100	01/30/19	6010B		AES
Selenium	<20.0	20.0	1.42	mg/kg dry	100	01/30/19	6010B		AES
Silver	<1.00	1.00	0.191	mg/kg dry	100	01/30/19	6010B		AES
Zinc	51.8	5.00	0.165	mg/kg dry	100	01/30/19	6010B		AES

Total Metals by ICPMS

Arsenic	3.37	1.00	0.214	mg/kg dry	1000	02/01/19	6020A		AES
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Total Mercury by CVAA

Mercury	<0.0451	0.0451	0.0188	mg/kg dry	200	01/28/19	EPA7471		LLG
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Hot Water Extractable

Boron	2.86	1.20	0.059	mg/L	4	01/29/19	EPA200.7		AES
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Petrox Resources PO Box 2600 Meeker CO, 81641	Project: Table 910.1 Soil Project Name / Number: [none] Project Manager: Dusty Nystrom	Reported: 02/07/19 12:09
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Ellison Tank Berm

1901142-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.002	mg/kg	50	01/29/19	8021B		ms
Toluene*	<0.050	0.050	0.002	mg/kg	50	01/29/19	8021B		ms
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	01/29/19	8021B		ms
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	01/29/19	8021B		ms
Total BTEX	<0.300	0.300	0.018	mg/kg	50	01/29/19	8021B		ms

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129 01/29/19 8021B ms

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	5.30	mg/kg	1	01/24/19	8015B		MS
DRO >C10-C28*	265	10.0	1.56	mg/kg	1	01/24/19	8015B		MS
EXT DRO >C28-C36	152	10.0	1.56	mg/kg	1	01/24/19	8015B		MS

Surrogate: 1-Chlorooctane 89.0 % 41-142 01/24/19 8015B MS

Surrogate: 1-Chlorooctadecane 94.6 % 37.6-147 01/24/19 8015B MS

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.014	0.040	0.014	mg/kg	40	02/06/19	8270C		MS
2-Methylnaphthalene*	<0.008	0.040	0.008	mg/kg	40	02/06/19	8270C		MS
1-Methylnaphthalene	<0.007	0.040	0.007	mg/kg	40	02/06/19	8270C		MS
Acenaphthylene*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS
Acenaphthene*	<0.007	0.040	0.007	mg/kg	40	02/06/19	8270C		MS
Fluorene*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS
Phenanthrene*	<0.007	0.040	0.007	mg/kg	40	02/06/19	8270C		MS
Anthracene*	<0.008	0.040	0.008	mg/kg	40	02/06/19	8270C		MS
Carbazole*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS
Fluoranthene*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS
Pyrene*	<0.007	0.040	0.007	mg/kg	40	02/06/19	8270C		MS
Benzo[a]anthracene*	<0.008	0.040	0.008	mg/kg	40	02/06/19	8270C		MS
Chrysene*	<0.010	0.040	0.010	mg/kg	40	02/06/19	8270C		MS
Benzo[b]fluoranthene*	<0.009	0.040	0.009	mg/kg	40	02/06/19	8270C		MS
Benzo[k]fluoranthene*	<0.010	0.040	0.010	mg/kg	40	02/06/19	8270C		MS
Benzo[a]pyrene*	<0.007	0.040	0.007	mg/kg	40	02/06/19	8270C		MS
Indeno[1,2,3-cd]pyrene*	<0.010	0.040	0.010	mg/kg	40	02/06/19	8270C		MS
Dibenz[a,h]anthracene*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS

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Petrox Resources	Project: Table 910.1 Soil	Reported: 02/07/19 12:09
PO Box 2600	Project Name / Number: [none]	
Meeker CO, 81641	Project Manager: Dusty Nystrom	

Ellison Tank Berm

1901142-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Benzo[g,h,i]perylene*	<0.006	0.040	0.006	mg/kg	40	02/06/19	8270C		MS
<i>Surrogate: Nitrobenzene-d5</i>			50.2 %	10.8-154		02/06/19	8270C		MS
<i>Surrogate: 2-Fluorobiphenyl</i>			59.3 %	16.9-156		02/06/19	8270C		MS
<i>Surrogate: Terphenyl-d14</i>			72.4 %	27-170		02/06/19	8270C		MS

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Petrox Resources PO Box 2600 Meeker CO, 81641	Project: Table 910.1 Soil Project Name / Number: [none] Project Manager: Dusty Nystrom	Reported: 02/07/19 12:09
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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B901181 - General Prep - Wet Chem										
Duplicate (B901181-DUP1)		Source: 1901123-01		Prepared & Analyzed: 01/24/19						
% Dry Solids	94.6		%		94.5			0.106	20	

Saturated Paste Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B901194 - Paste Extract										
Blank (B901194-BLK1)		Prepared: 01/28/19 Analyzed: 01/29/19								
Calcium	ND	0.100	mg/L							
Magnesium	ND	0.100	mg/L							
Sodium	ND	1.00	mg/L							
Duplicate (B901194-DUP2)		Source: 1901120-04		Prepared: 01/28/19 Analyzed: 01/30/19						
Calcium	88.8	0.500	mg/L		71.9			21.1	20	
Magnesium	20.2	0.500	mg/L		17.0			17.3	20	
SAR	19.7		No Unit		17.6			11.3	20	
Sodium	792	5.00	mg/L		640			21.3	20	

Batch B901196 - Paste Extract

Duplicate (B901196-DUP2)		Source: 1901120-04		Prepared: 01/28/19 Analyzed: 01/29/19						
pH	7.35		pH Units		7.38			0.407	20	

Batch B901198 - Paste Extract

Duplicate (B901198-DUP2)		Source: 1901120-04		Prepared: 01/28/19 Analyzed: 01/29/19						
Conductivity	4180		umhos/cm		3650			13.5	20	

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Petrox Resources	Project: Table 910.1 Soil	
PO Box 2600	Project Name / Number: [none]	Reported:
Meeker CO, 81641	Project Manager: Dusty Nystrom	02/07/19 12:09

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B901212 - EPA 3050

Blank (B901212-BLK1)

Prepared: 01/29/19 Analyzed: 01/30/19

Barium	ND	5.00	mg/kg dry							
Cadmium	ND	5.00	mg/kg dry							
Chromium	ND	5.00	mg/kg dry							
Copper	ND	5.00	mg/kg dry							
Lead	ND	10.0	mg/kg dry							
Nickel	ND	5.00	mg/kg dry							
Selenium	ND	20.0	mg/kg dry							
Silver	ND	1.00	mg/kg dry							
Zinc	ND	5.00	mg/kg dry							

LCS (B901212-BS1)

Prepared: 01/29/19 Analyzed: 01/30/19

Barium	188	5.00	mg/kg dry	200		93.8	80-120			
Cadmium	176	5.00	mg/kg dry	200		88.0	80-120			
Chromium	191	5.00	mg/kg dry	200		95.5	80-120			
Copper	389	5.00	mg/kg dry	400		97.3	80-120			
Lead	182	10.0	mg/kg dry	200		91.2	80-120			
Nickel	180	5.00	mg/kg dry	200		90.1	80-120			
Selenium	643	20.0	mg/kg dry	800		80.4	80-120			
Silver	8.82	1.00	mg/kg dry	10.0		88.2	80-120			
Zinc	173	5.00	mg/kg dry	200		86.6	80-120			

LCS Dup (B901212-BSD1)

Prepared: 01/29/19 Analyzed: 01/30/19

Barium	188	5.00	mg/kg dry	200		93.8	80-120	0.00107	20	
Cadmium	176	5.00	mg/kg dry	200		87.8	80-120	0.160	20	
Chromium	191	5.00	mg/kg dry	200		95.5	80-120	0.0297	20	
Copper	392	5.00	mg/kg dry	400		97.9	80-120	0.621	20	
Lead	183	10.0	mg/kg dry	200		91.4	80-120	0.218	20	
Nickel	180	5.00	mg/kg dry	200		89.9	80-120	0.240	20	
Selenium	644	20.0	mg/kg dry	800		80.5	80-120	0.0962	20	
Silver	8.85	1.00	mg/kg dry	10.0		88.5	80-120	0.323	20	
Zinc	173	5.00	mg/kg dry	200		86.7	80-120	0.0657	20	

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Total Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B901213 - EPA 3050M

Blank (B901213-BLK1)		Prepared: 01/29/19 Analyzed: 02/01/19								
Arsenic	ND	0.100	mg/kg dry							
LCS (B901213-BS1)		Prepared: 01/29/19 Analyzed: 02/01/19								
Arsenic	4.90	0.100	mg/kg dry	5.00		97.9	80-120			
LCS Dup (B901213-BSD1)		Prepared: 01/29/19 Analyzed: 02/01/19								
Arsenic	5.37	0.100	mg/kg dry	5.00		107	80-120	9.22	20	

Total Mercury by CVAA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B901205 - EPA 7471

Blank (B901205-BLK1)		Prepared & Analyzed: 01/28/19								
Mercury	ND	0.0002	mg/kg wet							
LCS (B901205-BS1)		Prepared & Analyzed: 01/28/19								
Mercury	0.0044	0.0002	mg/kg wet	0.00500		88.4	85-115			
LCS Dup (B901205-BSD1)		Prepared & Analyzed: 01/28/19								
Mercury	0.0047	0.0002	mg/kg wet	0.00500		93.7	85-115	5.89	20	

Hot Water Extractable - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B901199 - Hot Water Soluble Metals Extract

Blank (B901199-BLK1)		Prepared: 01/28/19 Analyzed: 01/29/19								
Boron	ND	1.20	mg/L							
Duplicate (B901199-DUP1)		Source: 1901097-02 Prepared: 01/28/19 Analyzed: 01/29/19								
Boron	0.465	1.20	mg/L		0.514			10.1	200	

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PO Box 2600	Project Name / Number: [none]	
Meeker CO, 81641	Project Manager: Dusty Nystrom	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9012813 - Volatiles

Blank (9012813-BLK1)

Prepared & Analyzed: 01/28/19

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	0.0987		mg/kg	0.100		98.7	73.3-129			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

LCS (9012813-BS1)

Prepared & Analyzed: 01/28/19

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	0.0991		mg/kg	0.100		99.1	73.3-129			
Benzene	1.92	0.050	mg/kg	2.00		96.2	72.2-131			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	68.9-126			
Toluene	1.98	0.050	mg/kg	2.00		98.8	71.7-126			
Total Xylenes	6.11	0.150	mg/kg	6.00		102	71.4-125			

LCS Dup (9012813-BSD1)

Prepared & Analyzed: 01/28/19

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	0.0987		mg/kg	0.100		98.7	73.3-129			
Benzene	1.96	0.050	mg/kg	2.00		97.9	72.2-131	1.75	6.91	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.6	68.9-126	0.497	7.88	
Toluene	2.00	0.050	mg/kg	2.00		99.8	71.7-126	1.01	7.12	
Total Xylenes	6.08	0.150	mg/kg	6.00		101	71.4-125	0.426	7.46	

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Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9012406 - General Prep - Organics

Blank (9012406-BLK1)

Prepared & Analyzed: 01/24/19

Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.6	37.6-147			
Surrogate: 1-Chlorooctane	46.6		mg/kg	50.0		93.1	41-142			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							

LCS (9012406-BS1)

Prepared & Analyzed: 01/24/19

Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.7	37.6-147			
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	41-142			
DRO >C10-C28	195	10.0	mg/kg	200		97.6	72.9-138			
GRO C6-C10	209	10.0	mg/kg	200		105	76.5-133			
Total TPH C6-C28	404	10.0	mg/kg	400		101	78-132			

LCS Dup (9012406-BSD1)

Prepared & Analyzed: 01/24/19

Surrogate: 1-Chlorooctadecane	46.4		mg/kg	50.0		92.9	37.6-147			
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.6	41-142			
DRO >C10-C28	210	10.0	mg/kg	200		105	72.9-138	7.37	20.6	
GRO C6-C10	220	10.0	mg/kg	200		110	76.5-133	4.91	20.6	
Total TPH C6-C28	430	10.0	mg/kg	400		107	78-132	6.10	18	

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Petrox Resources
PO Box 2600
Meeker CO, 81641

Project: Table 910.1 Soil
Project Name / Number: [none]
Project Manager: Dusty Nystrom

Reported:
02/07/19 12:09

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 9012812 - SW846-3510

Blank (9012812-BLK1)

Prepared: 01/28/19 Analyzed: 02/06/19

1-Methylnaphthalene	ND	0.040	mg/kg							
<i>Surrogate: 2-Fluorobiphenyl</i>	1.55		mg/kg	2.00		77.7	16.9-156			
2-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Acenaphthylene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Benzo[b]fluoranthene	ND	0.040	mg/kg							
Benzo[g,h,i]perylene	ND	0.040	mg/kg							
Benzo[k]fluoranthene	ND	0.040	mg/kg							
Carbazole	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Naphthalene	ND	0.040	mg/kg							
<i>Surrogate: Nitrobenzene-d5</i>	1.47		mg/kg	2.00		73.5	10.8-154			
Phenanthrene	ND	0.040	mg/kg							
Pyrene	ND	0.040	mg/kg							
<i>Surrogate: Terphenyl-d14</i>	1.71		mg/kg	2.00		85.6	27-170			

LCS (9012812-BS1)

Prepared: 01/28/19 Analyzed: 02/06/19

1-Methylnaphthalene	0.236	0.040	mg/kg	0.400		59.0	60-140			BS2
<i>Surrogate: 2-Fluorobiphenyl</i>	1.21		mg/kg	2.00		60.5	16.9-156			
2-Methylnaphthalene	0.240	0.040	mg/kg	0.400		60.1	36.1-121			
Acenaphthene	0.244	0.040	mg/kg	0.400		60.9	33.9-127			
Acenaphthylene	0.236	0.040	mg/kg	0.400		58.9	34-126			
Anthracene	0.236	0.040	mg/kg	0.400		59.1	39.4-124			
Benzo[a]anthracene	0.257	0.040	mg/kg	0.400		64.3	40.6-124			
Benzo[a]pyrene	0.268	0.040	mg/kg	0.400		67.1	38.3-127			
Benzo[b]fluoranthene	0.156	0.040	mg/kg	0.400		39.1	34.4-130			
Benzo[g,h,i]perylene	0.248	0.040	mg/kg	0.400		61.9	29.9-134			
Benzo[k]fluoranthene	0.263	0.040	mg/kg	0.400		65.8	35.5-135			
Carbazole	0.233	0.040	mg/kg	0.400		58.3	31.9-133			
Chrysene	0.255	0.040	mg/kg	0.400		63.8	41.3-126			
Dibenz[a,h]anthracene	0.270	0.040	mg/kg	0.400		67.4	35-132			
Fluoranthene	0.251	0.040	mg/kg	0.400		62.7	37.2-123			

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Debbie Zufelt, Reports Manager

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Petrox Resources
PO Box 2600
Meeker CO, 81641

Project: Table 910.1 Soil
Project Name / Number: [none]
Project Manager: Dusty Nystrom

Reported:
02/07/19 12:09

**Polynuclear Aromatic Compounds by GC/MS - Quality Control
(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
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Batch 9012812 - SW846-3510 (Continued)

LCS (9012812-BS1) (Continued)

Prepared: 01/28/19 Analyzed: 02/06/19

Fluorene	0.236	0.040	mg/kg	0.400		59.1 35.4-127			
Indeno[1,2,3-cd]pyrene	0.270	0.040	mg/kg	0.400		67.5 33.7-132			
Naphthalene	0.249	0.040	mg/kg	0.400		62.3 28.3-127			
<i>Surrogate: Nitrobenzene-d5</i>	<i>1.12</i>		mg/kg	<i>2.00</i>		<i>56.0 10.8-154</i>			
Phenanthrene	0.250	0.040	mg/kg	0.400		62.5 40.2-125			
Pyrene	0.249	0.040	mg/kg	0.400		62.4 34.3-133			
<i>Surrogate: Terphenyl-d14</i>	<i>1.28</i>		mg/kg	<i>2.00</i>		<i>63.9 27-170</i>			

LCS Dup (9012812-BS1)

Prepared: 01/28/19 Analyzed: 02/06/19

1-Methylnaphthalene	0.239	0.040	mg/kg	0.400		59.8 60-140	1.43	30	BS2
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1.17</i>		mg/kg	<i>2.00</i>		<i>58.4 16.9-156</i>			
2-Methylnaphthalene	0.242	0.040	mg/kg	0.400		60.4 36.1-121	0.519	15.9	
Acenaphthene	0.234	0.040	mg/kg	0.400		58.6 33.9-127	3.90	13.1	
Acenaphthylene	0.232	0.040	mg/kg	0.400		57.9 34-126	1.75	14.2	
Anthracene	0.236	0.040	mg/kg	0.400		59.0 39.4-124	0.220	16.3	
Benzo[a]anthracene	0.257	0.040	mg/kg	0.400		64.2 40.6-124	0.136	9.66	
Benzo[a]pyrene	0.275	0.040	mg/kg	0.400		68.6 38.3-127	2.33	11.8	
Benzo[b]fluoranthene	0.275	0.040	mg/kg	0.400		68.8 34.4-130	55.1	25.2	QR-02
Benzo[g,h,i]perylene	0.241	0.040	mg/kg	0.400		60.3 29.9-134	2.53	19	
Benzo[k]fluoranthene	0.280	0.040	mg/kg	0.400		69.9 35.5-135	6.08	27.3	
Carbazole	0.242	0.040	mg/kg	0.400		60.6 31.9-133	3.95	20.8	
Chrysene	0.254	0.040	mg/kg	0.400		63.5 41.3-126	0.440	10.6	
Dibenz[a,h]anthracene	0.271	0.040	mg/kg	0.400		67.7 35-132	0.404	15	
Fluoranthene	0.246	0.040	mg/kg	0.400		61.6 37.2-123	1.75	18.3	
Fluorene	0.242	0.040	mg/kg	0.400		60.5 35.4-127	2.42	14.5	
Indeno[1,2,3-cd]pyrene	0.270	0.040	mg/kg	0.400		67.4 33.7-132	0.208	14.9	
Naphthalene	0.245	0.040	mg/kg	0.400		61.3 28.3-127	1.59	11.3	
<i>Surrogate: Nitrobenzene-d5</i>	<i>1.10</i>		mg/kg	<i>2.00</i>		<i>54.9 10.8-154</i>			
Phenanthrene	0.242	0.040	mg/kg	0.400		60.5 40.2-125	3.23	13.7	
Pyrene	0.256	0.040	mg/kg	0.400		64.1 34.3-133	2.80	22.4	
<i>Surrogate: Terphenyl-d14</i>	<i>1.31</i>		mg/kg	<i>2.00</i>		<i>65.4 27-170</i>			

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Debbie Zufelt, Reports Manager

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Petrox Resources	Project: Table 910.1 Soil	
PO Box 2600	Project Name / Number: [none]	Reported:
Meeker CO, 81641	Project Manager: Dusty Nystrom	02/07/19 12:09

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- BS2 Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
- 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
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

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