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29 August 2015

Kerry Smith
Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas, TX 75243
RE: Table 910

Enclosed are the results of analyses for samples received by the laboratory on 08/13/15 14:35.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Debbie Zufelt'. The script is cursive and fluid, with the first name 'Debbie' and last name 'Zufelt' clearly legible.

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



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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S2#1 Source	1508193-01	Solid	08/13/15 07:33	08/13/15 14:35
S2#2 Upper	1508193-02	Solid	08/13/15 07:41	08/13/15 14:35
S2#3 Base butte	1508193-03	Solid	08/13/15 08:16	08/13/15 14:35
S2#4 +300	1508193-04	Solid	08/13/15 08:36	08/13/15 14:35
S2#5 +600	1508193-05	Solid	08/13/15 08:43	08/13/15 14:35
S2#6 +900	1508193-06	Solid	08/13/15 08:51	08/13/15 14:35
S2#7 +1200	1508193-07	Solid	08/13/15 08:58	08/13/15 14:35
S2#8 Wattle	1508193-08	Solid	08/13/15 09:01	08/13/15 14:35

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Debbie Zufelt, Reports Manager

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Monument Global Resources
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Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#1 Source**1508193-01 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.54			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	1.51	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/18/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/18/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/18/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/18/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/18/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	99.8 %	85.6-137				08/18/15	8021B		MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	81.5 %	47.2-157				08/17/15	8015B		MS
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Surrogate: 1-Chlorooctadecane	82.4 %	52.1-176				08/17/15	8015B		MS
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Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#2 Upper

1508193-02 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	7.92			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	1.59	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	101 %	85.6-137			08/19/15	8021B		MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<50.0	50.0	6.52	mg/kg	5	08/17/15	8015B		MS
DRO >C10-C28	1940	50.0	14.6	mg/kg	5	08/17/15	8015B		MS
EXT DRO >C28-C35	388	50.0	14.6	mg/kg	5	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	84.9 %	47.2-157			08/17/15	8015B		MS
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Surrogate: 1-Chlorooctadecane	132 %	52.1-176			08/17/15	8015B		MS
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Debbie Zufelt, Reports Manager

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Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#3 Base butte

1508193-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.81			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	2.79	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	85.6-137			08/19/15	8021B			MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	78.7	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	25.5	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	85.9 %	47.2-157			08/17/15	8015B			MS
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Surrogate: 1-Chlorooctadecane	91.5 %	52.1-176			08/17/15	8015B			MS
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Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#4 +300

1508193-04 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.63			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	2.22	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	0.068	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	0.435	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	0.503	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	92.3 %	85.6-137			08/19/15	8021B			MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	52.1	50.0	6.52	mg/kg	5	08/17/15	8015B		MS
DRO >C10-C28	2630	50.0	14.6	mg/kg	5	08/17/15	8015B		MS
EXT DRO >C28-C35	416	50.0	14.6	mg/kg	5	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	92.7 %	47.2-157			08/17/15	8015B			MS
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Surrogate: 1-Chlorooctadecane	112 %	52.1-176			08/17/15	8015B			MS
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Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#5 +600

1508193-05 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.58			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	2.42	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	101 %	85.6-137			08/19/15	8021B			MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	616	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	152	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	93.7 %	47.2-157			08/17/15	8015B			MS
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Surrogate: 1-Chlorooctadecane	93.8 %	52.1-176			08/17/15	8015B			MS
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Debbie Zufelt

Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#6 +900**1508193-06 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.49			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	1.24	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	102 %	85.6-137			08/19/15	8021B		MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	83.1 %	47.2-157			08/17/15	8015B		MS
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Surrogate: 1-Chlorooctadecane	85.9 %	52.1-176			08/17/15	8015B		MS
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Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#7 +1200

1508193-07 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	9.11			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	0.799	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	101 %	85.6-137			08/19/15	8021B			MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	83.9 %	47.2-157			08/17/15	8015B			MS
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Surrogate: 1-Chlorooctadecane	88.6 %	52.1-176			08/17/15	8015B			MS
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Debbie Zufelt

Debbie Zufelt, Reports Manager

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Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

S2#8 Wattle**1508193-08 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

pH	8.67			pH Units	1	08/19/15	ASA#9 12-2.6		LLG
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Total Metals by ICPMS

Arsenic	1.28	0.500	0.260	mg/kg dry	1000	08/27/15	6020 A		JGS
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Subcontracted -- **Cardinal Laboratories**

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	0.010	mg/kg	50	08/19/15	8021B		MS
Toluene*	<0.050	0.050	0.015	mg/kg	50	08/19/15	8021B		MS
Ethylbenzene*	<0.050	0.050	0.008	mg/kg	50	08/19/15	8021B		MS
Total Xylenes*	<0.150	0.150	0.018	mg/kg	50	08/19/15	8021B		MS
Total BTEX	<0.300	0.300		mg/kg	50	08/19/15	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	102 %	85.6-137			08/19/15	8021B			MS
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Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0	10.0	1.30	mg/kg	1	08/17/15	8015B		MS
DRO >C10-C28	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS
EXT DRO >C28-C35	<10.0	10.0	2.91	mg/kg	1	08/17/15	8015B		MS

Surrogate: 1-Chlorooctane	83.1 %	47.2-157			08/17/15	8015B			MS
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Surrogate: 1-Chlorooctadecane	85.1 %	52.1-176			08/17/15	8015B			MS
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

Saturated Paste Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B508207 - General Prep - Wet Chem

Duplicate (B508207-DUP1)

Source: 1508052-04

Prepared & Analyzed: 08/19/15

pH	7.78		pH Units		7.75			0.386	20	
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Monument Global Resources
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Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

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 B508288 - EPA 3050M

Blank (B508288-BLK1)

Prepared & Analyzed: 08/27/15

Arsenic ND 0.0005 mg/kg dry

LCS (B508288-BS1)

Prepared & Analyzed: 08/27/15

Arsenic 0.0559 0.0005 mg/kg dry 0.0500 112 85-115

LCS Dup (B508288-BSD1)

Prepared & Analyzed: 08/27/15

Arsenic 0.0535 0.0005 mg/kg dry 0.0500 107 85-115 4.38 20

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

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 5081407 - Volatiles

Blank (5081407-BLK1)

Prepared: 08/14/15 Analyzed: 08/18/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	85.6-137		
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 (5081407-BS1)

Prepared: 08/14/15 Analyzed: 08/18/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0464		mg/kg	0.0500		92.7	85.6-137		
Benzene	2.26	0.050	mg/kg	2.00		113	73-130		
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	71.9-119		
Toluene	2.13	0.050	mg/kg	2.00		107	77-117		
Total Xylenes	6.40	0.150	mg/kg	6.00		107	76.2-112		

LCS Dup (5081407-BSD1)

Prepared: 08/14/15 Analyzed: 08/18/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.2	85.6-137		
Benzene	2.29	0.050	mg/kg	2.00		115	73-130	1.34	6.59
Ethylbenzene	2.37	0.050	mg/kg	2.00		119	71.9-119	3.96	8.3
Toluene	2.18	0.050	mg/kg	2.00		109	77-117	2.43	6.92
Total Xylenes	6.53	0.150	mg/kg	6.00		109	76.2-112	2.03	8.93

Batch 5081808 - Volatiles

Blank (5081808-BLK1)

Prepared: 08/18/15 Analyzed: 08/19/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0528		mg/kg	0.0500		106	85.6-137		
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						

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Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

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 5081808 - Volatiles

LCS (5081808-BS1)

Prepared & Analyzed: 08/18/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.9	85.6-137			
Benzene	2.19	0.050	mg/kg	2.00		109	73-130			
Ethylbenzene	2.27	0.050	mg/kg	2.00		114	71.9-119			
Toluene	2.10	0.050	mg/kg	2.00		105	77-117			
Total Xylenes	6.32	0.150	mg/kg	6.00		105	76.2-112			

LCS Dup (5081808-BS1)

Prepared & Analyzed: 08/18/15

Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.7	85.6-137			
Benzene	2.20	0.050	mg/kg	2.00		110	73-130	0.860	6.59	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	71.9-119	0.379	8.3	
Toluene	2.11	0.050	mg/kg	2.00		105	77-117	0.496	6.92	
Total Xylenes	6.33	0.150	mg/kg	6.00		106	76.2-112	0.188	8.93	

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

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 5081406 - General Prep - Organics

Blank (5081406-BLK1)

Prepared: 08/14/15 Analyzed: 08/17/15

Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		91.0	52.1-176			
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.0	47.2-157			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							

LCS (5081406-BS1)

Prepared: 08/14/15 Analyzed: 08/17/15

Surrogate: 1-Chlorooctadecane	46.7		mg/kg	50.0		93.3	52.1-176			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	47.2-157			
DRO >C10-C28	199	10.0	mg/kg	200		99.3	81.3-118			
GRO C6-C10	186	10.0	mg/kg	200		93.0	72.5-115			
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	80-113			

LCS Dup (5081406-BS1)

Prepared: 08/14/15 Analyzed: 08/17/15

Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.1	52.1-176			
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.0	47.2-157			
DRO >C10-C28	194	10.0	mg/kg	200		97.2	81.3-118	2.15	15.3	
GRO C6-C10	180	10.0	mg/kg	200		90.0	72.5-115	3.31	10.1	
Total TPH C6-C28	374	10.0	mg/kg	400		93.6	80-113	2.71	12.1	

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Debbie Zufelt

Debbie Zufelt, Reports Manager

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Monument Global Resources
12160 N. Abrams Rd. Suite 160
Dallas TX, 75243

Project: Table 910
Project Name / Number: Cache Unit Spill #2
Project Manager: Kerry Smith

Reported:
08/29/15 15:33

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
*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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Debbie Zufelt, Reports Manager

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75 Suttle St Durango, CO 81303

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name (optional): Mountain State Resources		P.O. #:		ANALYSIS REQUEST	
Project Contact Person: Kerry Smith / David Bowen		Company:			
Address: 12160 N Abrams Rd Ste 610		Attn:			
City: Ducas State: TX Zip: 75243		Address:			
Phone #: KS 575 937 8001 DK 303 720 5324		City:			
Email: KSmith@MountainState.com		State:			
Project Name (optional): CACHE UNIT		Zip:			
Project Number (optional): S111 #12		Phone #:			
Sampler Name (Print): David Bowen		bowl.dz@gmail.com			
For Lab Use		Sample Name or Location			
		Date		Time	
1508-143-01		S2 #1 Source		8.13.15 7:33	
		S2 #2 water		8.13.15 7:41	
		S2 #3 base buffer		8.13.15 8:16	
		S2 #4 +300		8.13.15 8:36	
		S2 #5 +600		8.13.15 8:43	
		S2 #6 +900		8.13.15 8:51	
		S2 #7 +1200		8.13.15 8:58	
		S2 #8 +1500 water		8.13.15 9:01	
		1508-143-01		8.13.15	
		GROUNDWATER			
		SURFACEWATER			
		WASTEWATER			
		PRODUCEDWATER			
		SOIL			
		OTHER :			
		No preservation (general)			
		HNO ₃			
		HCl			
		H ₂ SO ₄			
		Other:			
		Other:			
		Other:			
		# of containers			
		Matrix (check one)			
		Collected			
		Bill to (if different):			
		Relinquished By: David Bowen			
		Date: 8-13-15			
		Time: 2:35 pm			
		Received By: Delia J. J. J.			
		Date:			
		Time:			
		Received By:			
		Date:			
		Time:			
		Delivered By: (Circle One)			
		Sampler - UPS - FedEx - Kangaroo - Other:			
		Temperature at receipt: 17.20°C			
		CHECKED BY: DJ			
		ADDITIONAL REMARKS: Ar, Pb, Tm (Duo, GfO, Ored) + Bix			
		Report to State? (Circle)			
		Yes			
		No			

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.