



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

Spill #200343187

30 March 2012

Chris Millican
Kinder Morgan
17801 Hwy 491
Cortez, CO 81321
RE: Table 910.1 & API

Enclosed are the results of analyses for samples received by the laboratory on 03/09/12 12:30. 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,

Debbie Zufelt
Reports Manager



Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: Table 910.1 & API
Project Name / Number: [none]
Project Manager: Chris Millican

Reported:
03/30/12 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Spill Area Soil CR-X	1203056-01	Solid	03/09/12 12:30	03/09/12 12:30
Native Soil CR-X	1203056-02	Solid	03/09/12 12:30	03/09/12 12:30
Goodman Pt. Water	1203056-03	Water	03/09/12 12:30	03/09/12 12:30

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Spill Area Soil CR-X

1203056-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry								
Conductivity	11400		umhos/cm	1	03/23/12	ASA#9 & SSSA#5		ACH
% Dry Solids	85.1		%	1	03/22/12	D2216/160.3		JGS
pH	7.86		pH Units	1	03/23/12	ASA#9 & SSSA#5		ACH
SAR	15.2		[blank]	1	03/26/12	Calculation		JGS
Total Metals by ICP								
Barium	141	1.00	mg/kg dry	100	03/16/12	6010B		JGS
Cadmium	ND	5.00	mg/kg dry	100	03/16/12	6010B		JGS
Chromium	9.90	5.00	mg/kg dry	100	03/16/12	6010B		JGS
Copper	8.54	3.00	mg/kg dry	100	03/16/12	6010B		JGS
Lead	ND	10.0	mg/kg dry	100	03/16/12	6010B		JGS
Nickel	11.0	5.00	mg/kg dry	100	03/16/12	6010B		JGS
Selenium	ND	20.0	mg/kg dry	100	03/16/12	6010B		JGS
Silver	ND	5.00	mg/kg dry	100	03/16/12	6010B		JGS
Zinc	29.1	5.00	mg/kg dry	100	03/16/12	6010B		JGS
Total Metals by ICPMS								
Arsenic	2.25	0.0500	mg/kg dry	100	03/29/12	6020A		JGS
Total Mercury by CVAA								
Mercury	ND	0.0980	mg/kg dry dry	490	03/22/12	7471		JGS
Soluble Metals by ICP								
Calcium	687	1.00	mg/kg dry	1	03/26/12	200.7		JGS
Magnesium	59.0	1.00	mg/kg dry	1	03/26/12	200.7		JGS
Sodium	1550	1.00	mg/kg dry	1	03/26/12	200.7		JGS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	------------------------------------

Spill Area Soil CR-X

1203056-01 (Solid)

Analyte	Result	Reporting			Analyzed	Method	Notes	Analyst
		Limit	Units	Dilution				

Hot Water Extractable

Boron	3.29	1.50	mg/kg dry	5	03/23/12	200.7		JGS
--------------	-------------	------	-----------	---	----------	-------	--	-----

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: Table 910.1 & API
Project Name / Number: [none]
Project Manager: Chris Millican

Reported:
03/30/12 16:13

Native Soil CR-X

1203056-02 (Solid)

Analyte	Result	Reporting			Analyzed	Method	Notes	Analyst
		Limit	Units	Dilution				

General Chemistry

Conductivity	340		umhos/cm	1	03/23/12	ASA#9 & SSSA#5	ACH
% Dry Solids	84.9		%	1	03/22/12	D2216/160.3	JGS
pH	7.96		pH Units	1	03/23/12	ASA#9 & SSSA#5	ACH
SAR	0.10		[blank]	1	03/26/12	Calculation	JGS

Total Metals by ICP

Barium	131	1.00	mg/kg dry	100	03/16/12	6010B	JGS
Cadmium	ND	5.00	mg/kg dry	100	03/16/12	6010B	JGS
Chromium	8.42	5.00	mg/kg dry	100	03/16/12	6010B	JGS
Copper	7.57	3.00	mg/kg dry	100	03/16/12	6010B	JGS
Lead	ND	10.0	mg/kg dry	100	03/16/12	6010B	JGS
Nickel	10.6	5.00	mg/kg dry	100	03/16/12	6010B	JGS
Selenium	ND	20.0	mg/kg dry	100	03/16/12	6010B	JGS
Silver	ND	5.00	mg/kg dry	100	03/16/12	6010B	JGS
Zinc	25.2	5.00	mg/kg dry	100	03/16/12	6010B	JGS

Total Metals by ICPMS

Arsenic	1.82	0.0500	mg/kg dry	100	03/29/12	6020A	JGS
---------	------	--------	-----------	-----	----------	-------	-----

Total Mercury by CVAA

Mercury	ND	0.0960	mg/kg dry dry	480	03/22/12	7471	JGS
---------	----	--------	------------------	-----	----------	------	-----

Soluble Metals by ICP

Calcium	62.2	1.00	mg/kg dry	1	03/26/12	200.7	JGS
Magnesium	5.64	1.00	mg/kg dry	1	03/26/12	200.7	JGS
Sodium	3.14	1.00	mg/kg dry	1	03/26/12	200.7	JGS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: Table 910.1 & API
Project Name / Number: [none]
Project Manager: Chris Millican

Reported:
03/30/12 16:13

Native Soil CR-X

1203056-02 (Solid)

Analyte	Result	Reporting			Analyzed	Method	Notes	Analyst
		Limit	Units	Dilution				

Hot Water Extractable

Boron	ND	1.50	mg/kg dry	5	03/23/12	200.7		JGS
-------	----	------	-----------	---	----------	-------	--	-----

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Goodman Pt. Water

1203056-03 (Water)

Analyte	Result	Reporting			Analyzed	Method	Notes	Analyst
		Limit	Units	Dilution				

*** DEFAULT GENERAL METHOD ***

Resistivity	26.0		ohm/cm	1	03/26/12	2510B		DJZ
-------------	------	--	--------	---	----------	-------	--	-----

General Chemistry

Alkalinity, Bicarbonate	3640	10.0	mg/L	20	03/16/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	20	03/16/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	20	03/16/12	2320 B		ABP
Alkalinity, Total	3640	10.0	mg/L	20	03/16/12	2320 B		ABP
Chloride	11200	10.0	mg/L	100	03/20/12	4500Cl B		ABP
Conductivity	38000	10.0	uS/cm	1	03/09/12	2510 B		MJV
pH	6.52		pH Units	1	03/09/12	150.1		MJV
TDS	27400	10.0	mg/L	1	03/15/12	160.1/2540C		ABP
Specific Gravity	1.021		N/A	1	03/13/12	Hydrometer		ABP
Sulfate	3550	500	mg/L	50	03/19/12	4500SO4		ABP

Total Metals by ICP

Iron	1.76	0.250	mg/L	5	03/19/12	6010B		JGS
------	------	-------	------	---	----------	-------	--	-----

Dissolved Metals by ICP

Hardness	1970	66.2	mg/L	10	03/16/12	[CALC]		JGS
Calcium	641	10.0	mg/L	10	03/16/12	200.7		JGS
Iron	1.89	0.500	mg/L	10	03/16/12	200.7		JGS
Magnesium	90.7	10.0	mg/L	10	03/16/12	200.7		JGS
Potassium	1520	10.0	mg/L	10	03/16/12	200.7		JGS
Sodium	8330	10.0	mg/L	10	03/16/12	200.7		JGS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

General Chemistry - Quality Control

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

Batch B203055 - General Prep - Wet Chem

Blank (B203055-BLK1)		Prepared & Analyzed: 03/09/12								
Conductivity	ND	10.0	uS/cm							
Duplicate (B203055-DUP1)		Source: 1203049-01		Prepared & Analyzed: 03/09/12						
Conductivity	703	10.0	uS/cm		667			5.26	20	
Reference (B203055-SRM1)		Prepared & Analyzed: 03/09/12								
Conductivity	1360		uS/cm	1410		96.6	92-106			

Batch B203060 - General Prep - Wet Chem

Duplicate (B203060-DUP7)		Source: 1203056-03		Prepared & Analyzed: 03/09/12						
pH	6.53		pH Units		6.52			0.153	20	
Reference (B203060-SRM1)		Prepared & Analyzed: 03/09/12								
pH	8.26		pH Units	8.30		99.5	90-110			

Batch B203094 - General Prep - Wet Chem

Blank (B203094-BLK1)		Prepared & Analyzed: 03/16/12								
Alkalinity, Total	ND	10.0	mg/L							
LCS (B203094-BS1)		Prepared & Analyzed: 03/16/12								
Alkalinity, Total	99.0	10.0	mg/L	100		99.0	85-115			
LCS Dup (B203094-BSD1)		Prepared & Analyzed: 03/16/12								
Alkalinity, Total	98.0	10.0	mg/L	100		98.0	85-115	1.02	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

General Chemistry - Quality Control

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

Batch B203107 - General Prep - Wet Chem

Blank (B203107-BLK1)				Prepared & Analyzed: 03/15/12						
TDS	ND	10.0	mg/L							
Duplicate (B203107-DUP2)				Source: 1203066-01 Prepared & Analyzed: 03/15/12						
TDS	2020	10.0	mg/L		2040			1.23	20	
Reference (B203107-SRM1)				Prepared & Analyzed: 03/15/12						
TDS	4430	10.0	mg/L	4380		101	86.1-114			

Batch B203109 - General Prep - Wet Chem

Blank (B203109-BLK1)				Prepared & Analyzed: 03/19/12						
Sulfate	ND	10.0	mg/L							
LCS (B203109-BS1)				Prepared & Analyzed: 03/19/12						
Sulfate	54.0	10.0	mg/L	50.0		108	85-115			
LCS Dup (B203109-BSD1)				Prepared & Analyzed: 03/19/12						
Sulfate	55.0	10.0	mg/L	50.0		110	85-115	1.83	20	

Batch B203129 - General Prep - Wet Chem

Blank (B203129-BLK1)				Prepared & Analyzed: 03/20/12						
Chloride	ND	10.0	mg/L							
LCS (B203129-BS1)				Prepared & Analyzed: 03/20/12						
Chloride	101	10.0	mg/L	100		101	85-115			

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

General Chemistry - Quality Control

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

Batch B203129 - General Prep - Wet Chem

LCS Dup (B203129-BSD1)				Prepared & Analyzed: 03/20/12						
Chloride	99.0	10.0	mg/L	100		99.0	85-115	2.00	20	

Batch B203147 - General Prep - Wet Chem

Duplicate (B203147-DUP1)		Source: 1203056-01		Prepared & Analyzed: 03/23/12						
pH	7.88		pH Units		7.86			0.254	20	

Batch B203149 - General Prep - Wet Chem

Duplicate (B203149-DUP1)		Source: 1203056-01		Prepared & Analyzed: 03/23/12						
Conductivity	10400		umhos/cm		11400			8.44	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Total Metals by ICP - Quality Control

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

Batch B203078 - EPA 3050

Blank (B203078-BLK1)

Prepared: 03/15/12 Analyzed: 03/16/12

Barium	ND	0.010	mg/kg dry							
Cadmium	ND	0.050	mg/kg dry							
Chromium	ND	0.050	mg/kg dry							
Copper	0.023	0.020	mg/kg dry							B3
Lead	ND	0.100	mg/kg dry							
Nickel	ND	0.050	mg/kg dry							
Selenium	ND	0.200	mg/kg dry							
Silver	ND	0.050	mg/kg dry							
Zinc	ND	0.050	mg/kg dry							

LCS (B203078-BS1)

Prepared: 03/15/12 Analyzed: 03/16/12

Barium	1.98	0.010	mg/kg dry	2.00		99.0	85-115			
Cadmium	2.05	0.050	mg/kg dry	2.00		102	85-115			
Chromium	2.05	0.050	mg/kg dry	2.00		103	85-115			
Copper	4.15	0.020	mg/kg dry	4.00		104	85-115			
Lead	2.05	0.100	mg/kg dry	2.00		103	85-115			
Nickel	1.94	0.050	mg/kg dry	2.00		97.1	85-115			
Selenium	7.96	0.200	mg/kg dry	8.00		99.5	85-115			
Silver	0.097	0.050	mg/kg dry	0.100		97.3	85-115			
Zinc	1.99	0.050	mg/kg dry	2.00		99.5	85-115			

LCS Dup (B203078-BSD1)

Prepared: 03/15/12 Analyzed: 03/16/12

Barium	1.98	0.010	mg/kg dry	2.00		98.9	85-115	0.103	20	
Cadmium	2.04	0.050	mg/kg dry	2.00		102	85-115	0.548	20	
Chromium	2.06	0.050	mg/kg dry	2.00		103	85-115	0.261	20	
Copper	4.13	0.020	mg/kg dry	4.00		103	85-115	0.496	20	
Lead	2.06	0.100	mg/kg dry	2.00		103	85-115	0.656	20	
Nickel	1.95	0.050	mg/kg dry	2.00		97.3	85-115	0.234	20	
Selenium	7.93	0.200	mg/kg dry	8.00		99.1	85-115	0.412	20	
Silver	0.098	0.050	mg/kg dry	0.100		98.0	85-115	0.763	20	
Zinc	1.92	0.050	mg/kg dry	2.00		96.0	85-115	3.50	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Total Metals by ICP - Quality Control

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

Batch B203101 - EPA 3010

Blank (B203101-BLK1)

Prepared & Analyzed: 03/19/12

Iron	ND	0.050	mg/L							
------	----	-------	------	--	--	--	--	--	--	--

LCS (B203101-BS1)

Prepared & Analyzed: 03/19/12

Iron	3.91	0.050	mg/L	4.00		97.8	85-115			
------	------	-------	------	------	--	------	--------	--	--	--

LCS Dup (B203101-BSD1)

Prepared & Analyzed: 03/19/12

Iron	3.96	0.050	mg/L	4.00		99.0	85-115	1.21	20	
------	------	-------	------	------	--	------	--------	------	----	--

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Dissolved Metals by ICP - Quality Control

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

Batch B203086 - Dissolved/Potentially Dissolved Metals

Blank (B203086-BLK1)

Prepared & Analyzed: 03/16/12

Calcium	ND	1.00	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	1.00	mg/L							
Potassium	ND	1.00	mg/L							
Sodium	ND	1.00	mg/L							

LCS (B203086-BS1)

Prepared & Analyzed: 03/16/12

Calcium	5.23	1.00	mg/L	5.00		105	85-115			
Iron	5.10	0.050	mg/L	5.00		102	85-115			
Magnesium	26.2	1.00	mg/L	25.0		105	85-115			
Potassium	9.87	1.00	mg/L	10.0		98.7	85-115			
Sodium	8.12	1.00	mg/L	8.10		100	85-115			

LCS Dup (B203086-BSD1)

Prepared & Analyzed: 03/16/12

Calcium	5.11	1.00	mg/L	5.00		102	85-115	2.28	20	
Iron	5.04	0.050	mg/L	5.00		101	85-115	1.13	20	
Magnesium	25.8	1.00	mg/L	25.0		103	85-115	1.62	20	
Potassium	9.74	1.00	mg/L	10.0		97.4	85-115	1.27	20	
Sodium	7.87	1.00	mg/L	8.10		97.2	85-115	3.16	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Total Metals by ICPMS - Quality Control

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

Batch B203123 - EPA 3050M

Blank (B203123-BLK1)

Prepared: 03/22/12 Analyzed: 03/29/12

Arsenic ND 0.0005 mg/kg dry

LCS (B203123-BS1)

Prepared: 03/22/12 Analyzed: 03/29/12

Arsenic 0.0492 0.0005 mg/kg dry 0.0500 98.5 85-115

LCS Dup (B203123-BSD1)

Prepared: 03/22/12 Analyzed: 03/29/12

Arsenic 0.0458 0.0005 mg/kg dry 0.0500 91.6 85-115 7.24 20

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	-----------------------------

Total Mercury by CVAA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B203124 - EPA 7471										
Blank (B203124-BLK1)										
Prepared: 03/21/12 Analyzed: 03/22/12										
Mercury	ND	0.0002	mg/kg dry wet							
LCS (B203124-BS1)										
Prepared: 03/21/12 Analyzed: 03/22/12										
Mercury	0.0022	0.0002	mg/kg dry wet	0.00200		110	85-115			
LCS Dup (B203124-BSD1)										
Prepared: 03/21/12 Analyzed: 03/22/12										
Mercury	0.0022	0.0002	mg/kg dry wet	0.00200		110	85-115	0.364	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan 17801 Hwy 491 Cortez CO, 81321	Project: Table 910.1 & API Project Name / Number: [none] Project Manager: Chris Millican	Reported: 03/30/12 16:13
--	--	------------------------------------

Hot Water Extractable - Quality Control

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

Batch B203133 - Hot Water Soluble Metals Extract

Blank (B203133-BLK1)

Prepared & Analyzed: 03/23/12

Boron	ND	0.300	mg/kg dry							
-------	----	-------	-----------	--	--	--	--	--	--	--

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: Table 910.1 & API
Project Name / Number: [none]
Project Manager: Chris Millican

Reported:
03/30/12 16:13

Notes and Definitions

- Q2 Sample received in inappropriate container.
- B3 Target analyte detected in method blank. Reporting limit elevated to account for blank result.
- 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)

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

March 29, 2012

Debbie Zufelt

Green Analytical Laboratories

75 Suttle Street

Durango, CO 81303

RE: KINDER MORGAN

Enclosed are the results of analyses for samples received by the laboratory on 03/13/12 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list on accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:Green Analytical Laboratories
75 Suttle Street
Durango CO, 81303Project: KINDER MORGAN
Project Number: 1203-056-01,02
Project Manager: Debbie Zufelt
Fax To: (970) 247-4227Reported:
29-Mar-12 16:24

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SPILL AREA SOIL CR-X	H200637-01	Soil	09-Mar-12 12:30	13-Mar-12 10:30
NATIVE SOIL CR-X	H200637-02	Soil	09-Mar-12 12:30	13-Mar-12 10:30

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

SPILL AREA SOIL CR-X
H200637-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories
Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
EXT DRO >C28-C35	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
Surrogate: 1-Chlorooctane		118 %	55.5-154		2031305	MS	14-Mar-12	8015M	
Surrogate: 1-Chlorooctadecane		127 %	57.6-158		2031305	MS	14-Mar-12	8015M	

Volatile Organic Compounds by EPA Method 8021

Benzene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Toluene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Ethylbenzene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Total Xylenes	ND	0.150	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		110 %	64.4-134		2031301	AP	13-Mar-12	8021B	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[b]flouranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[k]flouranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

SPILL AREA SOIL CR-X
H200637-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[a]pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: Nitrobenzene-d5</i>		47.3 %		35-114	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: 2-Fluorobiphenyl</i>		59.0 %		43-116	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: Terphenyl-d14</i>		76.1 %		33-141	2032907	CK	28-Mar-12	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

NATIVE SOIL CR-X
H200637-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories
Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
EXT DRO >C28-C35	ND	10.0	mg/kg	1	2031305	MS	14-Mar-12	8015M	
Surrogate: 1-Chlorooctane		104 %	55.5-154		2031305	MS	14-Mar-12	8015M	
Surrogate: 1-Chlorooctadecane		117 %	57.6-158		2031305	MS	14-Mar-12	8015M	

Volatile Organic Compounds by EPA Method 8021

Benzene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Toluene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Ethylbenzene	ND	0.050	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Total Xylenes	ND	0.150	mg/kg	50	2031301	AP	13-Mar-12	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		109 %	64.4-134		2031301	AP	13-Mar-12	8021B	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

NATIVE SOIL CR-X
H200637-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[a]pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: Nitrobenzene-d5</i>		50.0 %		35-114	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: 2-Fluorobiphenyl</i>		65.9 %		43-116	2032907	CK	28-Mar-12	8270C	
<i>Surrogate: Terphenyl-d14</i>		76.7 %		33-141	2032907	CK	28-Mar-12	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Organic Compounds - Quality Control
Cardinal Laboratories

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

Batch 2031305 - General Prep - Organics
Blank (2031305-BLK1)

Prepared: 13-Mar-12 Analyzed: 14-Mar-12

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	54.9		mg/kg	50.0		110	55.5-154			
<i>Surrogate: 1-Chlorooctadecane</i>	57.4		mg/kg	50.0		115	57.6-158			

LCS (2031305-BS1)

Prepared: 13-Mar-12 Analyzed: 14-Mar-12

GRO C6-C10	249	10.0	mg/kg	200		124	63.5-131			
DRO >C10-C28	208	10.0	mg/kg	200		104	52.3-130			
Total TPH C6-C28	457	10.0	mg/kg	400		114	62-129			
<i>Surrogate: 1-Chlorooctane</i>	62.4		mg/kg	50.0		125	55.5-154			
<i>Surrogate: 1-Chlorooctadecane</i>	62.3		mg/kg	50.0		125	57.6-158			

LCS Dup (2031305-BSD1)

Prepared: 13-Mar-12 Analyzed: 14-Mar-12

GRO C6-C10	223	10.0	mg/kg	200		111	63.5-131	10.9	13.9	
DRO >C10-C28	185	10.0	mg/kg	200		92.6	52.3-130	11.7	18.1	
Total TPH C6-C28	408	10.0	mg/kg	400		102	62-129	11.3	16.2	
<i>Surrogate: 1-Chlorooctane</i>	53.9		mg/kg	50.0		108	55.5-154			
<i>Surrogate: 1-Chlorooctadecane</i>	56.6		mg/kg	50.0		113	57.6-158			

Matrix Spike (2031305-MS1)

Source: H200632-04

Prepared: 13-Mar-12 Analyzed: 14-Mar-12

GRO C6-C10	367	10.0	mg/kg	200	92.5	137	46.4-144			
DRO >C10-C28	1320	10.0	mg/kg	200	1020	151	33.5-141			
Total TPH C6-C28	1690	10.0	mg/kg	400	1110	144	52.7-131			
<i>Surrogate: 1-Chlorooctane</i>	63.9		mg/kg	50.0		128	55.5-154			
<i>Surrogate: 1-Chlorooctadecane</i>	64.2		mg/kg	50.0		128	57.6-158			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Organic Compounds - Quality Control
Cardinal Laboratories

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

Batch 2031305 - General Prep - Organics
Matrix Spike Dup (2031305-MSD1)

Source: H200632-04

Prepared: 13-Mar-12 Analyzed: 14-Mar-12

GRO C6-C10	340	10.0	mg/kg	200	92.5	124	46.4-144	10.4	46.5	
DRO >C10-C28	1270	10.0	mg/kg	200	1020	125	33.5-141	18.9	933	
Total TPH C6-C28	1610	10.0	mg/kg	400	1110	124	52.7-131	14.8	55.4	
<i>Surrogate: 1-Chlorooctane</i>	<i>60.4</i>		<i>mg/kg</i>	<i>50.0</i>		<i>121</i>	<i>55.5-154</i>			
<i>Surrogate: 1-Chlorooctadecane</i>	<i>59.4</i>		<i>mg/kg</i>	<i>50.0</i>		<i>119</i>	<i>57.6-158</i>			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Volatile Organic Compounds by EPA Method 8021 - Quality Control
Cardinal Laboratories

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

Batch 2031301 - Volatiles
Blank (2031301-BLK1)

Prepared & Analyzed: 13-Mar-12

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.0566</i>		mg/kg	<i>0.0500</i>		<i>113</i>	<i>64.4-134</i>			

LCS (2031301-BS1)

Prepared & Analyzed: 13-Mar-12

Benzene	1.89	0.050	mg/kg	2.00		94.5	65.2-126			
Toluene	2.06	0.050	mg/kg	2.00		103	73.2-126			
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	74.4-131			
Total Xylenes	6.61	0.150	mg/kg	6.00		110	73.5-130			
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.0554</i>		mg/kg	<i>0.0500</i>		<i>111</i>	<i>64.4-134</i>			

LCS Dup (2031301-BSD1)

Prepared & Analyzed: 13-Mar-12

Benzene	1.96	0.050	mg/kg	2.00		98.0	65.2-126	3.65	26.9	
Toluene	2.14	0.050	mg/kg	2.00		107	73.2-126	3.85	27.9	
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	74.4-131	3.78	28.5	
Total Xylenes	6.85	0.150	mg/kg	6.00		114	73.5-130	3.63	27.7	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.0563</i>		mg/kg	<i>0.0500</i>		<i>113</i>	<i>64.4-134</i>			

Matrix Spike (2031301-MS1)

Source: H200619-05

Prepared & Analyzed: 13-Mar-12

Benzene	1.87	0.050	mg/kg	2.00	ND	93.4	38.5-146			
Toluene	2.00	0.050	mg/kg	2.00	ND	100	43.8-145			
Ethylbenzene	2.09	0.050	mg/kg	2.00	ND	104	38.7-154			
Total Xylenes	6.50	0.150	mg/kg	6.00	ND	108	46.4-151			
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.0551</i>		mg/kg	<i>0.0500</i>		<i>110</i>	<i>64.4-134</i>			

Matrix Spike Dup (2031301-MSD1)

Source: H200619-05

Prepared & Analyzed: 13-Mar-12

Benzene	1.96	0.050	mg/kg	2.00	ND	98.2	38.5-146	4.97	51.6	
Toluene	2.09	0.050	mg/kg	2.00	ND	104	43.8-145	4.19	56.1	
Ethylbenzene	2.16	0.050	mg/kg	2.00	ND	108	38.7-154	3.40	59.8	
Total Xylenes	6.69	0.150	mg/kg	6.00	ND	111	46.4-151	2.95	61.7	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Volatile Organic Compounds by EPA Method 8021 - Quality Control
Cardinal Laboratories

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

Batch 2031301 - Volatiles
Matrix Spike Dup (2031301-MSD1)

Source: H200619-05

Prepared & Analyzed: 13-Mar-12

Surrogate: 4-Bromofluorobenzene (PID)	0.0542		mg/kg	0.0500		108	64.4-134			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Semivolatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

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

Batch 2032907 - EPA 3550
Blank (2032907-BLK1)

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Naphthalene	ND	0.040	mg/kg							
2-Methylnaphthalene	ND	0.040	mg/kg							
1-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthylene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Phenanthrene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Carbazole	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Pyrene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Benzo[b]fluoranthene	ND	0.040	mg/kg							
Benzo[k]fluoranthene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Benzo[g,h,i]perylene	ND	0.040	mg/kg							
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.697</i>		mg/kg	<i>2.00</i>		<i>34.8</i>	<i>35-114</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.946</i>		mg/kg	<i>2.00</i>		<i>47.3</i>	<i>43-116</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1.20</i>		mg/kg	<i>2.00</i>		<i>60.1</i>	<i>33-141</i>			

LCS (2032907-BS1)

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Naphthalene	0.005	0.00002	mg/kg	0.0100		54.5	21-133			
2-Methylnaphthalene	0.006	0.00002	mg/kg	0.0100		59.3	21-133			
Acenaphthylene	0.006	0.00002	mg/kg	0.0100		64.5	33-145			
Acenaphthene	0.007	0.00002	mg/kg	0.0100		68.5	47-145			
Fluorene	0.007	0.00002	mg/kg	0.0100		67.9	59-121			
Phenanthrene	0.008	0.00002	mg/kg	0.0100		76.2	54-120			
Anthracene	0.007	0.00002	mg/kg	0.0100		73.3	27-133			
Carbazole	0.007	0.00002	mg/kg	0.0100		68.1	70-130			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Semivolatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

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

Batch 2032907 - EPA 3550
LCS (2032907-BS1)

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Fluoranthene	0.007	0.00002	mg/kg	0.0100		68.5	26-137			
Pyrene	0.007	0.00002	mg/kg	0.0100		67.5	52-115			
Benzo[a]anthracene	0.005	0.00002	mg/kg	0.0100		47.8	33-143			
Chrysene	0.008	0.00002	mg/kg	0.0100		79.6	17-168			
Benzo[b]fluoranthene	0.004	0.00002	mg/kg	0.0100		43.6	24-159			
Benzo[k]fluoranthene	0.005	0.00002	mg/kg	0.0100		51.6	11-162			
Benzo[a]pyrene	0.004	0.00002	mg/kg	0.0100		39.6	17-163			
Indeno[1,2,3-cd]pyrene	0.006	0.00002	mg/kg	0.0100		62.8	0-171			
Dibenz[a,h]anthracene	0.006	0.00002	mg/kg	0.0100		62.9	0-227			
Benzo[g,h,i]perylene	0.006	0.00002	mg/kg	0.0100		63.6	0-219			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0296</i>		mg/kg	<i>0.0500</i>		<i>59.3</i>	<i>35-114</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0391</i>		mg/kg	<i>0.0500</i>		<i>78.2</i>	<i>43-116</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.0423</i>		mg/kg	<i>0.0500</i>		<i>84.6</i>	<i>33-141</i>			

Matrix Spike (2032907-MS1)

Source: H200637-01

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Naphthalene	0.238	0.040	mg/kg	0.400	ND	59.4	21-133			
2-Methylnaphthalene	0.264	0.040	mg/kg	0.400	0.0004	65.8	21-133			
Acenaphthylene	0.294	0.040	mg/kg	0.400	ND	73.4	33-145			
Acenaphthene	0.298	0.040	mg/kg	0.400	ND	74.6	47-145			
Fluorene	0.293	0.040	mg/kg	0.400	ND	73.1	59-121			
Phenanthrene	0.322	0.040	mg/kg	0.400	0.003	79.7	54-120			
Anthracene	0.313	0.040	mg/kg	0.400	0.003	77.5	27-133			
Carbazole	0.287	0.040	mg/kg	0.400	ND	71.7	70-130			
Fluoranthene	0.291	0.040	mg/kg	0.400	ND	72.8	26-137			
Pyrene	0.286	0.040	mg/kg	0.400	ND	71.6	52-115			
Benzo[a]anthracene	0.215	0.040	mg/kg	0.400	0.003	53.0	33-143			
Chrysene	0.324	0.040	mg/kg	0.400	ND	81.1	17-168			
Benzo[b]fluoranthene	0.211	0.040	mg/kg	0.400	ND	52.7	24-159			
Benzo[k]fluoranthene	0.199	0.040	mg/kg	0.400	ND	49.8	11-162			
Benzo[a]pyrene	0.179	0.040	mg/kg	0.400	ND	44.8	17-163			
Indeno[1,2,3-cd]pyrene	0.302	0.040	mg/kg	0.400	ND	75.5	0-171			
Dibenz[a,h]anthracene	0.302	0.040	mg/kg	0.400	ND	75.4	0-227			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Green Analytical Laboratories
 75 Suttle Street
 Durango CO, 81303

 Project: KINDER MORGAN
 Project Number: 1203-056-01,02
 Project Manager: Debbie Zufelt
 Fax To: (970) 247-4227

 Reported:
 29-Mar-12 16:24

Semivolatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

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

Batch 2032907 - EPA 3550
Matrix Spike (2032907-MS1)

Source: H200637-01

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Benzo[g,h,i]perylene	0.298	0.040	mg/kg	0.400	ND	74.5	0-219			
Surrogate: Nitrobenzene-d5	1.21		mg/kg	2.00		60.7	35-114			
Surrogate: 2-Fluorobiphenyl	1.61		mg/kg	2.00		80.3	43-116			
Surrogate: Terphenyl-d14	1.64		mg/kg	2.00		82.1	33-141			

Matrix Spike Dup (2032907-MSD1)

Source: H200637-01

Prepared: 22-Mar-12 Analyzed: 28-Mar-12

Naphthalene	0.191	0.040	mg/kg	0.400	ND	47.8	21-133	21.6	25	
2-Methylnaphthalene	0.213	0.040	mg/kg	0.400	0.0004	53.1	21-133	21.3	25	
Acenaphthylene	0.240	0.040	mg/kg	0.400	ND	59.9	33-145	20.2	25	
Acenaphthene	0.244	0.040	mg/kg	0.400	ND	61.0	47-145	20.0	25	
Fluorene	0.248	0.040	mg/kg	0.400	ND	61.9	59-121	16.7	25	
Phenanthrene	0.282	0.040	mg/kg	0.400	0.003	69.7	54-120	13.2	25	
Anthracene	0.276	0.040	mg/kg	0.400	0.003	68.4	27-133	12.3	25	
Carbazole	0.257	0.040	mg/kg	0.400	ND	64.1	70-130	11.1	25	
Fluoranthene	0.254	0.040	mg/kg	0.400	ND	63.5	26-137	13.6	25	
Pyrene	0.253	0.040	mg/kg	0.400	ND	63.2	52-115	12.5	25	
Benzo[a]anthracene	0.181	0.040	mg/kg	0.400	0.003	44.6	33-143	16.9	25	
Chrysene	0.291	0.040	mg/kg	0.400	ND	72.9	17-168	10.7	25	
Benzo[b]fluoranthene	0.167	0.040	mg/kg	0.400	ND	41.6	24-159	23.4	25	
Benzo[k]fluoranthene	0.173	0.040	mg/kg	0.400	ND	43.1	11-162	14.4	25	
Benzo[a]pyrene	0.144	0.040	mg/kg	0.400	ND	36.0	17-163	21.9	25	
Indeno[1,2,3-cd]pyrene	0.249	0.040	mg/kg	0.400	ND	62.2	0-171	19.4	25	
Dibenz[a,h]anthracene	0.250	0.040	mg/kg	0.400	ND	62.6	0-227	18.6	25	
Benzo[g,h,i]perylene	0.252	0.040	mg/kg	0.400	ND	63.0	0-219	16.6	25	
Surrogate: Nitrobenzene-d5	0.992		mg/kg	2.00		49.6	35-114			
Surrogate: 2-Fluorobiphenyl	1.30		mg/kg	2.00		64.8	43-116			
Surrogate: Terphenyl-d14	1.45		mg/kg	2.00		72.3	33-141			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report



Celey D. Keene, Lab Director/Quality Manager

