



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

27 August 2020

Michael Hannigan
Kinder Morgan
17801 Hwy 491
Cortez, CO 81321
RE: TPH Ext.

Enclosed are the results of analyses for samples received by the laboratory on 08/25/20 15:10. The data to follow was performed, in whole or in part, by a subcontract laboratory with an additional report attached.

If you need 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.



Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: TPH Ext.
Project Name / Number: Drilling Pit samples GP-16 Subsurface
Project Manager: Michael Hannigan

Reported:
08/27/20 14:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
GP-16-SB-6-8'-9'	2008280-01	Solid	08/24/20 15:10	08/25/20 15:10	
GP-16-SB-6-9'-10'	2008280-02	Solid	08/24/20 15:15	08/25/20 15:10	

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: TPH Ext. Project Name / Number: Drilling Pit samples GP-16 Subsurface Project Manager: Michael Hannigan	Reported: 08/27/20 14:16
--	--	-----------------------------

GP-16-SB-6-8'-9'

2008280-01 (Soil)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

Subcontracted -- Cardinal Laboratories

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	1.97	mg/kg	1	08/26/20 18:23	8015B		MS
DRO >C10-C28*	<10.0	10.0	2.97	mg/kg	1	08/26/20 18:23	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.97	mg/kg	1	08/26/20 18:23	8015B		MS
<i>Surrogate: 1-Chlorooctane</i>			92.1 %	44.3-144		08/26/20 18:23	8015B		MS
<i>Surrogate: 1-Chlorooctadecane</i>			91.5 %	42.2-156		08/26/20 18:23	8015B		MS

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: TPH Ext. Project Name / Number: Drilling Pit samples GP-16 Subsurface Project Manager: Michael Hannigan	Reported: 08/27/20 14:16
--	--	-----------------------------

GP-16-SB-6-9'-10'

2008280-02 (Soil)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

Subcontracted -- Cardinal Laboratories

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	1.97	mg/kg	1	08/26/20 18:45	8015B		MS
DRO >C10-C28*	595	10.0	2.97	mg/kg	1	08/26/20 18:45	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.97	mg/kg	1	08/26/20 18:45	8015B		MS
<i>Surrogate: 1-Chlorooctane</i>			<i>113 %</i>	<i>44.3-144</i>		<i>08/26/20 18:45</i>	<i>8015B</i>		MS
<i>Surrogate: 1-Chlorooctadecane</i>			<i>107 %</i>	<i>42.2-156</i>		<i>08/26/20 18:45</i>	<i>8015B</i>		MS

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: TPH Ext. Project Name / Number: Drilling Pit samples GP-16 Subsurface Project Manager: Michael Hannigan	Reported: 08/27/20 14:16
--	--	-----------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0082605 - General Prep - Organics										
Blank (0082605-BLK1) Prepared & Analyzed: 08/26/20										
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	42.2-156			
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	44.3-144			
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							
LCS (0082605-BS1) Prepared & Analyzed: 08/26/20										
Surrogate: 1-Chlorooctadecane	59.1		mg/kg	50.0		118	42.2-156			
Surrogate: 1-Chlorooctane	55.1		mg/kg	50.0		110	44.3-144			
DRO >C10-C28	195	10.0	mg/kg	200		97.6	80-132			
GRO C6-C10	196	10.0	mg/kg	200		97.8	78.8-127			
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	81.3-128			
LCS Dup (0082605-BSD1) Prepared & Analyzed: 08/26/20										
Surrogate: 1-Chlorooctadecane	56.8		mg/kg	50.0		114	42.2-156			
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	44.3-144			
DRO >C10-C28	209	10.0	mg/kg	200		105	80-132	6.93	17.1	
GRO C6-C10	210	10.0	mg/kg	200		105	78.8-127	6.87	15.1	
Total TPH C6-C28	419	10.0	mg/kg	400		105	81.3-128	6.90	15	

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: TPH Ext.
Project Name / Number: Drilling Pit samples GP-16 Subsurface
Project Manager: Michael Hannigan

Reported:
08/27/20 14:16

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*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

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.



(970) 247-4220
 Fax: (970) 247-4227

service@greenanalytical.com or dzufelt@greenanalytical.com
 75 Suttle St Durango, CO 81303

FORM-006
 COC - Revision 5.0

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company or Client: Kinder Morgan CO2 Company, L.P. Address: 17801 U.S. Highway 491 City: Cortez State: CO Zip: 81321 Phone #: (970) 882-5532 Contact Person: Michael Hannigan Email Report to: michael_hannigan@kindermorgan.com Project Name(optional): Drum6 RR Sol Samples GP-16 SUBSURFACE		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Email:		Bill to (if different): ANALYSIS REQUEST	
Sampler Name (Print): Michael Hannigan		Collected Date: 8/24/20 Time: 15:10 Date: 8/24/20 Time: 15:15		Matrix (check one) <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> SURFACEWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> PRODUCEDWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> OTHER : # of containers <input type="checkbox"/> No preservation (general) <input type="checkbox"/> HNO ₃ <input type="checkbox"/> HCl <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> Other: <input type="checkbox"/> Other:	
For Lab Use 2008-2580-01 GP-16-SB-6-8'-9' GP-16-SB-6-9'-10'		Matrix (check one) <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> OTHER : # of containers <input checked="" type="checkbox"/> No preservation (general) <input type="checkbox"/> HNO ₃ <input type="checkbox"/> HCl <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> Other: <input type="checkbox"/> Other:		TPH (GRO/DRO/EXT. DRO) X X	
Relinquished By: Michael Hannigan Date: 8/15/20 Time: 10:15 Relinquished By: [Signature] Date: 8/15/20 Time: 15:10 Relinquished By: [Signature] Date: 8/15/20 Time: 15:10		Received By: [Signature] Date: 8/15/20 Time: 15:10 Received By: [Signature] Date: 8/15/20 Time: 15:10		ADDITIONAL REMARKS: Report to State? (Circle) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> RUSM ASAP #1 Laser on Ice 3.914.02 CHECKED BY: [Signature]	

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.
 † GAL cannot always accept verbal changes. Please fax or email written change requests.