District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NCE2003737116
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Natural Gas Pipeline Co. of America LLC	OGRID 329155
Contact Name Glen Thompson	Contact Telephone (432) 333-5518
Contact email glen_thompson@kindermorgan.com	Incident # *(assigned by OCD)*
Contact mailing address 1550 Windway, Odessa, TX 79763	

Location of Release Source

Latitude 32.7732863 Longitude -104.2616192
(NAD 83 in decimal degrees to 5 decimal places)

Site Name NGPL's Indian Basin Line	Site Type Natural gas steel transmission pipeline
Date Release Discovered 01/14/2020	API# *(if applicable)* N/A

Unit Letter	Section	Township	Range	County
I, O, & P	3	18 South	27 East	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☒ Private (*Name: COG Operating LLC and Concho Oil & Gas*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe) Hydrotest water	Volume/Weight Released (provide units) Original estimate approximately 6,000 gallons; revised estimate approximately 18,000 gallons	Volume/Weight Recovered (provide units) 16,800 gallons

Cause of Release: At approximately 2:30 p.m. MTN, a Kinder Morgan contractor was at Section 4 / 5 test brake on the Natural Gas Pipeline Co. of America LLC (NGPL) Indian Basin Line removing a metal rod from a 6-inch valve. The metal rod was used as a barrier for pipeline pigs during the hydrotest project. While attempting to remove the metal rod, the metal rod became lodged in the valve. The line had been air blown to remove the water but when the valve was opened to dislodge the metal rod hydrotest water began flowing from the valve for approximately 20 minutes until the rod could be dislodged and the valve shut.

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State of New Mexico
Oil Conservation Division

Incident ID	NCE2003737116
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The initial notification of approximately 6,000gallons of released hydrotest water was based on visual observation from project personnel. Surface terrain was uneven and difficult for on-site personnel to visually determine the release amount. That estimated release amount has been revised to 18,000 gallons based on the amount of hydrotest water recovered from the release which was 16,800 gallons.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Glen Thompson spoke with Mike Bratcher from the District 2 Office by phone on 01/14/2020 at 5:56 p.m. MTN and then called Bureau Chief Jim Griswold and left a voicemail detailing the incident on 01/14/2020 at 6:23 p.m. MTN.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
No visible sheen was observed on any standing water. The release point was on a ridge line that sloped downhill to the south. The hydrotest water release travelled downhill to the south for approximately 650 ft. into an ephemeral draw (dry arroyo) where it collected in a low spot at approximately 850 ft. from the release point and then continued for another 150 ft. into what on-site personnel described as an old borrow pit. On-site personnel placed hay bales at the end of the hydrotest water release (1000 ft.) to prevent further progression and utilized vacuum trucks to pump released hydrotest water from the low areas where the water had pooled. The released hydrotest water was placed in on-site frac tanks.

Five surface samples were collected along the release path to determine if any impact occurred above regulatory limits (see attached Figure – NGPL Indian Basin Hydrotest Water Spill). A water sample was also collected of the released hydrotest water where it had pooled approximately 850 ft. from the release point. The sample results are included in the attached Xenco Lab Report# 649140.

All lab results were below lab detection limits for TPH and BTEX in all the samples.

Based on these sample results, NGPL has concluded their investigation, determining that no further action is warranted and is requesting closure from the NMOCD for this release.

State of New Mexico
Oil Conservation Division

Incident ID	NCE2003737116
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: G.D. Thompson Title: Engineer – EHS Sr.

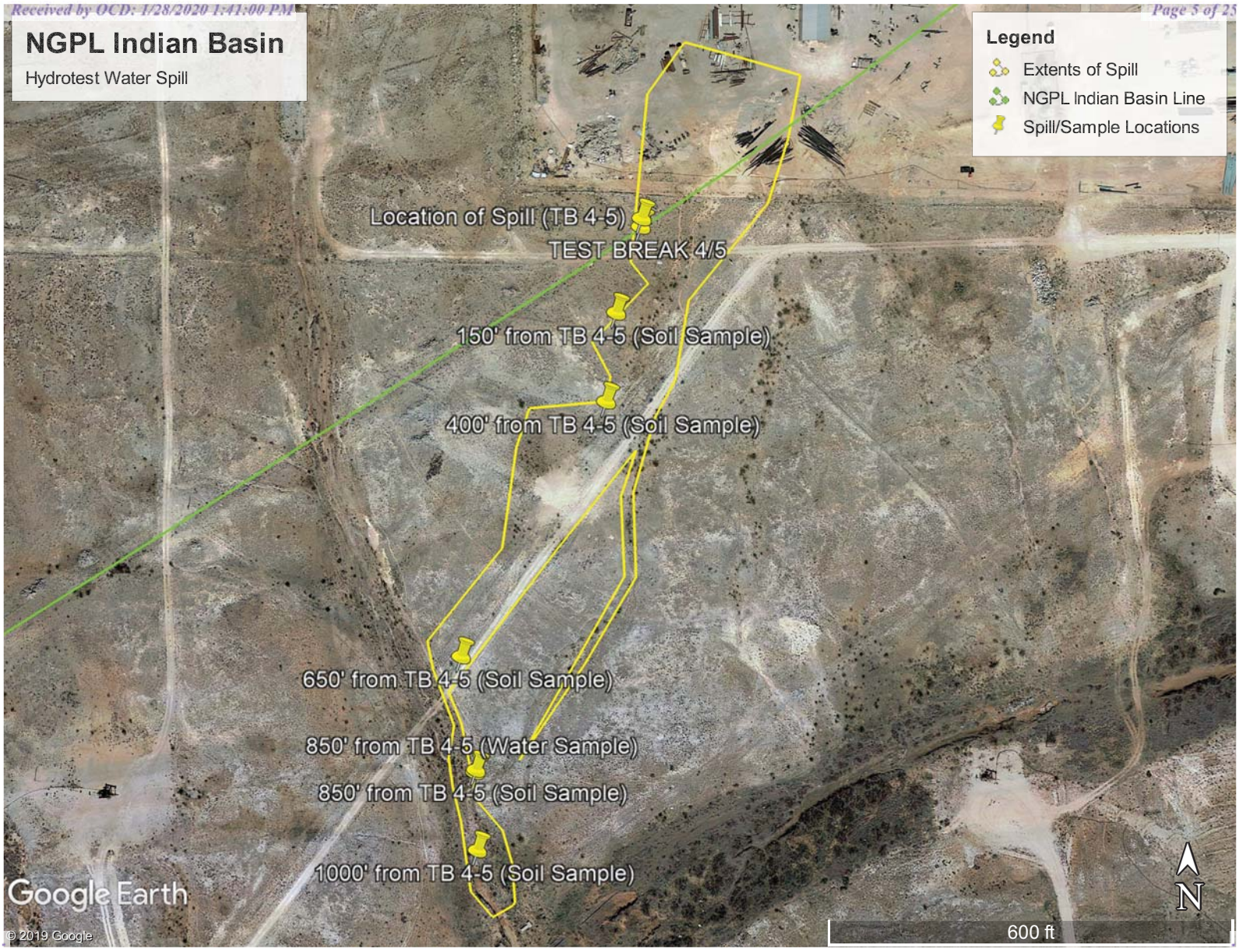
Signature: G.D. Thompson Date: 01/28/2020

email: glen_thompson@kindermorgan.com Telephone: (432) 333-5518

OCD Only

Received by: Cristina Eads Date: 02/06/2020

Figure


NGPL Indian Basin
Hydrotest Water Spill
Legend
Extents of Spill
NGPL Indian Basin Line
Spill/Sample Locations
Location of Spill (TB 4-5)
TEST BREAK 4/5
150' from TB 4-5 (Soil Sample)
400' from TB 4-5 (Soil Sample)
650' from TB 4-5 (Soil Sample)
850' from TB 4-5 (Water Sample)
850' from TB 4-5 (Soil Sample)
1000' from TB 4-5 (Soil Sample)
Google Earth
© 2019 Google
N
600 ft

Lab Report

Analytical Report 649140

for

Kinder Morgan NGPL

Project Manager: Michael Bowles

NGPL Indian Basin Line Hydrstatic Test

414290

20-JAN-20

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

20-JAN-20

Project Manager: **Michael Bowles**
Kinder Morgan NGPL
569 Brookewood Village, Suite 749
Birmingham, AL 35209

Reference: XENCO Report No(s): **649140**
NGPL Indian Basin Line Hydrstatic Test
Project Address: Artesia, New Mexico

Michael Bowles:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 649140. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 649140 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
150' from TB 4-5	S	01-14-20 15:00	1 - 4 In	649140-001
400' from TB 4-5	S	01-14-20 15:05	1 - 4 In	649140-002
650' from TB 4-5	S	01-14-20 15:10	1 - 4 In	649140-003
850' from TB 4-5	S	01-14-20 15:15	1 - 4 In	649140-004
1000' from TB 4-5	S	01-15-20 10:35	1 - 4 In	649140-005
Test break 4-5:Release-water	W	01-14-20 15:30		649140-006

CASE NARRATIVE

Client Name: Kinder Morgan NGPL

Project Name: NGPL Indian Basin Line Hydrstatic Test

Project ID: *414290*
Work Order Number(s): *649140*

Report Date: *20-JAN-20*
Date Received: *01/15/2020*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3113425 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id: **150' from TB 4-5**
Lab Sample Id: 649140-001

Matrix: Soil
Date Collected: 01.14.20 15.00

Date Received: 01.15.20 11.45
Sample Depth: 1 - 4 In

Analytical Method: TPH by SW8015 Mod
Tech: DTH
Analyst: DTH
Seq Number: 3113407

Date Prep: 01.15.20 18.00

Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.15.20 21.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.15.20 21.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.15.20 21.36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.15.20 21.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	01.15.20 21.36	
o-Terphenyl	84-15-1	88	%	70-135	01.15.20 21.36	

Analytical Method: BTEX by EPA 8021B
Tech: MAB
Analyst: MAB
Seq Number: 3113425

Date Prep: 01.15.20 13.00

Prep Method: SW5030B
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	01.15.20 16.42	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.15.20 16.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	70-130	01.15.20 16.42	
1,4-Difluorobenzene	540-36-3	101	%	70-130	01.15.20 16.42	

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id: **400' from TB 4-5** Matrix: Soil Date Received:01.15.20 11.45

Lab Sample Id: 649140-002 Date Collected: 01.14.20 15.05 Sample Depth: 1 - 4 In

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 01.15.20 18.00 Basis: Wet Weight

Seq Number: 3113407

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2	mg/kg	01.15.20 21.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2	mg/kg	01.15.20 21.56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2	mg/kg	01.15.20 21.56	U	1
Total TPH	PHC635	<50.2	50.2	mg/kg	01.15.20 21.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	01.15.20 21.56	
o-Terphenyl	84-15-1	92	%	70-135	01.15.20 21.56	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 01.15.20 13.00 Basis: Wet Weight

Seq Number: 3113425

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.15.20 16.59	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.15.20 16.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	01.15.20 16.59	
4-Bromofluorobenzene	460-00-4	103	%	70-130	01.15.20 16.59	

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id:	**650' from TB 4-5**	Matrix:	Soil	Date Received:	01.15.20 11.45
Lab Sample Id:	649140-003	Date Collected:	01.14.20 15.10	Sample Depth:	1 - 4 In

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	01.15.20 18.00	Basis:	Wet Weight
Seq Number:	3113407				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Total TPH	PHC635	<50.2	50.2	mg/kg	01.15.20 22.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	01.15.20 22.16	
o-Terphenyl	84-15-1	92	%	70-135	01.15.20 22.16	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	01.15.20 13.00	Basis:	Wet Weight
Seq Number:	3113425				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	01.15.20 17.17	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1
Total BTEX		<0.00202	0.00202	mg/kg	01.15.20 17.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	01.15.20 17.17	
1,4-Difluorobenzene	540-36-3	100	%	70-130	01.15.20 17.17	

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id:	**850' from TB 4-5**	Matrix:	Soil	Date Received:	01.15.20 11.45
Lab Sample Id:	649140-004	Date Collected:	01.14.20 15.15	Sample Depth:	1 - 4 In

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DTH			% Moisture:	
Analyst:	DTH	Date Prep:	01.15.20 18.00	Basis:	Wet Weight
Seq Number:	3113407				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2	mg/kg	01.15.20 22.16	U	1
Total TPH	PHC635	<50.2	50.2	mg/kg	01.15.20 22.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	01.15.20 22.16	
o-Terphenyl	84-15-1	92	%	70-135	01.15.20 22.16	

Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	01.15.20 13.00	Basis:	Wet Weight
Seq Number:	3113425				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	01.15.20 17.34	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1
Total BTEX		<0.00201	0.00201	mg/kg	01.15.20 17.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	01.15.20 17.34	
1,4-Difluorobenzene	540-36-3	103	%	70-130	01.15.20 17.34	

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id: **1000' from TB 4-5** Matrix: Soil Date Received:01.15.20 11.45

Lab Sample Id: 649140-005 Date Collected: 01.15.20 10.35 Sample Depth: 1 - 4 In

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DTH % Moisture:

Analyst: DTH Date Prep: 01.15.20 18.00 Basis: Wet Weight

Seq Number: 3113407

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	01.15.20 22.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	01.15.20 22.36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	01.15.20 22.36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	01.15.20 22.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-135	01.15.20 22.36	
o-Terphenyl	84-15-1	105	%	70-135	01.15.20 22.36	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: MAB % Moisture:

Analyst: MAB Date Prep: 01.15.20 13.00 Basis: Wet Weight

Seq Number: 3113425

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	01.15.20 17.51	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1
Total BTEX		<0.00199	0.00199	mg/kg	01.15.20 17.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	01.15.20 17.51	
4-Bromofluorobenzene	460-00-4	98	%	70-130	01.15.20 17.51	

Certificate of Analytical Results 649140

Kinder Morgan NGPL, Birmingham, AL

NGPL Indian Basin Line Hydrstatic Test

Sample Id: **Test break 4-5:Release-water** Matrix: Water Date Received:01.15.20 11.45

Lab Sample Id: 649140-006 Date Collected: 01.14.20 15.30

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: LRI % Moisture:

Analyst: ARM Date Prep: 01.18.20 08.00

Seq Number: 3113762 SUB: T104704400-19-19

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<2.36	2.36	mg/L	01.18.20 10.47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<2.36	2.36	mg/L	01.18.20 10.47	U	1
Total TPH	PHC635	<2.36	2.36	mg/L	01.18.20 10.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	01.18.20 10.47	
o-Terphenyl	84-15-1	85	%	70-135	01.18.20 10.47	

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Tech: KTL % Moisture:

Analyst: KTL Date Prep: 01.17.20 09.30

Seq Number: 3113742 SUB: T104704400-19-19

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/L	01.17.20 19.53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/L	01.17.20 19.53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/L	01.17.20 19.53	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/L	01.17.20 19.53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/L	01.17.20 19.53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/L	01.17.20 19.53	U	1
Total BTEX		<0.00200	0.00200	mg/L	01.17.20 19.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	109	%	70-130	01.17.20 19.53	
4-Bromofluorobenzene	460-00-4	77	%	70-130	01.17.20 19.53	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 649140

Kinder Morgan NGPL

NGPL Indian Basin Line Hydrstatic Test

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113407 — Matrix: Solid — Date Prep: 01.15.20
MB Sample Id: 7694481-1-BLK — LCS Sample Id: 7694481-1-BKS — LCSD Sample Id: 7694481-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	712	71	727	73	70-135	2	35	mg/kg	01.15.20 21:16	
Diesel Range Organics (DRO)	<50.0	1000	765	77	750	75	70-135	2	35	mg/kg	01.15.20 21:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	128		125		127		70-135	%	01.15.20 21:16
o-Terphenyl	128		123		124		70-135	%	01.15.20 21:16

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113762 — Matrix: Water — Date Prep: 01.18.20
MB Sample Id: 7694678-1-BLK — LCS Sample Id: 7694678-1-BKS — LCSD Sample Id: 7694678-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<0.914	92.5	82.2	89	99.5	108	70-135	19	20	mg/L	01.18.20 10:10	
Diesel Range Organics (DRO)	<0.844	92.5	83.0	90	83.5	90	70-135	1	20	mg/L	01.18.20 10:10	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	87		98		115		70-135	%	01.18.20 10:10
o-Terphenyl	91		87		89		70-135	%	01.18.20 10:10

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113407 — Matrix: Solid — Date Prep: 01.15.20
MB Sample Id: 7694481-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.15.20 20:56	

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113407 — Matrix: Soil — Date Prep: 01.15.20
Parent Sample Id: 649140-001 — MS Sample Id: 649140-001 S — MSD Sample Id: 649140-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	927	93	1090	109	70-135	16	35	mg/kg	01.15.20 21:36	
Diesel Range Organics (DRO)	<49.9	998	1010	101	1170	117	70-135	15	35	mg/kg	01.15.20 21:36	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	128		124		70-135	%	01.15.20 21:36
o-Terphenyl	104		119		70-135	%	01.15.20 21:36

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 649140

Kinder Morgan NGPL

NGPL Indian Basin Line Hydrstatic Test

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3113762 — Matrix: Water — Date Prep: 01.18.20
Parent Sample Id: 649140-006 — MS Sample Id: 649140-006 S — MSD Sample Id: 649140-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<0.932	94.4	91.7	97	85.2	90	70-135	7	20	mg/L	01.18.20 11:06	
Diesel Range Organics (DRO)	<0.861	94.4	79.3	84	79.9	85	70-135	1	20	mg/L	01.18.20 11:06	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	95		86		70-135	%	01.18.20 11:06
o-Terphenyl	78		72		70-135	%	01.18.20 11:06

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3113425 — Matrix: Solid — Date Prep: 01.15.20
MB Sample Id: 7694449-1-BLK — LCS Sample Id: 7694449-1-BKS — LCSD Sample Id: 7694449-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.105	105	0.105	105	70-130	0	35	mg/kg	01.15.20 15:15	
Toluene	<0.00200	0.100	0.105	105	0.104	104	70-130	1	35	mg/kg	01.15.20 15:15	
Ethylbenzene	<0.00200	0.100	0.103	103	0.102	102	71-129	1	35	mg/kg	01.15.20 15:15	
m,p-Xylenes	<0.00400	0.200	0.211	106	0.209	105	70-135	1	35	mg/kg	01.15.20 15:15	
o-Xylene	<0.00200	0.100	0.104	104	0.102	102	71-133	2	35	mg/kg	01.15.20 15:15	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		102		102		70-130	%	01.15.20 15:15
4-Bromofluorobenzene	104		104		101		70-130	%	01.15.20 15:15

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3113742 — Matrix: Water — Date Prep: 01.17.20
MB Sample Id: 7694711-1-BLK — LCS Sample Id: 7694711-1-BKS — LCSD Sample Id: 7694711-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000408	0.100	0.107	107	0.103	103	70-130	4	25	mg/L	01.17.20 17:13	
Toluene	<0.000367	0.100	0.0975	98	0.0973	97	70-130	0	25	mg/L	01.17.20 17:13	
Ethylbenzene	<0.000657	0.100	0.0930	93	0.0933	93	70-130	0	25	mg/L	01.17.20 17:13	
m,p-Xylenes	<0.000630	0.200	0.181	91	0.182	91	70-130	1	25	mg/L	01.17.20 17:13	
o-Xylene	<0.000642	0.100	0.0914	91	0.0918	92	70-130	0	25	mg/L	01.17.20 17:13	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		108		109		70-130	%	01.17.20 17:13
4-Bromofluorobenzene	72		91		93		70-130	%	01.17.20 17:13

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 649140

Kinder Morgan NGPL

NGPL Indian Basin Line Hydrstatic Test

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3113425 Matrix: Soil Date Prep: 01.15.20

Parent Sample Id: 649140-001 MS Sample Id: 649140-001 S MSD Sample Id: 649140-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0976	98	0.0887	89	70-130	10	35	mg/kg	01.15.20 15:50	
Toluene	<0.00200	0.0998	0.0713	71	0.0756	76	70-130	6	35	mg/kg	01.15.20 15:50	
Ethylbenzene	<0.00200	0.0998	0.0769	77	0.0718	72	71-129	7	35	mg/kg	01.15.20 15:50	
m,p-Xylenes	<0.00399	0.200	0.150	75	0.142	71	70-135	5	35	mg/kg	01.15.20 15:50	
o-Xylene	<0.00200	0.0998	0.0933	93	0.0820	82	71-133	13	35	mg/kg	01.15.20 15:50	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		99		70-130	%	01.15.20 15:50
4-Bromofluorobenzene	101		98		70-130	%	01.15.20 15:50

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3113742 Matrix: Ground Water Date Prep: 01.17.20

Parent Sample Id: 648861-001 MS Sample Id: 648861-001 S MSD Sample Id: 648861-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.000700	0.100	0.104	103	0.106	105	70-130	2	25	mg/L	01.17.20 17:54	
Toluene	0.00140	0.100	0.0978	96	0.101	100	70-130	3	25	mg/L	01.17.20 17:54	
Ethylbenzene	<0.000657	0.100	0.0931	93	0.0968	97	70-130	4	25	mg/L	01.17.20 17:54	
m,p-Xylenes	<0.000630	0.200	0.182	91	0.191	96	70-130	5	25	mg/L	01.17.20 17:54	
o-Xylene	<0.000642	0.100	0.0901	90	0.0956	96	70-130	6	25	mg/L	01.17.20 17:54	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	108		112		70-130	%	01.17.20 17:54
4-Bromofluorobenzene	86		96		70-130	%	01.17.20 17:54

MS/MSD Percent Recovery [D] = 100*(C-A) / B LCS = Laboratory Control Sample MS = Matrix Spike

Relative Percent Difference RPD = 200* | (C-E) / (C+E) | A = Parent Result B = Spike Added

LCS/LCSD Recovery [D] = 100 * (C) / [B] C = MS/LCS Result D = MSD/LCSD % Rec

Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample) E = MSD/LCSD Result

Chain of Custody

Work Order No: 649140

XENCO LABORATORIES

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

www.xenco.com Page _____ of _____

Project Manager:	Michael Bowles	Bill to: (if different)	<-- Same
Company Name:	NGPL	Company Name:	
Address:	569 Brookewood Village, Suite 749	Address:	
City, State ZIP:	Birmingham, Alabama 35209	City, State ZIP:	
Phone:	205-325-3558	Email:	Michael_Bowles@KinderMorgan.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ perfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGPL Indian Basin Line Hydrostatic Test	Turn Around	
Project Number:	414290	Routine:	☐
Project Location	Artesia, New Mexico	Rush:	X
Sampler's Name:	Zach Markel	Due Date:	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	2.0	Thermometer ID	T-NM-007
Received Intact:	(Yes) No	Correction Factor:	-0.2
Cooler Custody Seals:	Yes (No) N/A	Total Containers:	11
Sample Custody Seals:	Yes (No) N/A		

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	TPH 8015	BTEX 8021
150' from TB 4-5	S	1/14/20	15:00	1" to 4"	1	X	X
400' from TB 4-5	S	1/14/20	15:05	1" to 4"	1	X	X
650' from TB 4-5	S	1/14/20	15:10	1" to 4"	1	X	X
850' from TB 4-5	S	1/14/20	15:15	1" to 4"	1	X	X
1000' from TB 4-5	S	1/15/20	10:35	1" to 4"	1	X	X
Test break 4-5:Release-Water	W	1/14/20	15:30	N/A	6	X	X

Sample Comments

Email results to: Amy_Blythe@kindermorgan.com & Glen_Thomspon@kindermorgan.com

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Zach Markel		1/15/20 11:45	2		
			4		
			6		

Revised Date101419 Rev. 2019.1

Inter-Office Shipment

IOS Number : 56120

Date/Time:	01.15.2020	Created by:	Elizabeth Mcclellan	Please send report to:	Holly Taylor
Lab# From:	**Carlsbad**	Delivery Priority:		Address:	1089 N Canal Street
Lab# To:	**Houston**	Air Bill No.:		E-Mail:	holly.taylor@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
649140-006	W	Test break 4-5:Release-	01.14.2020 15:30	SW8015MOD_NM	TPH by SW8015 Mod	**01.17.2020**	01.28.2020	HTA	PHCC10C28 PHCC28C35	
649140-006	W	Test break 4-5:Release-	01.14.2020 15:30	SW8021B	BTEX by EPA 8021B	**01.17.2020**	01.28.2020	HTA	BR4FBZ BZ BZME EBZ	

Inter Office Shipment or Sample Comments:

Relinquished By: Elizabeth McClellan

Date Relinquished: 01.15.2020

Received By:

Date Received:

Cooler Temperature:

Inter-Office Shipment

IOS Number **56211**

Date/Time: 01/15/20 17:54
Lab# From: **Carlsbad**
Lab# To: **Midland**

Created by: Elizabeth Mcclellan
Delivery Priority:
Air Bill No.: 777490572686

Please send report to: Holly Taylor
Address: 1089 N Canal Street
E-Mail: holly.taylor@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
649140-006	W	Test break 4-5:Release-w	01/14/20 15:30	SW8015MOD_NM	TPH by SW8015 Mod	**01/17/20**	01/28/20	HTA	PHCC10C28 PHCC28C35	
649140-006	W	Test break 4-5:Release-w	01/14/20 15:30	SW8021B	BTEX by EPA 8021B	**01/17/20**	01/28/20	HTA	BR4FBZ BZ BZME EBZ X	

Inter Office Shipment or Sample Comments:

Relinquished By: Elizabeth McClellan

Date Relinquished: 01/15/2020

Received By: Brianna Teel

Date Received: 01/16/2020 11:33

Cooler Temperature: 0.7

XENCO Laboratories

Inter Office Report- Sample Receipt Checklist

Sent To: Midland

IOS #: 56211

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used : R8

Sent By: Elizabeth McClellan **Date Sent:** 01/15/2020 05:54 PM

Received By: Brianna Teel **Date Received:** 01/16/2020 11:33 AM

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	.7	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received with appropriate temperature?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 *Custody Seals Signed and dated for Containers/coolers	**Yes**	
#6 *IOS present?	**Yes**	
#7 Any missing/extra samples?	**No**	
#8 IOS agrees with sample label(s)/matrix?	**Yes**	
#9 Sample matrix/ properties agree with IOS?	**Yes**	
#10 Samples in proper container/ bottle?	**Yes**	
#11 Samples properly preserved?	**Yes**	
#12 Sample container(s) intact?	**Yes**	
#13 Sufficient sample amount for indicated test(s)?	**Yes**	
#14 All samples received within hold time?	**Yes**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **Date:** _____

Checklist reviewed by: Brianna Teel Date: 01/16/2020

Brianna Teel

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Kinder Morgan NGPL

Date/ Time Received: 01/15/2020 11:45:00 AM

Work Order #: 649140

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 Custody Seals intact on sample bottles?	**Yes**	
#6*Custody Seals Signed and dated?	**Yes**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**Yes**	TPH and BTEX water samples subbed to Midland.
#18 Water VOC samples have zero headspace?	**Yes**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Elizabeth McClellan Date: 01/15/2020

Checklist reviewed by: Holly Taylor Date: 01/17/2020