



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

28 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 08/26/20 14:45. 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'. 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 through the Colorado Department of Public Health and Environment and EPA region 8.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: TPH Ext.
Project Name / Number: Drilling Pit Soil Samples YE-6 Subsurface
Project Manager: Michael Hannigan

Reported:
08/28/20 13:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
YE-6-SB-2-11'-12'	2008311-01	Solid	08/25/20 11:35	08/26/20 14:45	

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.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: TPH Ext.
Project Name / Number: Drilling Pit Soil Samples YE-6 Subsurface
Project Manager: Michael Hannigan

Reported:
08/28/20 13:01

YE-6-SB-2-11'-12'

2008311-01 (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	08/28/20 03:57	8015B		MS
DRO >C10-C28*	59.8	10.0	2.97	mg/kg	1	08/28/20 03:57	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.97	mg/kg	1	08/28/20 03:57	8015B		MS
Surrogate: 1-Chlorooctane			122 %	44.3-144		08/28/20 03:57	8015B		MS
Surrogate: 1-Chlorooctadecane			130 %	42.2-156		08/28/20 03:57	8015B		MS

Green Analytical Laboratories

Debbie Zufelt

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.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Kinder Morgan
17801 Hwy 491
Cortez CO, 81321

Project: TPH Ext.
Project Name / Number: Drilling Pit Soil Samples YE-6 Subsurface
Project Manager: Michael Hannigan

Reported:
08/28/20 13:01

Petroleum Hydrocarbons by GC FID - Quality Control

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

Batch 0082710 - General Prep - Organics

Blank (0082710-BLK1)

Prepared & Analyzed: 08/27/20

Surrogate: 1-Chlorooctadecane	54.1		mg/kg	50.0		108	42.2-156			
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	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 (0082710-BS1)

Prepared & Analyzed: 08/27/20

Surrogate: 1-Chlorooctadecane	56.8		mg/kg	50.0		114	42.2-156			
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	44.3-144			
DRO >C10-C28	205	10.0	mg/kg	200		103	80-132			
GRO C6-C10	202	10.0	mg/kg	200		101	78.8-127			
Total TPH C6-C28	407	10.0	mg/kg	400		102	81.3-128			

LCS Dup (0082710-BSD1)

Prepared & Analyzed: 08/27/20

Surrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	42.2-156			
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	44.3-144			
DRO >C10-C28	208	10.0	mg/kg	200		104	80-132	1.46	17.1	
GRO C6-C10	197	10.0	mg/kg	200		98.4	78.8-127	2.63	15.1	
Total TPH C6-C28	405	10.0	mg/kg	400		101	81.3-128	0.544	15	

Green Analytical Laboratories

Debbie Zufelt

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 Soil Samples YE-6 Subsurface
Project Manager: Michael Hannigan

Reported:
08/28/20 13:01

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 dzufel@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): DRUMS Pt Soil Samples YE-6 SUBSURFACE

Bill to (if different):

ANALYSIS REQUEST

Sampler Name (Print): Michael Hannigan

Collected

Matrix (check one)

of containers

For Lab Use

Date

Time

GROUNDWATER
SURFACEWATER
WASTEWATER
PRODUCEDWATER
SOIL
DRINKING WATER
OTHER :
No preservation (general)
HNO₃
HCl
H₂SO₄
Other:
Other:

TPH (GRO/DRO/Ext. DRO)

X

PLEASE NOTE: GAL'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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL, within 30 days after completion. In no event shall GAL 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 services hereunder.

Relinquished By:

Michael

Date: 8/26/20

Received By:

Michael

ADDITIONAL REMARKS:

Report to State? (Circle)

RUSH ASAP

Yes

No

Relinquished By:

Michael

Date: 8/26/20

Received By:

Michael

Relinquished By:

Michael

Date: 8/26/20

Received By:

Michael

Relinquished By:

Michael

Date: 8/26/20

Received By:

Michael

Temperature at receipt:

CHECKED BY

on ice

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