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REVISED REMEDIATION SUMMARY AND SITE CLOSURE REQUEST

**Natural Gas Pipeline Co. of America LLC
NGPL's Indian Basin Pipeline Rupture, 2RP-5631
Eddy County, New Mexico
Unit Letters "B, G, and H", Section 36, Township 17 South, Range 27 East
Latitude 32.7895739° North, Longitude -104.2383265° West
NMOCD Incident No. NAB1927162165**

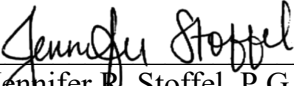
Prepared For:

**Natural Gas Pipeline Company of America LLC
1001 Louisiana Street Room 1445B
Houston, Texas 77002**

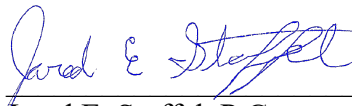
Prepared By:

**TRC Environmental Corporation
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July 2022



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INTRODUCTION & BACKGROUND INFORMATION

TRC Environmental Corporation (TRC), on behalf of Natural Gas Pipeline Company of America LLC (NGPL), has prepared this *Revised Remediation Summary and Site Closure Request* for the NGPL Indian Basin Pipeline Rupture Site (the Site). The legal description of the Site is Unit Letter "B", Section 36, Township 17 South, Range 27 East, in Eddy County, New Mexico. The subject property is owned by the State of New Mexico and administered by the New Mexico State Land Office (NMSLO). The GPS coordinates for the Site are Latitude 32.7895739° N, Longitude -104.2383265° W.

On August 21, 2019, a pipeline rupture occurred on the NGPL Indian Basin Line, causing a release of natural gas, accompanied by a mist of natural gas condensate and used compressor oil liquids. Field reconnaissance indicated the affected area was impacted by fluids sprayed upward during the rupture and carried downwind to the northeast. Produced water or other fluids containing chlorides were not released during this incident, as these fluids are not present in this transmission pipeline. NGPL notified the New Mexico Oil Conservation Division (NMOCD) and NMSLO of the Release on a Release Notification and Corrective Action C-141 form on September 4, 2019. The Release was assigned NMOCD incident number NAB1927162165. During initial response activities, impacted soil from the pipeline right-of-way and the surrounding area was excavated. The Initial Form C-141 completed immediately following the release indicates approximately seventy (70) barrels of fluid was released from the pipeline during the rupture event. As the Release was a mist, no fluids were recovered during initial response activities. Based on analytical data from samples collected by GHD, a designated remediation area measuring approximately 76,500 sq. ft. was established.

A groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) identified two (2) registered water wells in Section 36, Township 17 South, Range 27 East. The closest of these wells is located approximately 2,000 meters (1.25 miles) DIRECTION north-northwest of the Site. No other points of groundwater use were found by a search of the USGS National Water Information System. No water wells, springs, or other sources of freshwater extraction were observed within one thousand (1,000) feet of the Site. No surface water was observed within one thousand (1,000) feet of the Site. The Site is not within a 100-year floodplain or overlying a subsurface mine.

The Indian Basin Pipeline Rupture Site is located in the 'high karst' area as outlined in the Bureau of Land Management (BLM) publicly available Karst Potential Map. Consequently, the most stringent NMOCD Closure Criteria for Soils Impacted by a Release are currently utilized for the Site, despite the inferred depth to groundwater. The criteria are as follows:

- Chloride – 600 mg/kg
- Benzene – 10 mg/kg
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) – 50 mg/kg
- Total Petroleum Hydrocarbons (TPH)– 100 mg/kg



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SOIL REMEDIATION ACTIVITIES AND SITE CLOSURE REQUESTS

GHD provided a Site Characterization and Remediation Plan, dated January 18, 2020 and previously submitted to the NMOCD, which provided lateral and vertical delineation data for the Release area on the behalf of NGPL. Utilizing the soil sample data, the approximately 76,500 square foot designated remediation area was established. The investigation concluded that the impacted soil associated with the Site had been delineated vertically and laterally at all sampled locations, except for an area at the southern end of the designated remediation area. The elevated TPH concentrations in the southern end were later determined to be related to an operating oil well and a former tank battery area presumed to be associated with that well. Specific details related to the oil well were included in previous submittals by NGPL. The initial response actions, initial delineation actions, and determination of the designated remediation area are documented in the January 2020 Site Characterization Report and Remediation Plan submitted by GHD.

The remediation work plan proposed by GHD was accepted by the NMOCD, with the condition that NGPL would be required to analyze confirmation samples for chloride concentrations, and semiannual soil sampling would be required for one year following initial confirmation sampling. Following NMOCD approval of the work plan, an alternative sampling plan was proposed to the NMOCD on 12/17/2020 by NGPL and the new environmental consultant for the site, TRC Environmental Corporation (TRC). The alternative sampling plan indicated samples would be collected on an 800 square foot basis. The NMOCD approved this request via email correspondence on 12/22/2020.

At the time of a January 2021 confirmation soil sampling event TRC field personnel noted a marker for an abandoned oil well (30-015-00658) in the vicinity of sample location SS-16/SS-16A. Specifics related to ownership of this well were included in previous report submittals by NGPL related to this release. Elevated TPH and chloride concentrations at the northern end of the designated remediation area are indicative of an environmental impact by the former surface operator at that location.

On May 25, 2021, NGPL proposed via emailed correspondence to Cristina Eads, the NMOCD case manager, a modification to the site remediation approach by spray application of a MicroBlaze ® solution. The revised remediation approach was approved on June 4, 2021.

The MicroBlaze application occurred in June 2021. On August 26, 2021, confirmation soil samples were collected in accordance with the NMOCD approved sampling frequency of 1 soil sample every 800 square feet of remediated area (82 samples). No soil samples collected during the August 2021 confirmation soil sampling event exhibited benzene or BTEX concentrations above NMOCD regulatory guidelines. Three (3) soil samples exhibited chloride concentrations above NMOCD regulatory guidelines. Each of these sample locations was in the vicinity of a previously identified petroleum production related feature (northern P&A well pad, eastern drainage ditch, and abandoned battery, respectively) and were far from the release point of the



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NGPL pipeline rupture. The three chloride exceedances appear to be associated with other oil and gas operations and not the NGPL pipeline rupture.

Due to a data quality issue related to the TPH analysis from the August 2021 soil sampling event, the same 800 square foot parcels as the August event were resampled for TPH analysis on October 5, 2021. The resampling included a 0-6" composite soil sample and a 1' discrete soil sample at each sample location. Soil samples were submitted for TPH analysis by Method 8015M. Laboratory results indicated that twenty-six (26) soil samples from sixteen (16) sample locations exhibited TPH concentrations above NMOCD regulatory guidelines.

On November 18, 2021, NGPL submitted a *Remediation Summary and Site Closure Request* for NGPL's Indian Basin Pipeline Rupture. The summary documented all remedial actions and requested closure with hydrocarbons left in place at sixteen (16) sample locations. Nine (9) of the sample locations with TPH concentrations above closure criteria were located near the abandoned production well. NMOCD denied the closure request on December 21, 2021, indicating the site had not been fully delineated and NGPL would need to delineate the TPH concentrations in soil which exceed site closure criteria.

To complete the necessary delineation, additional soil sampling was conducted in January 2022. A hand auger boring was advanced at locations CS-1, CS-2, CS-3, CS-4, CS-5, CS-6, CS-7, CS-8, CS-9, CS-11, CS-14, CS-19, CS-22, CS-61, CS-68, CS-69, and CS-70. Each of the borings was sampled at six (6) inch intervals to a depth of four (4) feet bgs, and samples were analyzed to vertically delineate TPH.

On March 18, 2022, NGPL submitted another *Remediation Summary and Site Closure Request* which provided the results of the TPH delineation activities. On April 25, 2022, NGPL received the NMOCD response to the closure request, which stated that because the site is located within a high karst area the most stringent NMOCD regulatory limits are applicable, and soil with TPH concentrations above NMOCD closure criteria had not been remediated. NGPL and TRC met with NMOCD on May 4, 2022 to discuss the denial. During the meeting the NMOCD clarified that the areas associated with the P&A'd well were not NGPL's responsibility and no further action was required in that area (CS-1 through CS-9). However, TPH concentrations exceeding the most stringent NMOCD regulatory guidelines in the locations represented by soil samples CS-11, CS-14, CS-19, CS-61, CS-68, and CS-69 required additional remediation.

On May 25, 2022, NGPL proposed remedial excavation of affected soils to 1.5 feet bgs in the areas representative of CS-11, CS-14, and CS-68, 2 feet bgs in the area representative of CS-69, 3 feet bgs in the area representative of CS-19, and 3.5 feet bgs in the area representative of CS-61. One (1) five-point composite soil sample collected from the base of each excavated area was proposed to confirm the removal of affected soil. Following receipt of analytical results, the excavation was to be backfilled to grade with locally sourced non-impacted material. The NMOCD approved this proposed remediation plan via email on May 25, 2022.



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On July 5th, 2022, remedial excavation began. The outside boundaries of each excavation area were cleared to depths 1 foot below the maximum anticipated excavation depth utilizing a hydrovac to identify any locations with unidentified or unmarked infrastructure. The only unidentified infrastructure identified during clearance activities was an electrical conduit running north-south through the area representative of CS-19. Following hydroexcavation, the areas were mechanically excavated to the maximum extent practicable around the identified infrastructure. The areas representative of CS-11, CS-14, and CS-68 were excavated to a depth of approximately 1.5 ft. bgs, the area representative of CS-69 to approximately 2 ft. bgs, the area representative of CS-19 to approximately 3 ft. bgs, and the area representative of CS-61 to 3.5' bgs. Excavated soil was staged on a plastic bermed liner (for runoff prevention) pending disposition to Lea Lands disposal facility. **Figure 1** depicts the areas excavated and the encountered unidentified line. **Appendix A** depicts photographic documentation of the July 2022 remediation activities.

One (1) five-point composite soil sample was collected from the base of each excavated area. Soil samples were submitted to Eurofins Xenco in Midland, TX for TPH analysis by Method 8015M. Analytical results indicated each submitted soil sample was below NMOCD regulatory guidelines. **Figure 1** depicts the confirmation sample locations. **Table 1** depicts all confirmation soil sample data from each delineation and remediation event overseen by TRC. **Appendix B** provides the laboratory analytical report from the excavation confirmation samples collected in July 2022. Following receipt of the analytical results, approximately 500 cubic yards of excavated soil was transported to Lea Lands (**Appendix C**). The excavations were backfilled to grade with locally sourced non-impacted soil. Remedial activities concluded on July 15, 2022.

REQUEST FOR CLOSURE

Benzene and Total BTEX concentrations in soil were shown to be below NMOCD regulatory guidelines by the August 26, 2021 soil sampling event.

In the May 4, 2022 meeting with the NMOCD, the NMOCD requested NGPL remediate remaining TPH concentration in six (6) 800- square foot areas in the modified proposed remediation area.

In response, the remaining locations exhibiting TPH concentrations above NMOCD regulatory guidelines (locations CS-11, CS-14, CS-19, CS-61, CS-68, and CS-69) were excavated to the maximum extent practicable to remove TPH concentrations above NMOCD regulatory guidelines. The removal of affected soil was confirmed by a five-point composite soil sample at the base of each excavation, each of which exhibited TPH concentrations below NMOCD regulatory guidelines.

Based on the above rationale, Natural Gas Pipeline Company of America LLC (NGPL), requests regulatory site closure be granted by NMOCD for the NGPL Indian Basin Pipeline Rupture Site (the Site). The associated Form C-141 is provided as **Appendix D**. **Appendix E** includes email correspondences between NGPL/TRC and the NMOCD for reference.



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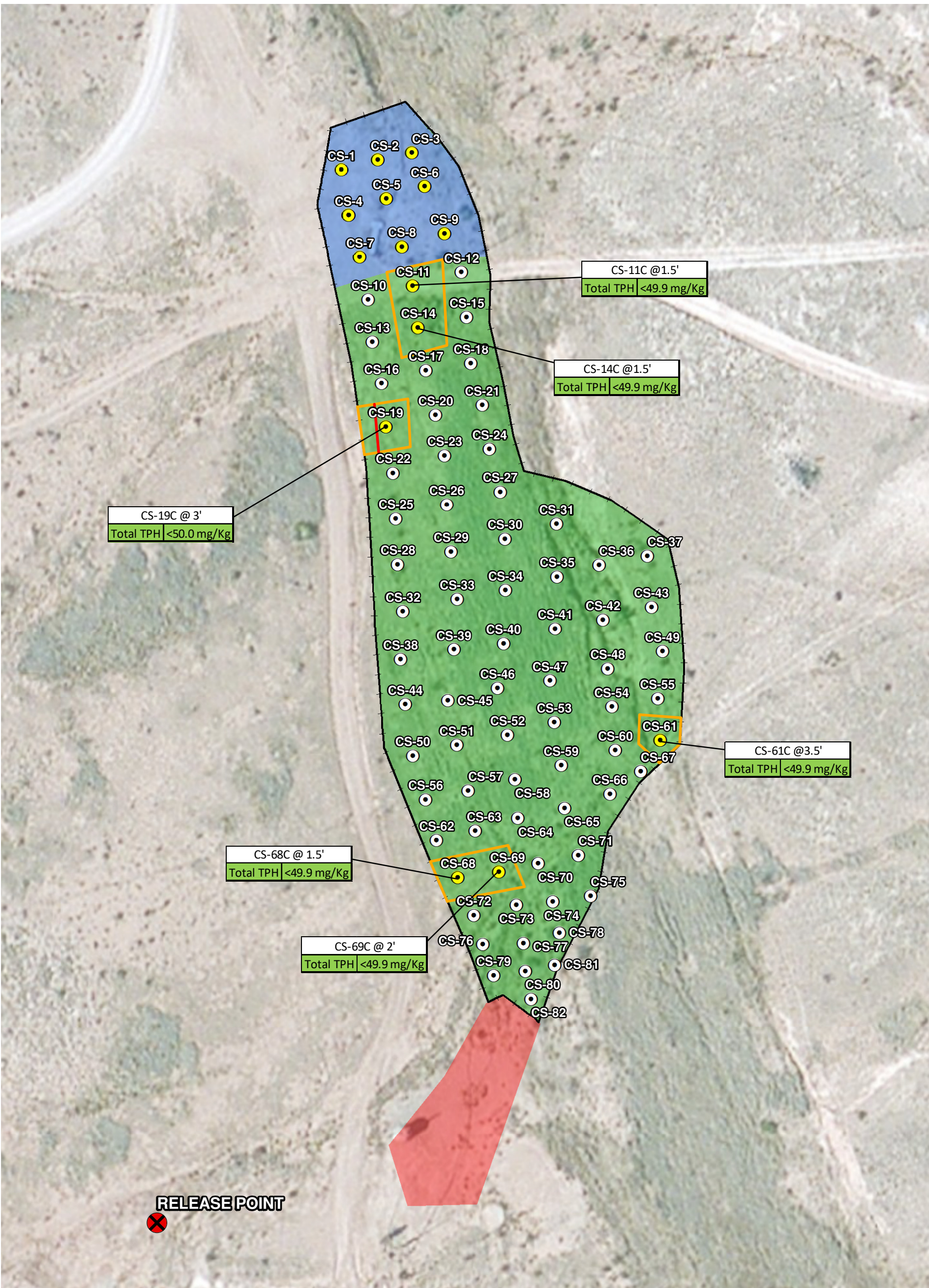
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LIMITATIONS

TRC has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report submitted by GHD and has relied on the written statements contained therein. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Natural Gas Pipeline Company of America LLC. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Natural Gas Pipeline Company of America LLC.



LEGEND

RELEASE POINT

SAMPLE LOCATION VERTICALLY DELINEATED FOR TPH CONCENTRATIONS

SAMPLE LOCATIONS WITH TPH CONCENTRATIONS ABOVE NMOCD CLOSURE CRITERIA

AREA OF MICROBLAZE APPLICATION

PIPELINE RELEASE REMEDIATION AREA

HISTORICAL IMPACTS RELATED TO FORMER TANK BATTERY AND PUMPJACK (API #: 30-015-01217)

AREA ASSOCIATED WITH P&A WELL

EXCAVATED AREA

UNMARKED ELECTRICAL CONDUIT

BASEMAP SOURCE: ESRI WORLD IMAGERY.

03060

1" = 60'

1:720

FEET

| | | | | |
|--|----------|--|--------------|-------------------------------|
| <div></div> <div>505 E. HUNTLAND DR. SUITE 250 AUSTIN, TX 78752 (512) 329-6080</div> | PROJECT: | KINDER MORGAN INDIAN BASIN PIPELINE RUPTURE ARTESIA, EDDY COUNTY, NEW MEXICO | DRAWN BY: | MJAGOE |
| | TITLE: | JULY 2022 EXCAVATION AND CONFIRMATION SAMPLE LOCATION MAP | CHECKED BY: | |
| | | | APPROVED BY: | |
| | | | DATE: | JULY 2022 |
| | | | PROJ. NO.: | 410703 |
| | | | FILE: | 410703_0001_Fig_1_July_22.mxd |
| | | | | FIGURE 1 |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-1 @ 0-1' | 08/26/2021 | <0.00106 | <0.00528 | <0.00106 | <0.00211 | <0.00106 | <0.00211 | <0.00106 | <10.6 | 299 | 1800 | 2099 | 120 |
| CS-1A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 156 | <49.9 | 156 | -- |
| CS-1A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 238 | <49.8 | 238 | -- |
| CS-1B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 77.2 | <49.9 | 77.2 | -- |
| Duplicate-1 (CS-1B @ 0-6") | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 55 | <50.0 | 55 | -- |
| CS-1B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 101 | <49.9 | 101 | -- |
| Duplicate-2 (CS-1B @ 1') | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 126 *+ | <50.0 | 126 | -- |
| CS-1B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 225 | <50.0 | 225 | -- |
| CS-1B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 202 *+ | <49.9 | 202 | -- |
| CS-1B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 138 | <50.0 | 138 | -- |
| CS-1B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-2 @ 0-1' | 08/26/2021 | <0.00118 | <0.00588 | <0.00118 | <0.00235 | <0.00118 | <0.00235 | <0.00118 | <11.8 | 303 | 1810 | 2113 | 34.8 |
| CS-2A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 189 | <49.9 | 189 | -- |
| CS-2A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 340 | <49.8 | 340 | -- |
| CS-2B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 115 | <50.0 | 115 | -- |
| Duplicate-3 (CS-2B @ 0-6") | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 64.1 | <50.0 | 64.1 | -- |
| CS-2B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 183 | <49.9 | 183 | -- |
| Duplicate-4 (CS-2B @ 1') | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 121 | <50.0 | 121 | -- |
| CS-2B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 173 | <50.0 | 173 | -- |
| CS-2B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 133 *+ | <50.0 | 133 | -- |
| CS-2B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 128 | <49.9 | 128 | -- |
| CS-2B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 61.8 | <50.0 | 61.8 | -- |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-3 @ 0-1' | 08/26/2021 | <0.00108 | <0.00539 | <0.00108 | <0.00216 | <0.00108 | <0.00216 | <0.00108 | <10.7 | 35.2 | 177 | 212.2 | 24.2 |
| CS-3A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 66.7 | <49.9 | 66.7 | -- |
| CS-3A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 235 | <50.0 | 235 | -- |
| CS-3B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 91.1 | <49.9 | 91.1 | -- |
| Duplicate-5 (CS-3B @ 0-6") | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-3B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 78.6 | <50.0 | 78.6 | -- |
| CS-3B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 555 | <50.0 | 555 | -- |
| CS-3B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 282 *+ | <50.0 | 282 | -- |
| CS-3B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 127 | <50.0 | 127 | -- |
| CS-3B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 146 | <50.0 | 146 | -- |
| CS-3B @ 3.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 108 | <49.9 | 108 | -- |
| CS-3B @ 4' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 80.3 | <49.9 | 80.3 | -- |
| CS-4 @ 0-1' | 08/26/2021 | <0.00112 | <0.00559 | <0.00112 | <0.00224 | <0.00112 | <0.00224 | <0.00112 | <11.1 | 827 | 2690 | 3517 | 1010 |
| CS-4A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 2230 | <50.0 | 2230 | -- |
| CS-4A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 356 | <49.8 | 356 | -- |
| CS-4B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 1340 | <49.9 | 1340 | -- |
| Duplicate-7 (CS-4B @ 0-6") | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 1910 | <49.9 | 1910 | -- |
| CS-4B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 1010 | <50.0 | 1010 | -- |
| CS-4B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 110 | <50.0 | 110 | -- |
| CS-4B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 *+ | <49.9 | <49.9 | -- |

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NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-5 @ 0-1' | 08/26/2021 | <0.00107 | <0.00533 | <0.00107 | <0.00213 | <0.00107 | <0.00213 | <0.00107 | <10.6 | 223 | 1260 | 1483 | 541 |
| Duplicate-1 (CS-5 @ 0-1') | 08/26/2021 | <0.00107 | <0.00534 | <0.00107 | <0.00214 | <0.00107 | <0.00214 | <0.00107 | <10.6 | 236 | 748 | 984 | 485 |
| CS-5A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 1110 | <49.9 | 1110 | -- |
| CS-5A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 859 | <49.8 | 859 | -- |
| CS-5B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 210 | <49.9 | 210 | -- |
| Duplicate-9 (CS-5B @ 0-6") | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 137 | <50.0 | 137 | -- |
| CS-5B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 633 | <50.0 | 633 | -- |
| CS-5B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 7970 | <50.0 | 7970 | -- |
| CS-5B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <500 | 10,400 *+ | <500 | 10400 | -- |
| CS-5B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <250 | 4340 | <250 | 4340 | -- |
| CS-5B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 146 | <49.9 | 146 | -- |
| CS-5B @ 3.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-6 @ 0-1' | 08/26/2021 | <0.00110 | <0.00549 | <0.00110 | <0.00220 | <0.00110 | <0.00220 | <0.00110 | <10.9 | 548 | 2270 | 2818 | 87.5 |
| CS-6A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 261 | <49.9 | 261 | -- |
| CS-6A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 515 | <50.0 | 515 | -- |
| CS-6B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 498 | <49.9 | 498 | -- |
| CS-6B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 569 | <50.0 | 569 | -- |
| CS-6B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 533 | <50.0 | 533 | -- |
| CS-6B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 77.5 *+ | <49.9 | 77.5 | -- |
| CS-7 @ 0-1' | 08/26/2021 | <0.00109 | <0.00547 | <0.00109 | <0.00219 | <0.00109 | <0.00219 | <0.00109 | <10.9 | 54.2 | 185 | 239.2 | 23.8 |
| CS-7A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 140 | <49.9 | 140 | -- |
| CS-7A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 102 | <49.8 | 102 | -- |
| CS-7B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 357 | <50.0 | 357 | -- |
| CS-7B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 169 | <50.0 | 169 | -- |
| CS-7B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-8 @ 0-1' | 08/26/2021 | <0.00107 | <0.00533 | <0.00107 | <0.00213 | <0.00107 | <0.00213 | <0.00107 | <10.6 | 608 | 2170 | 2778 | 129 |
| CS-8A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 428 | <50.0 | 428 | -- |
| CS-8A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 650 | <49.9 | 650 | -- |
| CS-8B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 93.9 | <49.9 | 93.9 | -- |
| CS-8B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 74.3 | <50.0 | 74.3 | -- |
| CS-8B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6- C10 | Diesel Range Organics (DRO) (C10- C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|--|------------|----------|----------|--------------|-------------|----------|----------------|------------|---|--|-----------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-9 @ 0-1' | 08/26/2021 | <0.00112 | <0.00560 | <0.00112 | <0.00224 | <0.00112 | <0.00224 | <0.00112 | <11.0 | 481 | 1880 | 2361 | 179 |
| CS-9A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 226 | <49.8 | 226 | -- |
| CS-9A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 279 | <49.8 | 279 | -- |
| CS-9B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 446 | 222 | 668 | -- |
| CS-9B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 272 | 148 | 420 | -- |
| CS-9B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 260 | 138 | 398 | -- |
| CS-9B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 65.3 *+ | <50.0 | 65.3 | -- |
| CS-10 @ 0-1' | 08/26/2021 | <0.00134 | <0.00668 | <0.00134 | <0.00267 | <0.00134 | <0.00267 | <0.00134 | <13.2 | <8.86 | <8.86 | <13.2 | 263 |
| CS-10A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| Duplicate-6 (CS-10A@ 0-6") | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-10A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-11 @ 0-1' | 08/26/2021 | <0.00113 | <0.00567 | <0.00113 | <0.00227 | <0.00113 | <0.00227 | <0.00113 | <11.2 | 377 | 1590 | 1967 | 358 |
| CS-11A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 268 | 115 | 383 | -- |
| CS-11A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 77.5 | <49.8 | 77.5 | -- |
| CS-11B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 153 | 75.1 | 228 | -- |
| CS-11B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 101 | <50.0 | 101 | -- |
| CS-11B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 66.7 | <49.9 | 66.7 | -- |
| CS-11C @ 1.5' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-12 @ 0-1' | 08/26/2021 | 0.00121 | <0.00535 | <0.00107 | 0.0022 | <0.00107 | 0.0022 | 0.00341 | <10.7 | 29.9 | 192 | 221.9 | 17.4 |
| Duplicate-2 (CS-12 @ 0-1') | 08/26/2021 | <0.00106 | <0.00532 | <0.00106 | <0.00213 | <0.00106 | <0.00213 | <0.00106 | <10.7 | 56.5 | 395 | 451.5 | 76.2 |
| CS-12A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 69.4 | <49.9 | 69.4 | -- |
| CS-12A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-13 @ 0-1' | 08/26/2021 | <0.00104 | <0.00522 | <0.00104 | 0.00234 | <0.00104 | 0.00234 | 0.00234 | <10.4 | <7.02 | 10.3 | 10.3 | 29.8 |
| CS-13A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-13A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |

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| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-14 @ 0-1' | 08/26/2021 | 0.00127 | <0.00529 | <0.00106 | 0.00218 | <0.00106 | 0.00218 | 0.00345 | <10.6 | 234 | 680 | 914 | 248 |
| CS-14A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 411 | 151 | 562 | -- |
| CS-14A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 159 | 54 | 213 | -- |
| CS-14B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 122 | 75.4 | 197 | -- |
| CS-14B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 187 | 86.2 | 273 | -- |
| CS-14B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 61.9 | <49.9 | 61.9 | -- |
| CS-14C @ 1.5' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-15 @ 0-1' | 08/26/2021 | <0.00108 | <0.00541 | <0.00108 | <0.00217 | <0.00108 | <0.00217 | <0.00108 | <10.8 | 72.1 | 225 | 297 | 22.5 |
| CS-15A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-15A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-16 @ 0-1' | 08/26/2021 | <0.00105 | <0.00526 | <0.00105 | <0.00210 | <0.00105 | <0.00210 | <0.00105 | <10.6 | <7.08 | 16.1 | 16.1 | 89.5 |
| CS-16A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-16A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-17 @ 0-1' | 08/26/2021 | 0.00329 | 0.00655 | <0.00112 | 0.00297 | 0.00128 | 0.00425 | 0.01409 | <11.2 | 12.7 | 53.4 | 66.1 | <11.2 |
| CS-17A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-17A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-18 @ 0-1' | 08/26/2021 | <0.00115 | <0.00577 | <0.00115 | <0.00231 | <0.00115 | <0.00231 | <0.00115 | <11.5 | 32.3 | 165 | 197 | 82.5 |
| CS-18A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 66.1 | <49.9 | 66.1 | -- |
| CS-18A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-19 @ 0-1' | 08/26/2021 | <0.00108 | <0.00541 | <0.00108 | <0.00217 | <0.00108 | <0.00217 | <0.00108 | <107 | <7.17 | 12.7 | 12.7 | 52.8 |
| CS-19A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 121 | <49.8 | 121 | -- |
| CS-19A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 164 | 57.5 | 222 | -- |
| CS-19B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 242 | 95.2 | 337 | -- |
| CS-19B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 181 | 66 | 247 | -- |
| CS-19B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 269 | 108 | 377 | -- |
| CS-19B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <250 | 1180 *+ | <250 | 1180 | -- |
| CS-19B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 175 | <49.9 | 175 | -- |
| CS-19B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 95.9 | <50.0 | 95.9 | -- |
| CS-19C @ 3' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-20 @ 0-1' | 08/26/2021 | 0.00121 | <0.00538 | <0.00108 | <0.00215 | <0.00108 | <0.00215 | 0.00121 | <10.8 | 12.1 | 42 | 54.1 | 19.1 |
| CS-20A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-20A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| Duplicate-7 (CS-20A@ 1') | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |

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| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-21 @ 0-1' | 08/26/2021 | 0.00345 | 0.0156 | 0.00371 | 0.0132 | 0.0052 | 0.0184 | 0.04116 | <11.6 | 33.2 | 245 | 278 | 416 |
| CS-21A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-21A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-22 @ 0-1' | 08/26/2021 | 0.00343 | 0.007 | <0.00109 | 0.00297 | 0.00117 | 0.00414 | 0.01457 | <10.8 | <7.16 | 19.7 | 19.7 | 187 |
| CS-22A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 476 | <49.9 | 476 | -- |
| CS-22A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 63.3 | <50.0 | 63.3 | -- |
| CS-22B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 82.2 | <50.0 | 82.2 | -- |
| CS-22B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 57.1 | <50.0 | 57.1 | -- |
| CS-23 @ 0-1' | 08/26/2021 | 0.00281 | 0.00649 | <0.00107 | 0.00282 | 0.0011 | 0.00392 | 0.01322 | <10.6 | <7.10 | 13.4 | 13.4 | 81.5 |
| Duplicate-3 (CS-23 @ 0-1') | 08/26/2021 | <0.00114 | <0.00568 | <0.00114 | <0.00227 | <0.00114 | <0.00227 | <0.00114 | <11.1 | <7.49 | 10.1 | 10.1 | 74.4 |
| CS-23A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-23A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-24 @ 0-1' | 08/26/2021 | 0.00469 | 0.0103 | 0.0013 | 0.00409 | 0.00157 | 0.00566 | 0.02195 | <12.4 | 42.3 | 307 | 349 | 95.2 |
| CS-24A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-24A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-25@ 0-1' | 08/26/2021 | 0.00283 | 0.00629 | <0.00105 | 0.00282 | 0.00107 | 0.00389 | 0.01301 | <10.6 | <7.05 | 21.3 | 21.3 | 84.2 |
| CS-25A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-25A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-26 @ 0-1' | 08/26/2021 | 0.00353 | 0.00719 | <0.00105 | 0.00313 | 0.00117 | 0.0043 | 0.01502 | <10.5 | 12.2 | 40 | 52.2 | 70.2 |
| CS-26A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-26A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-27 @ 0-1' | 08/26/2021 | 0.003 | 0.00742 | <0.00111 | 0.00297 | <0.00111 | 0.00297 | 0.01339 | <11.0 | <7.39 | 21.5 | 21.5 | 243 |
| CS-27A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-27A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-28 @ 0-1' | 08/26/2021 | 0.00412 | 0.00802 | 0.00106 | 0.00356 | 0.00137 | 0.00493 | 0.01813 | <10.4 | 67.3 | 159 | 226 | 71.1 |
| CS-28A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-28A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-29 @ 0-1' | 08/26/2021 | 0.00143 | 0.00664 | 0.00155 | 0.00517 | 0.00218 | 0.00735 | 0.01697 | <10.6 | 39.6 | 106 | 146 | 77.9 |
| CS-29A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-29A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

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|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-30 @ 0-1' | 08/26/2021 | 0.00388 | 0.00832 | <0.00111 | 0.00316 | 0.00114 | 0.0043 | 0.0165 | <11.1 | 18.6 | 46.5 | 65.1 | 357 |
| CS-30A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| Duplicate-8 (CS-30A@ 0-6") | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-30A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-31 @ 0-1' | 08/26/2021 | 0.00475 | 0.00989 | 0.00113 | 0.00354 | 0.00134 | 0.00488 | 0.02065 | <10.8 | 42.7 | 393 | 436 | 13.3 |
| CS-31A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-31A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-32 @ 0-1' | 08/26/2021 | 0.00507 | 0.0132 | 0.00172 | 0.00585 | 0.00202 | 0.00787 | 0.02786 | <10.4 | <6.97 | 27.7 | 27.7 | 32.6 |
| CS-32A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-32A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-33 @ 0-1' | 08/26/2021 | <0.00106 | <0.00529 | <0.00106 | <0.00212 | <0.00106 | <0.00212 | <0.00106 | <10.5 | <7.09 | 34.6 | 34.6 | 27.3 |
| CS-33A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-33A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-34 @ 0-1' | 08/26/2021 | <0.00109 | <0.00545 | <0.00109 | <0.00218 | <0.00109 | <0.00218 | <0.00109 | <10.9 | 9.52 | 43.3 | 52.8 | 46.6 |
| Duplicate-4 (CS-34 @ 0-1') | 08/26/2021 | <0.00107 | <0.00537 | <0.00107 | <0.00215 | <0.00107 | <0.00215 | <0.00107 | <10.7 | 12.2 | 51.3 | 63.5 | 91.2 |
| CS-34A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-34A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-35 @ 0-1' | 08/26/2021 | 0.00368 | 0.00767 | 0.00142 | 0.00468 | 0.00184 | 0.00652 | 0.01929 | <11.5 | 9.28 | 57.7 | 67.0 | 140 |
| CS-35A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-35A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-36 @ 0-1' | 08/26/2021 | 0.00605 | 0.0137 | 0.0018 | 0.00599 | 0.00219 | 0.00818 | 0.02973 | <11.4 | <7.66 | 9.33 | 9.33 | 447 |
| CS-36A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-36A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-37 @ 0-1' | 08/26/2021 | <0.00119 | <0.00594 | <0.00119 | <0.00238 | <0.00119 | <0.00238 | <0.00119 | <11.9 | <8.00 | 10.6 | 10.6 | 76.1 |
| CS-37A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-37A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-38 @ 0-1' | 08/26/2021 | 0.00225 | <0.00521 | <0.00104 | 0.00235 | <0.00104 | 0.00235 | 0.0046 | <10.4 | 30.5 | 169 | 200 | 121 |
| CS-38A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-38A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |

Table 1 - Summary of Sampling Analytical Results
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NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-39 @ 0-1' | 08/26/2021 | <0.00107 | <0.00536 | <0.00107 | 0.00259 | 0.00132 | 0.00391 | 0.00391 | <10.6 | <7.12 | 37 | 37.0 | 121 |
| CS-39A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-39A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-40 @ 0-1' | 08/26/2021 | 0.00296 | 0.0095 | 0.00141 | 0.00451 | 0.00163 | 0.00614 | 0.02001 | <11.1 | <7.37 | 28.3F1 | 28.3 | 129 |
| CS-40A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-40A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| Duplicate-9 (CS-40A@ 1') | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-41 @ 0-1' | 08/26/2021 | <0.00115 | <0.00574 | <0.00115 | <0.00230 | <0.00115 | <0.00230 | <0.00115 | <11.4 | <7.66 | 39.2*- *1 | 39.2 | 264 |
| CS-41 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | <7.66 | 24.5H | 24.5 | -- |
| CS-41A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-41A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-42 @ 0-1' | 08/26/2021 | <0.00121 | <0.00604 | <0.00121 | <0.00241 | <0.00121 | <0.00241 | <0.00121 | <12.0 | <8.04 | <8.04 | <12.0 | <12.1 |
| CS-42 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | <8.03H | <8.03H | <12.0 | -- |
| CS-42A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-42A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-43 @ 0-1' | 08/26/2021 | 0.00241 | 0.00731 | <0.00122 | 0.00351 | 0.00132 | 0.00483 | 0.01455 | <12.2 | <8.15 | 21.1*- *1 | 21.1 | <12.3 |
| CS-43 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | <8.16 | 17.9H | 17.9 | -- |
| CS-43A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-43A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-44 @ 0-1' | 08/26/2021 | 0.00551 | 0.0147 | 0.00194 | 0.00653 | 0.00234 | 0.00887 | 0.03102 | <10.6 | 12.4*- | 101*- *1 | 113 | 31.2 |
| CS-44 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 7.16H | 47.4 | 54.6 | -- |
| CS-44A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-44A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-45 @ 0-1' | 08/26/2021 | 0.00553 | 0.0153 | 0.00237 | 0.00803 | 0.00297 | 0.011 | 0.0342 | <11.4 | 55.1*- | 181*- *1 | 236 | <11.3 |
| CS-45 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 102 H | 260H | 362 | -- |
| CS-45A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-45A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-46 @ 0-1' | 08/26/2021 | 0.00189 | 0.012 | 0.00239 | 0.00786 | 0.00309 | 0.011 | 0.02728 | <10.7 | 18.3*- | 126*- *1 | 144 | 63 |
| CS-46 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | <35.8 | 256H | 256 | -- |
| CS-46A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-46A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

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| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6- C10 | Diesel Range Organics (DRO) (C10- C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|--|------------|----------|----------|--------------|-------------|----------|----------------|------------|---|--|-----------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-47 @ 0-1' | 08/26/2021 | 0.00228 | 0.0124 | 0.00248 | 0.0085 | 0.00323 | 0.0117 | 0.02886 | <11.0 | 15.5*- | 92.0*- *1 | 108 | 53.1 |
| CS-47 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 12.8H | 93.0H | 106 | -- |
| CS-47A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-47A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-48 @ 0-1' | 08/26/2021 | 0.00247 | 0.00918 | 0.00135 | 0.00476 | 0.00165 | 0.00641 | 0.01941 | <10.7 | 187*- | 493*- | 680 | 16.7 |
| CS-48 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 123H | 517H | 640 | -- |
| Duplicate-5 (CS-48 @ 0-1') | 08/26/2021 | <0.00106 | <0.00530 | <0.00106 | <0.00212 | <0.00106 | <0.00212 | <0.00106 | <10.7 | 121F1 | 427 | 548 | 68.9 |
| CS-48A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 52.9 | <50.0 | 52.9 | -- |
| CS-48A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-49 @ 0-1' | 08/26/2021 | 0.00177 | <0.00558 | <0.00112 | 0.00296 | <0.00112 | 0.00296 | 0.00473 | <11.2 | <7.45 | 24.6*- *1 | 24.6 | <11.1 |
| CS-49 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 8.68H | 28.9H | 37.6 | -- |
| CS-49A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-49A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-50 @ 0-1' | 08/26/2021 | 0.00138 | <0.00514 | <0.00103 | <0.00206 | <0.00103 | <0.00206 | 0.00138 | <10.3 | 91.0*- | 218*- | 309 | 24.8 |
| CS-50 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 22.2H | 72.6H | 94.8 | -- |
| CS-50A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 77.7 | <49.8 | 77.7 | -- |
| Duplicate-1 (CS-50A@ 0-6") | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-50A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-51 @ 0-1' | 08/26/2021 | 0.00593 | 0.017 | 0.00255 | 0.00805 | 0.0027 | 0.0108 | 0.03628 | <10.4 | 17.0*- | 79.4*- *1 | 96.4 | 46.6 |
| CS-51 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 7.24 H | 36.1H | 43.3 | -- |
| CS-51A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-51A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-52 @ 0-1' | 08/26/2021 | 0.00346 | 0.0122 | 0.00201 | 0.0061 | 0.00214 | 0.00824 | 0.02591 | <10.5 | 41.1*- | 162*- *1 | 203 | <10.5 |
| CS-52 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 30.2H | 122H | 152 | -- |
| CS-52A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-52A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-53 @ 0-1' | 08/26/2021 | <0.00145 | <0.00723 | <0.00145 | <0.00289 | <0.00145 | <0.00289 | <0.00145 | <14.5 | <9.71 | 52.1*- *1 | 52.1 | 21.5 |
| CS-53 @ 0-1' Re-run | | - | - | - | - | - | - | - | - | <19.4H | 37.9H | 37.9 | - |
| CS-53A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-53A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

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| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6- C10 | Diesel Range Organics (DRO) (C10- C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|--|------------|----------|----------|--------------|-------------|----------|----------------|------------|---|--|-----------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-54 @ 0-1' | 08/26/2021 | <0.00115 | <0.00574 | <0.00115 | <0.00230 | <0.00115 | <0.00230 | <0.00115 | <11.5 | <7.71 | <7.71 | <11.5 | <11.7 |
| CS-54 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | <7.71H | <7.71H | <11.5 | -- |
| CS-54A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-54A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-55 @ 0-1' | 08/26/2021 | 0.00228 | 0.00817 | 0.0014 | 0.00469 | 0.00182 | 0.00651 | 0.01836 | <10.7 | 20.3*- | 132*- *1 | 152 | 994 |
| CS-55 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 18.5H | 104H | 123 | -- |
| CS-55A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-55A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-56 @ 0-1' | 08/26/2021 | 0.00425 | 0.0103 | 0.00146 | 0.00443 | 0.00167 | 0.0061 | 0.02211 | <10.4 | 21.3*- | 66.2*- *1 | 87.5 | 27.7 |
| CS-56 @ 0-1' Re-run | | - | - | - | - | - | - | - | - | 26.6H | 143H | 170 | - |
| CS-56A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-56A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-57 @ 0-1' | 08/26/2021 | 0.00983 | 0.0255 | 0.00335 | 0.0116 | 0.00395 | 0.0156 | 0.05428 | <10.5 | 15.7*- | 108*- *1 | 124 | 152 |
| CS-57 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 12.0H | 59.6H | 71.6 | -- |
| CS-57A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-57A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-58 @ 0-1' | 08/26/2021 | 0.00192 | <0.00527 | <0.00105 | 0.00225 | <0.00105 | 0.00225 | 0.00417 | <10.5 | 38.9*- | 158*- *1 | 197 | 13.8 |
| CS-58 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 69.8H | 202H | -- | -- |
| CS-58A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-58A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-59 @ 0-1' | 08/26/2021 | <0.0263 | <0.132 | <0.0263 | <0.0527 | <0.0263 | <0.0527 | <0.0263 | <10.6 | 23.5*- | 169*- *1 | 193 | 29.2 |
| CS-59 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 10.5H | 30.8H | 41.3 | -- |
| CS-59A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-59A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-60 @ 0-1' | 08/26/2021 | 0.00645 | 0.0157 | 0.00213 | 0.00666 | 0.00241 | 0.00907 | 0.03335 | <10.5 | 49.3F1 *- | 279*- | 328 | 11.6 |
| CS-60 @ 0-1' Re-run | | -- | -- | -- | -- | -- | -- | -- | -- | 20.2H | 118H | 138 | -- |
| CS-60A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-60A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| Duplicate-2 (CS-60A@ 1') | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

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| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|---------|---------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-61 @ 0-1' | 08/26/2021 | 0.00708 | 0.0368 | 0.00581 | 0.0202 | 0.00714 | 0.0273 | 0.07699 | <10.9 | 149 | 578 | 727 | <11.0 |
| CS-61A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 267 | 93 | 360 | -- |
| CS-61A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-61B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 234 | 94.6 | 329 | -- |
| CS-61B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 273 | 114 | 387 | -- |
| CS-61B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 124 *+ | <49.9 | 124 | -- |
| CS-61B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 103 | <49.9 | 103 | -- |
| CS-61B @ 2.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 115 | <49.8 | 115 | -- |
| CS-61B @ 3' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 102 | <49.9 | 102 | -- |
| CS-61B @ 3.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 59.9 | <50.0 | 59.9 | -- |
| CS-61C @ 3.5' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| Duplicate-1 (CS-61C@ 3.5') | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-62 @ 0-1' | 08/26/2021 | 0.00466 | 0.0108 | 0.00186 | 0.00646 | 0.00249 | 0.00895 | 0.02627 | <13.8 | 190 | 465 | 655 | <14.0 |
| CS-62A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-62A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-63 @ 0-1' | 08/26/2021 | 0.00271 | 0.0101 | 0.00249 | 0.00869 | 0.00361 | 0.0123 | 0.0276 | <13.9 | 39.0 | 120 | 159 | 21.4 |
| CS-63A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-63A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-64 @ 0-1' | 08/26/2021 | 0.00273 | 0.00893 | 0.00191 | 0.00675 | 0.00265 | 0.0094 | 0.02297 | <13.6 | 10.7 | 54.0 | 64.7 | <13.8 |
| CS-64A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-64A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-65 @ 0-1' | 08/26/2021 | 0.00382 | 0.0116 | 0.00235 | 0.00828 | 0.00313 | 0.0114 | 0.02917 | <13.1 | 19.7 | 91.3 | 111 | 15.0 |
| CS-65A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-65A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-66 @ 0-1' | 08/26/2021 | 0.00367 | 0.0104 | 0.00191 | 0.00655 | 0.00259 | 0.00914 | 0.02512 | <12.2 | 864 | 1480 | 2344 | 20.6 |
| CS-66A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-66A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-67 @ 0-1' | 08/26/2021 | 0.00395 | 0.0096 | 0.00178 | 0.00626 | 0.00247 | 0.00873 | 0.02406 | <12.5 | 10.5 | 59.4 | 69.9 | 14.5 |
| CS-67A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-67A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-68 @ 0-1' | 08/26/2021 | <0.00152 | <0.00762 | <0.00152 | <0.00305 | <0.00152 | <0.00305 | <0.00152 | <15.2 | 1130 | 2180 | 3310 | <15.4 |
| CS-68A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 105 | 55.6 | 161 | -- |
| CS-68A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-68B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 1070 | <50.0 | 1070 | -- |
| CS-68B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 485 | <49.9 | 485 | -- |
| CS-68B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 90.7 *+F1 | <49.9 | 90.7 | -- |
| CS-68C @ 1.5' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-69 @ 0-1' | 08/26/2021 | <0.00125 | <0.00627 | <0.00125 | <0.00251 | <0.00125 | <0.00251 | <0.00125 | <12.6 | 464 | 938 | 1402 | 59.5 |
| CS-69A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 186 | 111 | 297 | -- |
| CS-69A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 84.9 | <49.8 | 84.9 | -- |
| CS-69B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 755 | <50.0 | 755 | -- |
| CS-69B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 169 | <49.9 | 169 | -- |
| CS-69B @ 1.5' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 121 | <50.0 | 121 | -- |
| CS-69B @ 2' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-69C @ 2' | 7/6/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-70 @ 0-1' | 08/26/2021 | <0.00128 | <0.00641 | <0.00128 | <0.00257 | <0.00128 | <0.00257 | <0.00128 | <13.0 | 27.1 | 144 | 171 | 18.4 |
| CS-70A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| Duplicate-3 (CS-70A@ 0-6") | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 107 | <49.9 | 107 | -- |
| CS-70A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 52.5 | <50.0 | 52.5 | -- |
| CS-70B @ 0-6" | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-70B @ 1' | 1/25/2022 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-71 @ 0-1' | 08/26/2021 | <0.00112 | <0.00558 | <0.00112 | <0.00223 | <0.00112 | <0.00223 | <0.00112 | <11.2 | 53.5 | 245 | 299 | <11.2 |
| CS-71A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-71A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-72 @ 0-1' | 08/26/2021 | <0.00103 | <0.00514 | <0.00103 | <0.00206 | <0.00103 | <0.00206 | <0.00103 | <10.3 | 769 | 1680 | 2449 | 227 |
| CS-72A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-72A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-73 @ 0-1' | 08/26/2021 | <0.00106 | <0.00531 | <0.00106 | <0.00213 | <0.00106 | <0.00213 | <0.00106 | <10.6 | 566 | 1260 | 1826 | <10.5 |
| CS-73A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-73A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6-C10 | Diesel Range Organics (DRO) (C10-C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|---|------------|----------|----------|--------------|-------------|----------|----------------|------------|--------------------------------------|---------------------------------------|--------------------------|-----------|----------|
| Units | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |
| CS-74 @ 0-1' | 08/26/2021 | <0.00104 | <0.00522 | <0.00104 | <0.00209 | <0.00104 | <0.00209 | <0.00104 | <10.3 | 77.6 | 294 | 372 | 24.5 |
| CS-74A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-74A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-75 @ 0-1' | 08/26/2021 | <0.00112 | <0.00558 | <0.00112 | <0.00223 | <0.00112 | <0.00223 | <0.00112 | <11.0 | 60.6 | 290 | 351 | 505 |
| CS-75A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-75A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-76 @ 0-1' | 08/26/2021 | <0.00122 | <0.00612 | <0.00122 | <0.00245 | <0.00122 | <0.00245 | <0.00122 | <12.1 | 74.5 | 192 | 267 | 12.9 |
| CS-76A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-76A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-77 @ 0-1' | 08/26/2021 | <0.00124 | <0.00621 | <0.00124 | <0.00248 | <0.00124 | <0.00248 | <0.00124 | <12.5 | 208 | 568 | 776 | <12.6 |
| CS-77A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | 60.5 | <49.9 | 60.5 | -- |
| CS-77A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-78 @ 0-1' | 08/26/2021 | <0.00106 | <0.00532 | <0.00106 | <0.00213 | <0.00106 | <0.00213 | <0.00106 | <10.6 | 27.6 | 110 | 138 | 113 |
| CS-78A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 68.8 | <50.0 | 68.8 | -- |
| CS-78A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-79 @ 0-1' | 08/26/2021 | <0.00115 | <0.00574 | <0.00115 | <0.00230 | <0.00115 | <0.00230 | <0.00115 | <11.4 | 1900 | 5890 | 7790 | 95.6 |
| CS-79A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | 81.5 | <49.8 | 81.5 | -- |
| CS-79A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-80 @ 0-1' | 08/26/2021 | <0.00108 | <0.00540 | <0.00108 | <0.00216 | <0.00108 | <0.00216 | <0.00108 | <10.7 | 300 | 1220 | 1520 | 16.3 |
| CS-80A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | <50.0 | <50.0 | <50.0 | -- |
| CS-80A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| Duplicate-4 (CS-80A@ 1') | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 60.4 | <50.0 | 60.4 | -- |
| CS-81 @ 0-1' | 08/26/2021 | <0.00113 | <0.00565 | <0.00113 | <0.00226 | <0.00113 | <0.00226 | <0.00113 | <11.2 | 11.0 | 47.6 | 58.6 | 82.4 |
| CS-81A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |
| CS-81A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| CS-82 @ 0-1' | 08/26/2021 | <0.00106 | <0.00529 | <0.00106 | <0.00212 | <0.00106 | <0.00212 | <0.00106 | <10.6 | 131 | 538 | 669 | 612 |
| CS-82A@ 0-6" | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.9 | <49.9 | <49.9 | <49.9 | -- |
| Duplicate-5 (CS-82A@ 0-6") | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <50.0 | 50.5 | <50.0 | 50.5 | -- |
| CS-82A@ 1' | 10/5/2021 | -- | -- | -- | -- | -- | -- | -- | <49.8 | <49.8 | <49.8 | <49.8 | -- |

Table 1 - Summary of Sampling Analytical Results
Confirmation Soil Sampling
NGPL Indian Basin Pipeline Rupture

| Compound | Benzene | Toluene | Ethylbenzene | m,p-Xylenes | o-Xylene | Xylenes, Total | Total BTEX | Gasoline Range Organics (GRO)-C6- C10 | Diesel Range Organics (DRO) (C10- C28) | Oil Range Organics (ORO) | Total TPH | Chloride |
|--|---------|---------|--------------|-------------|----------|----------------|------------|---|--|-----------------------------|-----------|----------|
| Units | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Most Stringent Regulatory Guidelines | 5 | - | - | - | - | - | 50 | - | - | - | 100 | 600 |
| Regulatory Guidelines for groundwater deeper than 50' bgs | 5 | - | - | - | - | - | 50 | 1,000 | | - | 2,500 | 10,000 |

Notes:

- Soil sample indicates TPH vertical delineation at indicated depth
- Soil sample indicates TPH at the depth of the floor of the excavation is below NMOCD Regulatory Guidelines
- *- LCS and/or LCSD is outside acceptance limits, low biased.
- *+ LCS and/or LCSD is outside acceptance limits, high biased.
- *1 LCS/LCSD RPD exceeds control limits
- F1 MS and/or MSD recovery exceeds control limits
- H Sample was prepped or analyzed beyond the specified holding time
- Data from 8/2021 Sampling Event had QA/QC concerns for TPH data, and samples were recollected for confirmation in 10/2021
- Bold** - Concentration Exceeds Regulatory Guidelines



505 East Huntland Dr.
Suite 250
Austin, TX 78752

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Appendix A: Site Photographic Log – July 2022 Site Activities

KM - Indian Basin Pipeline Rupture

Date: 7/28/22

Photographic Documentation

Photograph No. 1

Date:

7/5/2022

Direction:

Southeast

Description:

View of the excavation in the areas representative of CS-11 and CS-14.



Photograph No. 2

Date:

7/6/2022

Direction:

North

Description:

View of the excavation in the area representative of CS-19.



KM - Indian Basin Pipeline Rupture

Date: 7/28/22

Photographic Documentation

Photograph No. 3

Date:
7/5/2022

Direction:
West

Description:
View of the
excavation in the
area
representative of
CS-61.



Photograph No. 4

Date:
7/6/2022

Direction:
East

Description:
View of the
excavation in the
areas
representative of
CS-68 and CS-69.



KM - Indian Basin Pipeline Rupture

Date: 7/28/22

Photographic Documentation

Photograph No. 5

Date:

7/14/2022

Direction:

East

Description:

View of the areas
representative of
CS-11 and CS-14,
backfilled.



Photograph No. 6

Date:

7/14/2022

Direction:

South

Description:

View of the area
representative of
CS-19, backfilled.



KM - Indian Basin Pipeline Rupture

Date: 7/28/22

Photographic Documentation

Photograph No. 7

Date:

7/15/2022

Direction:

Southwest

Description:

View of the area
representative of
CS-61, backfilled.



Photograph No. 8

Date:

7/14/2022

Direction:

Northeast

Description:

View of the areas
representative of
CS-68 and CS-69,
backfilled.





505 East Huntland Dr.
Suite 250
Austin, TX 78752

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Appendix B: July 2022 Laboratory Analytical Report



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-16646-1

Laboratory Sample Delivery Group: Artesia, NM
Client Project/Site: Indian Basin

For:

TRC Solutions, Inc.
2057 Commerce Drive
Midland, Texas 79703

Attn: Jared Stoffel

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
7/7/2022 4:40:51 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Laboratory Job ID: 880-16646-1
SDG: Artesia, NM

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Qualifiers

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| U | Indicates the analyte was analyzed for but not detected. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Job ID: 880-16646-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-16646-1

Receipt

The samples were received on 7/6/2022 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Client Sample ID: CS-11C @ 1.5'

Date Collected: 07/06/22 07:30

Date Received: 07/06/22 16:25

Sample Depth: 1.5'

Lab Sample ID: 880-16646-1

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 12:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 12:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 12:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 12:48 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 12:48 | 1 |

Client Sample ID: CS-14C @ 1.5'

Date Collected: 07/06/22 07:35

Date Received: 07/06/22 16:25

Sample Depth: 1.5'

Lab Sample ID: 880-16646-3

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 14:16 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 14:16 | 1 |

Client Sample ID: CS-19C @ 3'

Date Collected: 07/06/22 12:00

Date Received: 07/06/22 16:25

Sample Depth: 3'

Lab Sample ID: 880-16646-4

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:39 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 14:39 | 1 |

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Client Sample ID: CS-19C @ 3'

Date Collected: 07/06/22 12:00

Date Received: 07/06/22 16:25

Sample Depth: 3'

Lab Sample ID: 880-16646-4

Matrix: Solid

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 90 | | 70 - 130 | 07/07/22 09:20 | 07/07/22 14:39 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | 07/07/22 09:20 | 07/07/22 14:39 | 1 |

Client Sample ID: CS-61C @ 3.5'

Date Collected: 07/06/22 07:50

Date Received: 07/06/22 16:25

Sample Depth: 3.5'

Lab Sample ID: 880-16646-5

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:01 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:01 | 1 |

Client Sample ID: CS-68C @ 1.5'

Date Collected: 07/06/22 11:00

Date Received: 07/06/22 16:25

Sample Depth: 1.5'

Lab Sample ID: 880-16646-6

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:23 | 1 |
| o-Terphenyl | 95 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:23 | 1 |

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Client Sample ID: CS-69C @ 2'

Lab Sample ID: 880-16646-7

Date Collected: 07/06/22 11:05

Matrix: Solid

Date Received: 07/06/22 16:25

Sample Depth: 2'

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 15:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:45 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 15:45 | 1 |

Client Sample ID: Duplicate-1

Lab Sample ID: 880-16646-8

Date Collected: 07/06/22 00:00

Matrix: Solid

Date Received: 07/06/22 16:25

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 07/07/22 16:27 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 16:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 16:07 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 16:07 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 16:07 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 07/07/22 09:20 | 07/07/22 16:07 | 1 |

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|--|----------|
| Lab Sample ID | Client Sample ID | 1CO1 | OTPH1 |
| | | (70-130) | (70-130) |
| 880-16646-1 | CS-11C @ 1.5' | 90 | 100 |
| 880-16646-1 MS | CS-11C @ 1.5' | 104 | 102 |
| 880-16646-1 MSD | CS-11C @ 1.5' | 109 | 108 |
| 880-16646-3 | CS-14C @ 1.5' | 89 | 99 |
| 880-16646-4 | CS-19C @ 3' | 90 | 100 |
| 880-16646-5 | CS-61C @ 3.5' | 89 | 99 |
| 880-16646-6 | CS-68C @ 1.5' | 87 | 95 |
| 880-16646-7 | CS-69C @ 2' | 90 | 100 |
| 880-16646-8 | Duplicate-1 | 89 | 99 |
| LCS 880-29181/2-A | Lab Control Sample | 101 | 103 |
| LCSD 880-29181/3-A | Lab Control Sample Dup | 100 | 104 |
| MB 880-29181/1-A | Method Blank | 97 | 115 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-29181/1-A

Matrix: Solid

Analysis Batch: 29163

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29181

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 11:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 11:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/07/22 09:20 | 07/07/22 11:43 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 97 | | 70 - 130 | 07/07/22 09:20 | 07/07/22 11:43 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | 07/07/22 09:20 | 07/07/22 11:43 | 1 |

Lab Sample ID: LCS 880-29181/2-A

Matrix: Solid

Analysis Batch: 29163

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29181

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 773.3 | | mg/Kg | | 77 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 986.5 | | mg/Kg | | 99 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------|---------------|---------------|----------|
| 1-Chlorooctane | 101 | | 70 - 130 |
| o-Terphenyl | 103 | | 70 - 130 |

Lab Sample ID: LCSD 880-29181/3-A

Matrix: Solid

Analysis Batch: 29163

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29181

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 767.7 | | mg/Kg | | 77 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1004 | | mg/Kg | | 100 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|----------------|----------------|----------------|----------|
| 1-Chlorooctane | 100 | | 70 - 130 |
| o-Terphenyl | 104 | | 70 - 130 |

Lab Sample ID: 880-16646-1 MS

Matrix: Solid

Analysis Batch: 29163

Client Sample ID: CS-11C @ 1.5'

Prep Type: Total/NA

Prep Batch: 29181

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 996 | 963.7 | | mg/Kg | | 97 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 996 | 967.3 | | mg/Kg | | 95 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-16646-1 MS
Matrix: Solid
Analysis Batch: 29163

Client Sample ID: CS-11C @ 1.5'
Prep Type: Total/NA
Prep Batch: 29181

| | MS | MS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 104 | | 70 - 130 |
| o-Terphenyl | 102 | | 70 - 130 |

Lab Sample ID: 880-16646-1 MSD
Matrix: Solid
Analysis Batch: 29163

Client Sample ID: CS-11C @ 1.5'
Prep Type: Total/NA
Prep Batch: 29181

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 995 | 1073 | | mg/Kg | | 108 | 70 - 130 | 11 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 995 | 1016 | | mg/Kg | | 100 | 70 - 130 | 5 | 20 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 108 | | 70 - 130 | | | | | | | | |

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

GC Semi VOA

Analysis Batch: 29163

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-16646-1 | CS-11C @ 1.5' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-3 | CS-14C @ 1.5' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-4 | CS-19C @ 3' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-5 | CS-61C @ 3.5' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-6 | CS-68C @ 1.5' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-7 | CS-69C @ 2' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-8 | Duplicate-1 | Total/NA | Solid | 8015B NM | 29181 |
| MB 880-29181/1-A | Method Blank | Total/NA | Solid | 8015B NM | 29181 |
| LCS 880-29181/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 29181 |
| LCSD 880-29181/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-1 MS | CS-11C @ 1.5' | Total/NA | Solid | 8015B NM | 29181 |
| 880-16646-1 MSD | CS-11C @ 1.5' | Total/NA | Solid | 8015B NM | 29181 |

Prep Batch: 29181

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-16646-1 | CS-11C @ 1.5' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-3 | CS-14C @ 1.5' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-4 | CS-19C @ 3' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-5 | CS-61C @ 3.5' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-6 | CS-68C @ 1.5' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-7 | CS-69C @ 2' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-8 | Duplicate-1 | Total/NA | Solid | 8015NM Prep | |
| MB 880-29181/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-29181/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-29181/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-16646-1 MS | CS-11C @ 1.5' | Total/NA | Solid | 8015NM Prep | |
| 880-16646-1 MSD | CS-11C @ 1.5' | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 29239

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|---------|------------|
| 880-16646-1 | CS-11C @ 1.5' | Total/NA | Solid | 8015 NM | |
| 880-16646-3 | CS-14C @ 1.5' | Total/NA | Solid | 8015 NM | |
| 880-16646-4 | CS-19C @ 3' | Total/NA | Solid | 8015 NM | |
| 880-16646-5 | CS-61C @ 3.5' | Total/NA | Solid | 8015 NM | |
| 880-16646-6 | CS-68C @ 1.5' | Total/NA | Solid | 8015 NM | |
| 880-16646-7 | CS-69C @ 2' | Total/NA | Solid | 8015 NM | |
| 880-16646-8 | Duplicate-1 | Total/NA | Solid | 8015 NM | |
| 880-16646-1 MS | CS-11C @ 1.5' | Total/NA | Solid | 8015 NM | |
| 880-16646-1 MSD | CS-11C @ 1.5' | Total/NA | Solid | 8015 NM | |

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Client Sample ID: CS-11C @ 1.5'

Date Collected: 07/06/22 07:30

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-1

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 12:48 | AJ | XEN MID |

Client Sample ID: CS-14C @ 1.5'

Date Collected: 07/06/22 07:35

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-3

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 14:16 | AJ | XEN MID |

Client Sample ID: CS-19C @ 3'

Date Collected: 07/06/22 12:00

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-4

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 14:39 | AJ | XEN MID |

Client Sample ID: CS-61C @ 3.5'

Date Collected: 07/06/22 07:50

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-5

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 15:01 | AJ | XEN MID |

Client Sample ID: CS-68C @ 1.5'

Date Collected: 07/06/22 11:00

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-6

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 15:23 | AJ | XEN MID |

Client Sample ID: CS-69C @ 2'

Date Collected: 07/06/22 11:05

Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-7

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Client Sample ID: CS-69C @ 2'
Date Collected: 07/06/22 11:05
Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-7
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 15:45 | AJ | XEN MID |

Client Sample ID: Duplicate-1
Date Collected: 07/06/22 00:00
Date Received: 07/06/22 16:25

Lab Sample ID: 880-16646-8
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 29239 | 07/07/22 16:27 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 29181 | 07/07/22 09:20 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 29163 | 07/07/22 16:07 | AJ | XEN MID |

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|-------------|-----------------------|-----------------|
| Texas | NELAP | T104704400-22-23 | 06-30-23 |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. | | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 8015 NM | | Solid | Total TPH |

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

| Method | Method Description | Protocol | Laboratory |
|-------------|----------------------------------|----------|------------|
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | XEN MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XEN MID |
| 8015NM Prep | Microextraction | SW846 | XEN MID |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Indian Basin

Job ID: 880-16646-1
SDG: Artesia, NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 880-16646-1 | CS-11C @ 1.5' | Solid | 07/06/22 07:30 | 07/06/22 16:25 | 1.5' |
| 880-16646-3 | CS-14C @ 1.5' | Solid | 07/06/22 07:35 | 07/06/22 16:25 | 1.5' |
| 880-16646-4 | CS-19C @ 3' | Solid | 07/06/22 12:00 | 07/06/22 16:25 | 3' |
| 880-16646-5 | CS-61C @ 3.5' | Solid | 07/06/22 07:50 | 07/06/22 16:25 | 3.5' |
| 880-16646-6 | CS-68C @ 1.5' | Solid | 07/06/22 11:00 | 07/06/22 16:25 | 1.5' |
| 880-16646-7 | CS-69C @ 2' | Solid | 07/06/22 11:05 | 07/06/22 16:25 | 2' |
| 880-16646-8 | Duplicate-1 | Solid | 07/06/22 00:00 | 07/06/22 16:25 | |



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (327) 706-3440, San Antonio, TX (210) 509-3354
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 106410

www.xenco.com Page 1 of 1

| | | | |
|-----------------|-----------------------|-------------------------|------------------------------|
| Project Manager | Jared Stattel | Bill to: (if different) | Joe Wiley |
| Company Name | T&C | Company Name | Kinder Morgan |
| Address | 10 Delta Dr. Ste 130E | Address | 1001 Louisiana Street |
| City/State/Zip | Midland, TX 79705 | City/State/Zip | Houston, TX |
| Phone | 432-238-3003 | Email | Jared.Misti@kindermorgan.com |

| | |
|---|--|
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> | |
| State of Project: NM | |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> | Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--------------|---|---|--------------|---|------------------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Project Name | Indian Basin | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | | | | | | | | | | | |
| Project Number | | | | | | | | | | | | | | | | None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC | | | | | | | | | | | |
| Project Location | Artesia, NM | Due Date | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler's Name | Misti Bayant | TAT starts the day received by the lab, if received by 4:30pm | | | | | | | | | | | | | | | | | | | | | | | | | |
| P.O. # | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE RECEIPT | | Temp Blank | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Wet Ice | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | |
| Samples Received Intact: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID | | | | | | | | | | | | | | | | | | | | | | | | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Containers: | | | Corrected Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Matrix | Date Sampled | Time Sampled | Depth | Grab/Comp | # of Cont | | | | | | | | | | | | | | | | | | | | |
| CS-11C @ 1.5' | | SS | 7/6/22 | 0730 | 1.5' | C | 1 | | | | | | | | | | | | | | | | | | | | |
| CS-11C @ 1.5' m/s/d | | | | 0730 | 1.5' | | | | | | | | | | | | | | | | | | | | | | |
| CS-14C @ 1.5' | | | | 0735 | 1.5' | | | | | | | | | | | | | | | | | | | | | | |
| CS-19C @ 3' | | | | 1200 | 3' | | | | | | | | | | | | | | | | | | | | | | |
| CS-61C @ 3.5' | | | | 0750 | 3.5' | | | | | | | | | | | | | | | | | | | | | | |
| CS-68C @ 1.5' | | | | 1100 | 1.5' | | | | | | | | | | | | | | | | | | | | | | |
| CS-69C @ 2' | | | | 1105 | 2' | | | | | | | | | | | | | | | | | | | | | | |
| Duplicate - 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |



880-16646 Chain of Custody

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 Ti 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 Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

| | | | | | |
|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|
| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-16646-1

SDG Number: Artesia, NM

Login Number: 16646**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |



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Austin, TX 78752

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Appendix C: Manifests



505 East Huntland Dr.
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Trailer 151 on 7/13/2022 – 3 loads

| | | | | | | | | | | | | | | |
|---|--|--|---------------------|--|-----------|---|-------------------------------------|----------------------------|-------------------|---------------------|--|--|--|--|
| <h1 style="margin: 0;">LEA LAND DISPOSAL SITE NEW MEXICO</h1> <p style="margin: 0;">MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048</p> | | | | | | | | | | | | | | |
| <h2 style="margin: 0;">LEA LAND, LLC</h2> <p style="margin: 0;">1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257</p> | | | | | | | | | | | | | | |
| Bill to: <u>TBC</u> <u>M MATA</u> | | | | | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST | | | | NO 158194 | | 1. PAGE <u> </u> OF <u> </u> | | 2. TRAILER NO. #151 | | | | | | |
| G E N E R A T O R | 3. COMPANY NAME TECEN/ Natural Gas Pipeline | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | | 5. PICK-UP DATE 7/13/2022 | | | | | | | |
| | PHONE NO. | | | CITY HOUSTON STATE TX ZIP 77002 | | | 6. TNRCC I.D. NO. | | | | | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS No. Type | | 9. TOTAL QUANTITY | | | | | |
| | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 CM | | y | | | | | |
| | b. | | | | | | | | | | | | | |
| | c. | | | | | | | | | | | | | |
| | d. WT: 33540 35760 32600 | | | | | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE T@ 101900 | | | | | | | 13. WASTE PROFILE NO. | | | | | | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | | | | | |
| | NAME | | | PHONE NO | | | 24-HOUR EMERGENCY NO. | | | | | | | |
| JOE ONTIVEROS | | | 575-887-4048 | | | | | | | | | | | |
| 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | | | | | | |
| PRINTED/TYPED NAME | | | | | SIGNATURE | | | | | DATE | | | | |
| CO MAN: Joseph Wiley | | | | | | | | | | | | | | |
| T R A N S P O R T E R S | 16. TRANSPORTER (1) NAME: M MATA TRUCKING, LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: MANUEL MATA EMERGENCY PHONE: (575) 831-3231 | | | | | 17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: | | | | | | | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Manuel A. Mata</u> SIGNATURE <u>[Signature]</u> DATE 7/13/2022 | | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____ | | | | | | | | |
| | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | | | PHONE: 575-887-4048 | | | | | | | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | | | 20. COMMENTS | | | | | | | | |
| D F A S C I O L S I A T L Y | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | | | | | |
| | AUTHORIZED SIGNATURE <u>Brianda Carrillo</u> | | | | | CELL NO. | | DATE 7/13/2022 | | TIME 8:35 | | | | |



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Trailer 03 on 7/13/2022 – 3 loads

| | | | | | | | | | | |
|---|---|--|--|---|--|--------------------|-------------------------------------|----------------------------|----------------------|--|
| LEA LAND DISPOSAL SITE NEW MEXICO | | | | | | | | | | |
| ?58h MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048 | | | | | | | | | | |
| LEA LAND, LLC | | | | | | | | | | |
| Bill to: TRC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 LB | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST | | | | NO 158195 | | 1. PAGE ___ OF ___ | | 2. TRAILER NO. # 03 | | |
| G E N E R A T O R | 3. COMPANY NAME TRC ENV/ Natural Gas Pipeline | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | | 5. PICK-UP DATE 7/13/2022 | | | |
| | PHONE NO. | | | CITY HOUSTON | | | STATE TX | | | |
| | | | | ZIP 77002 | | | 6. TNRCC I.D. NO. | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS No. Type | | 9. TOTAL QUANTITY | |
| | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 CM | | y | |
| R E C E I V E R | b. | | | | | | | | | |
| | c. | | | | | | | | | |
| | d. WT: 34460 39340 34240 | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE | | | | | | 13. WASTE PROFILE NO. | | | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | |
| T R A N S P O R T E R | NAME JOE ONTIVEROS | | | PHONE NO 575-887-4048 | | | 24-HOUR EMERGENCY NO. | | | |
| | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | SIGNATURE | | | | DATE | |
| | 16. TRANSPORTER (1) | | | | 17. TRANSPORTER (2) | | | | | |
| | NAME: M MATA TRUCKING, LLC | | | | NAME: | | | | | |
| D I S P O S I T O R Y | TEXAS I.D. NO. | | | | TEXAS I.D. NO. | | | | | |
| | IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | | | IN CASE OF EMERGENCY CONTACT: | | | | | |
| | EMERGENCY PHONE: (575) 834-3234 | | | | EMERGENCY PHONE: | | | | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | | | |
| | PRINTED/TYPED NAME Luis Reyes | | | | PRINTED/TYPED NAME | | | | | |
| SIGNATURE Luis Reyes DATE 7/13/2022 | | | | SIGNATURE DATE | | | | | | |
| D I S P O S I T O R Y | Lea Land, LLC | | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | PHONE: 575-887-4048 | | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | 20. COMMENTS | | | | | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | |
| | AUTHORIZED SIGNATURE Brianda Carrillo | | | | CELL NO. | | DATE 7/13/2022 | | TIME 8:45 | |
| | | | | | | | | | | |



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Suite 250
Austin, TX 78752

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Trailer 4307 on 7/13/2022 – 3 loads

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Bill to: TBC.

JA

NON-HAZARDOUS WASTE MANIFESTNO **158196**

1. PAGE ___ OF ___

2. TRAILER NO. **#4307**

| | | | | | | |
|--|--|--|---|--------------------|-------------------------------------|----------------------|
| G E N E R A T O R | 3. COMPANY NAME TRC ENV/ Natural Gas Pipeline | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | 5. PICK-UP DATE 7/13/2022 | |
| | PHONE NO. | | CITY HOUSTON | STATE TX | ZIP 77002 | 6. TNRCC I.D. NO. |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | 8. CONTAINERS No. Type | 9. TOTAL QUANTITY |
| | a. Non-Regulated, Non Hazardous Waste | | | | 1 CM | |
| T R A N S P O R T E R S | b. | | | | | |
| | c. | | | | | |
| | d. WT: 30520 30880 35420 | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE 1 @ 108820 | | | | 13. WASTE PROFILE NO. | |
| D I S P O S I T A R Y | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | |
| | NAME JOE ONTIVEROS | | PHONE NO 575-887-4048 | | 24-HOUR EMERGENCY NO. | |
| | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | SIGNATURE | | DATE |
| D I S P O S I T A R Y | 16. TRANSPORTER (1) | | 17. TRANSPORTER (2) | | | |
| | NAME: M MATA TRUCKING, LLC | | NAME: | | | |
| | TEXAS I.D. NO. | | TEXAS I.D. NO. | | | |
| | IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | IN CASE OF EMERGENCY CONTACT: | | | |
| D I S P O S I T A R Y | EMERGENCY PHONE: (575) 631-3231 | | EMERGENCY PHONE: | | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | |
| | PRINTED/TYPED NAME Miguel Cruz | | PRINTED/TYPED NAME | | | |
| | SIGNATURE Miguel Cruz DATE 7/13/2022 | | SIGNATURE DATE | | | |
| D I S P O S I T A R Y | Lea Land, LLC | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | PHONE: 575-887-4048 | |
| | PERMIT NO. WM-01-035 - New Mexico | | 20. COMMENTS | | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | |
| | AUTHORIZED SIGNATURE Brianda Carrillo | | CELL NO. | | DATE 7/13/2022 | TIME 8:55 |

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



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Austin, TX 78752

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Trailer 4162 on 7/13/2022 – 3 loads

| | | | | | | | | | | |
|--|---|--|--|---|---|--------------------|---|-----------------------------|---------------------|--|
| <h1 style="margin: 0;">LEA LAND DISPOSAL SITE NEW MEXICO</h1> <p style="margin: 0;">MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048</p> | | | | | | | | | | |
| <h2 style="margin: 0;">LEA LAND, LLC</h2> <p style="margin: 0;">1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257</p> | | | | | | | | | | |
| Bill to: <u>TRC</u> 1st Bkhoe | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST | | | | NO <u>158197</u> | | 1. PAGE ___ OF ___ | | 2. TRAILER NO. <u>#4162</u> | | |
| GENERATOR | 3. COMPANY NAME TRC ENV/ Natural Gas Pipeline | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | | 5. PICK-UP DATE 7/13/2022 | | | |
| | PHONE NO. | | | CITY HOUSTON | | | STATE TX | | | |
| | | | | ZIP 77002 | | | 6. TNRCC I.D. NO. | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS | | 9. TOTAL | |
| | | | | | | | No. Type | | QUANTITY | |
| TRANSPORTER | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 | | CM | |
| | b. | | | | | | | | | |
| | c. | | | | | | | | | |
| | d. WT: <u>36540</u> <u>36540</u> <u>33120</u> | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE | | | | | | 13. WASTE PROFILE NO. <u>Te 105700</u> | | | |
| DISPOSAL | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | |
| | NAME JOE ONTIVEROS | | | PHONE NO 575-887-4048 | | | 24-HOUR EMERGENCY NO. | | | |
| | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | SIGNATURE | | | | DATE | |
| | | | | | | | | | | |
| DISPOSAL | 16. TRANSPORTER (1) | | | | 17. TRANSPORTER (2) | | | | | |
| | NAME: M MATA TRUCKING, LLC | | | | NAME: | | | | | |
| | TEXAS I.D. NO. | | | | TEXAS I.D. NO. | | | | | |
| | IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | | | IN CASE OF EMERGENCY CONTACT: | | | | | |
| | EMERGENCY PHONE: (575) 831-3231 | | | | EMERGENCY PHONE: | | | | | |
| DISPOSAL | 18. TRANSPORTER (1): Acknowledgment of receipt of material | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | | | |
| | PRINTED/TYPED NAME <u>[Signature]</u> | | | | PRINTED/TYPED NAME _____ | | | | | |
| | SIGNATURE <u>[Signature]</u> | | | | SIGNATURE _____ | | | | | |
| | DATE 7/13/2022 | | | | DATE _____ | | | | | |
| | | | | | | | | | | |
| DISPOSAL | Lea Land, LLC | | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | PHONE: 575-887-4048 | | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | 20. COMMENTS | | | | | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | |
| | AUTHORIZED SIGNATURE <u>Brianda Carrillo</u> | | | | CELL NO. <u>/</u> | | DATE 7/13/2022 | | TIME 9:15 | |
| | | | | | | | | | | |



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 06 on 7/13/2022 – 3 loads

258H

1 2 3

34

Bill to: TPC

Archiego

No 158198

1. PAGE OF

2. TRAILER NO. 900

DISPOLITY



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 03 on 7/14/2022 – 2 loads

258h

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Bill to: TBC

LP

NON-HAZARDOUS WASTE MANIFEST

NO 158280

1. PAGE ____ OF ____

2. TRAILER NO. #02

| | | | | | | | | |
|--|--|------------------------|---|---------------------|---|-------------------------------|---------------------|-------------------------|
| G E N E R A T O R | 3. COMPANY NAME Natural Gas Pipeline | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | 5. PICK-UP DATE 7/14/2022 | | | |
| | PHONE NO. | CITY HOUSTON | STATE TX | ZIP 77002 | 6. TNRCC I.D. NO. | | | |
| T R A N S P O R T E R S | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | 8. CONTAINERS No. | 9. TOTAL QUANTITY | 10. UNIT Wt/Vol. | 11. TEXAS WASTE ID # |
| | a. Non-Regulated, Non Hazardous Waste | | | | 1 | CM | | y |
| | b. | | | | | | | |
| | c. | | | | | | | |
| A T O R | d. WT: 37840 43180 | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE | | | | | 13. WASTE PROFILE NO. | | |
| O R | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | |
| | NAME JOE ONTIVEROS | | PHONE NO 575-887-4048 | | 24-HOUR EMERGENCY NO. | | | |
| T R A N S P O R T E R S | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | SIGNATURE | | DATE | |
| T R A N S P O R T E R S | 16. TRANSPORTER (1) | | | | 17. TRANSPORTER (2) | | | |
| | NAME: M MATA TRUCKING, LLC | | | | NAME: | | | |
| D I S P O S I T O R Y | TEXAS I.D. NO. | | | | TEXAS I.D. NO. | | | |
| | IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | | | IN CASE OF EMERGENCY CONTACT: | | | |
| D I S P O S I T O R Y | EMERGENCY PHONE: (575) 831-3231 | | | | EMERGENCY PHONE: | | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | |
| D I S P O S I T O R Y | PRINTED/TYPED NAME Luis Reyes | | | | PRINTED/TYPED NAME | | | |
| | SIGNATURE Luis Reyes DATE 7/14/2022 | | | | SIGNATURE DATE | | | |
| D I S P O S I T O R Y | Lea Land, LLC | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | PHONE: 575-887-4048 | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | 20. COMMENTS | | | | |
| D I S P O S I T O R Y | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | |
| | AUTHORIZED SIGNATURE Briantha Carrillo | | | CELL NO. | | DATE 7/14/2022 | | TIME 9:45 |



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 06 on 7/14/2022 – 2 loads

LEA LAND DISPOSAL SITE NEW MEXICO

758h

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

ARCI NIEGA

NON-HAZARDOUS WASTE MANIFESTNO **158281**

1. PAGE ___ OF ___

2. TRAILER NO. **#06**

| | | | | | |
|--|--|---|---|-------------------------------------|-------------------------------|
| G E N E R A T O R | 3. COMPANY NAME Natural Gas Pipeline PHONE NO. | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B CITY STATE ZIP HOUSTON TX 77002 | | 5. PICK-UP DATE 7/14/2022 | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | 8. CONTAINERS No. Type | 9. TOTAL QUANTITY | 10. UNIT Wt/Vol. |
| | a. Non-Regulated, Non Hazardous Waste | | 1 CM | | y |
| | b. c. d. WT: 35720 35760 | | | | |
| A T T R I B U T E | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE T@71480 | | | 13. WASTE PROFILE NO. | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. JOE ONTIVEROS 575-887-4048 | | | | |
| O F F I C E | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | SIGNATURE | | DATE |
| T R A N S P O R T E R S | 16. TRANSPORTER (1) NAME: M MATA TRUCKING, LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: MANUEL MATA EMERGENCY PHONE: (575) 634-3231 | | 17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Silvestre Arciniega SIGNATURE Silvestre Arciniega DATE 7/14/2022 | | 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____ | | |
| | 16. TRANSPORTER (1) NAME: M MATA TRUCKING, LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: MANUEL MATA EMERGENCY PHONE: (575) 634-3231 | | 17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Silvestre Arciniega SIGNATURE Silvestre Arciniega DATE 7/14/2022 | | 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____ | | |
| D I S P O S I T O R Y | Lea Land, LLC | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | PHONE: 575-887-4048 |
| | PERMIT NO. WM-01-035 - New Mexico | | 20. COMMENTS | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | |
| | AUTHORIZED SIGNATURE Brianda Carrillo | | CELL NO. | DATE 7/14/2022 | TIME 9:55 |

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

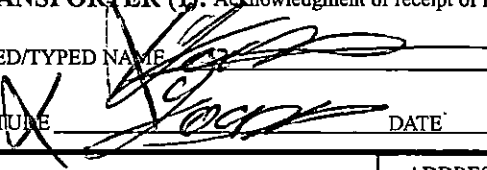

TRANSPORTERS: COPIES 4 & 5



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 4162 on 7/14/2022 – 2 loads

| | | | | | | | | | | |
|--|---|--|--|---|---|---------------------|--|-------------------------------|----------------------|--|
| <h1 style="margin: 0;">LEA LAND DISPOSAL SITE NEW MEXICO</h1> <p style="margin: 0;">758h MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048</p> | | | | | | | | | | |
| <h2 style="margin: 0;">LEA LAND, LLC</h2> <p style="margin: 0;">1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 1st Bk hoe</p> | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST NO 158282 1. PAGE ___ OF ___ 2. TRAILER NO. #4162 | | | | | | | | | | |
| GENERATOR'S CERTIFICATION | 3. COMPANY NAME Natural Gas Pipeline PHONE NO. | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B CITY STATE ZIP HOUSTON TX 77002 | | | 5. PICK-UP DATE 7/14/2022 6. TNRCC I.D. NO. | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS No. Type | | 9. TOTAL QUANTITY | |
| | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 CM | | y | |
| | b. | | | | | | | | | |
| | c. | | | | | | | | | |
| TRANSPORTER'S CERTIFICATION | d. WT: 37140 29480 | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE T@66620 | | | | | | 13. WASTE PROFILE NO. | | | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | |
| | NAME JOE ONTIVEROS | | | PHONE NO 575-887-4048 | | | 24-HOUR EMERGENCY NO. | | | |
| | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | |
| DISPOSAL FACILITY'S CERTIFICATION | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | | SIGNATURE | | | | |
| | DATE | | | | | | | | | |
| | 16. TRANSPORTER (1) | | | | | 17. TRANSPORTER (2) | | | | |
| | NAME: M MATA TRUCKING, LLC | | | | | NAME: | | | | |
| | TEXAS I.D. NO. | | | | | TEXAS I.D. NO. | | | | |
| IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | | | | IN CASE OF EMERGENCY CONTACT: | | | | | |
| EMERGENCY PHONE: (575) 831-3234 | | | | | EMERGENCY PHONE: | | | | | |
| 18. TRANSPORTER (1): Acknowledgment of receipt of material | | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | | | |
| PRINTED/TYPED NAME | | | | | PRINTED/TYPED NAME | | | | | |
| SIGNATURE  DATE 7/14/2022 | | | | | SIGNATURE DATE | | | | | |
| ADDRESS: Lea Land, LLC | | | | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | PHONE: 575-887-4048 | | |
| PERMIT NO. WM-01-035 - New Mexico | | | | | 20. COMMENTS | | | | | |
| 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | | |
| AUTHORIZED SIGNATURE  | | | | | CELL NO. | | DATE 7/14/2022 | | TIME 10:20 | |

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 4307 on 7/14/2022 – 2 loads

| | | | | | | | | | | | |
|--|--|--|--|---|------------------|---|-------------------------------------|--------------------------|-----------------------------|----------------------|------|
| <h1 style="margin: 0;">LEA LAND DISPOSAL SITE NEW MEXICO</h1> <p style="margin: 0;">MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048</p> | | | | | | | | | | | |
| LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 | | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST | | | | | NO 158283 | | 1. PAGE ___ OF ___ | | 2. TRAILER NO. #4307 | | |
| G E N E R A T O R | 3. COMPANY NAME Natural Gas Pipeline PHONE NO. | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B CITY STATE ZIP HOUSTON TX 77002 | | | 5. PICK-UP DATE 7/14/2022 | | | | |
| | | | | | | | 6. TNRCC I.D. NO. | | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS No. Type | | 9. TOTAL QUANTITY | | |
| | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 CM | | y | | |
| | b. | | | | | | | | | | |
| R E C E I V E R | c. | | | | | | | | | | |
| | d. WT: 38360 39680 | | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE TQ 78040 | | | | | | 13. WASTE PROFILE NO. | | | | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | | |
| | NAME JOE ONTIVEROS | | | PHONE NO 575-887-4048 | | | 24-HOUR EMERGENCY NO. | | | | |
| T R A N S P O R T E R S | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | | SIGNATURE | | | | | DATE |
| | 16. TRANSPORTER (1) NAME: M MATA TRUCKING, LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: MANUEL MATA EMERGENCY PHONE: (575) 834-3234 | | | | | 17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: | | | | | |
| | 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Miguel Cruz SIGNATURE Miguel Cruz DATE 7/14/2022 | | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE | | | | | |
| | 20. COMMENTS | | | | | | | | | | |
| D I S P O S I T O R Y | Leal Land, LLC | | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | PHONE: 575-887-4048 | | | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | | | | | | | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | | |
| | AUTHORIZED SIGNATURE Brianda Carrillo | | | | | CELL NO. | | DATE 7/14/2022 | | TIME 10:25 | |
| | | | | | | | | | | | |

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Trailer 151 on 7/14/2022 – 2 loads

| | | | | | | | | | | | |
|--|--|--|--|---|--|--------------------------------|---|----------------------------|--------------------------|---------------------|-------------------------|
| <h1 style="margin: 0;">LEA LAND DISPOSAL SITE NEW MEXICO</h1> <p style="margin: 0;">MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048</p> | | | | | | | | | | | |
| <h2 style="margin: 0;">LEA LAND, LLC</h2> <p style="margin: 0;">1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257</p> | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> Bill to: <u>BC</u> <u>M MATA</u> </div> | | | | | | | | | | | |
| NON-HAZARDOUS WASTE MANIFEST | | | | NO 158284 | | 1. PAGE <u> </u> OF <u> </u> | | 2. TRAILER NO. #151 | | | |
| GENERATOR'S CERTIFICATION | 3. COMPANY NAME Natural Gas Pipeline | | | 4. ADDRESS 1001 LOUISIANA ST. Room 1445B | | | 5. PICK-UP DATE 7/14/2022 | | | | |
| | PHONE NO. | | | CITY STATE ZIP | | | 6. TNRCC I.D. NO. | | | | |
| | | | | HOUSTON TX 77002 | | | | | | | |
| | 7. NAME OR DESCRIPTION OF WASTE SHIPPED: | | | | | | 8. CONTAINERS No. | Type | 9. TOTAL QUANTITY | 10. UNIT Wt/Vol. | 11. TEXAS WASTE ID # |
| | a. Non-Regulated, Non Hazardous Waste | | | | | | 1 | CM | | y | |
| TRANSPORTER'S CERTIFICATION | b. | | | | | | | | | | |
| | c. | | | | | | | | | | |
| | d. WT: 43560 36360 | | | | | | | | | | |
| | 12. COMMENTS OR SPECIAL INSTRUCTIONS: NGPL INDIAN BASIN LINE TQ 79920 | | | | | | 13. WASTE PROFILE NO. | | | | |
| | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT | | | | | | | | | | |
| DISPOSAL FACILITY'S CERTIFICATION | NAME JOE ONTIVEROS | | | PHONE NO. 575-887-4048 | | | 24-HOUR EMERGENCY NO. | | | | |
| | 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC | | | | | | | | | | |
| | PRINTED/TYPED NAME CO MAN: Joseph Wiley | | | | | | SIGNATURE | | | | DATE |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TRANSPORTER'S CERTIFICATION | 16. TRANSPORTER (1) | | | | | | 17. TRANSPORTER (2) | | | | |
| | NAME: M MATA TRUCKING, LLC | | | | | | NAME: | | | | |
| | TEXAS I.D. NO. | | | | | | TEXAS I.D. NO. | | | | |
| | IN CASE OF EMERGENCY CONTACT: MANUEL MATA | | | | | | IN CASE OF EMERGENCY CONTACT: | | | | |
| | EMERGENCY PHONE: (575) 834-3234 | | | | | | EMERGENCY PHONE: | | | | |
| DISPOSAL FACILITY'S CERTIFICATION | 18. TRANSPORTER (1): Acknowledgment of receipt of material | | | | | | 19. TRANSPORTER (2): Acknowledgment of receipt of material | | | | |
| | PRINTED/TYPED NAME Hugo Parra | | | | | | PRINTED/TYPED NAME | | | | |
| | SIGNATURE Hugo Parra DATE 7/14/2022 | | | | | | SIGNATURE DATE | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| DISPOSAL FACILITY'S CERTIFICATION | Lea Land, LLC | | | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | | | | PHONE: 575-887-4048 | | | |
| | PERMIT NO. WM-01-035 - New Mexico | | | | | | 20. COMMENTS | | | | |
| | 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. | | | | | | | | | | |
| | AUTHORIZED SIGNATURE Brianda Carrillo | | | | | | CELL NO. | | DATE 7/14/2022 | | TIME 10:25 |
| | | | | | | | | | | | |

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

Appendix D: New Mexico Oil Conservation District Form C-141

| | |
|----------------|---------------|
| Incident ID | nAB1927162165 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Joseph Wiley Title: EHS Remediation Project Manager

Signature:  Date: 7/29/22

email: Joe_Wiley@kindermorgan.com Telephone: 713-420-3475

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 08/03/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
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Appendix E: Email Correspondence Documentation

From: [Nobui, Jennifer, EMNRD](#)
To: [Stoffel, Jared](#); [Billings, Bradford, EMNRD](#)
Cc: [Wiley, Joe](#)
Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting
Date: Wednesday, May 25, 2022 4:45:46 PM
Attachments: [image001.png](#)

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ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Hi Jared

OCD has no comments and concurs with the proposed remediation plan below. Please include this email and all correspondence in the closure report as an attachment.

Thanks

Jennifer Nobui

From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Wednesday, May 25, 2022 3:34 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

Jennifer – thank you very much for the extension. Can you please confirm that our remediation plan specified in the bulleted list below is approved?

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | C: 432 238 3003
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From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Wednesday, May 25, 2022 2:58 PM
To: Stoffel, Jared <JStoffel@trccompanies.com>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>

Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Hello Jared,

OCD is able to approve a 60-day extension to **July 29, 2022 to submit a revised Closure Report.**

Please include this e-mail correspondence in the remediation and/or closure report.

Thanks,

Jennifer Nobui

From: Stoffel, Jared <JStoffel@trccompanies.com>

Sent: Wednesday, May 25, 2022 1:37 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>

Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

Jennifer,

NGPL requests a 90-day extension for the enactment of remediation and submission of a revised closure request. During the remedial activities, NGPL will:

- Excavate the approximately 800 square foot areas representative of CS-11, CS-14, and CS-68 to approximately 1.5 feet below ground surface (bgs), CS-69 to approximately 2' bgs, CS-19 to approximately 3' bgs, and CS-61 to approximately 3.5' bgs.
- Collect one five-point composite sample from the base of each area (representing approximately 800 square feet) and submit for TPH only. No sidewall samples will be collected.
- Backfill to grade with locally sourced non-impacted material if 5-point composite confirmation samples indicate TPH is below 100 mg/kg.
- Additional vertical excavation and sampling will be completed as necessary based on the analytical results.

Please let us know if you agree with our proposed remediation and the associated extension. Thank you for your time and consideration.

Jared Stoffel, P.G.
Project Manager



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From: Stoffel, Jared
Sent: Thursday, May 5, 2022 10:13 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

Jennifer and Bradford,

Thank you for taking the time to discuss the NGPL Indian Basin Pipeline Rupture Site (nAB1927162165) with us. Based on our conversation, our understanding is as follows:

- NGPL will not be required to remediate the areas immediately adjacent to the P&A well marker colored in blue on the attached figure (sample locations CS-1 through CS-9).
- The NMOCD regulatory guideline for TPH at this Site is 100 mg/kg. Sample locations CS-11, CS-14, CS-19, CS-61, CS-68 and CS-69 will be remediated to meet this standard.
- Sample locations within the designated pipeline release remediation area below NMOCD regulatory guidelines (all locations outside the six referenced above) will require no further action.

Please let me know if our understanding is correct. If so, we will work towards submission of a remediation strategy alongside a request for an extension prior to our May 27, 2022 deadline. Thank you very much!

Jared Stoffel, P.G.
Project Manager



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From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Tuesday, April 26, 2022 3:57 PM
To: Stoffel, Jared <JStoffel@trccompanies.com>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

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ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Hi Jared

We have availability next Wednesday – May 4, 2022 at 2pm MST. If this works for you, please send us an invite.

Thanks

Jennifer Nobui

From: Stoffel, Jared <JStoffel@trccompanies.com>

Sent: Tuesday, April 26, 2022 1:44 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>

Subject: [EXTERNAL] NGPL Indian Basin Line (NAB1927162165) Request for Meeting

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Jennifer –

I would like to reach out regarding the denial response on the NGPL Indian Basin site (NAB1927162165). We would like to request a Teams meeting to discuss the path forward on this site, particularly in reference to the P&A'd well pad on the northern end of the release area. The TPH concentrations and vertical profile – particularly at the furthest point away from the Release point within the remediation area- are unlikely to be related to the NGPL release. Would you have time in the near future for a Teams meeting to discuss? I can set a meeting at a time that is convenient for you and Joe Wiley, the NGPL project manager. Thank you very much!

Jared Stoffel, P.G.
Project Manager



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F: 512 329 8750 | C: 432 238 3003

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From: [Hensley, Chad, EMNRD](#)
To: [Stoffel, Jared](#)
Cc: [Wiley, Joe](#)
Subject: RE: [EXTERNAL] FW: NATUAL GAS PIPELINE INDIAN BASIN LINE NAB1927162165
Date: Thursday, January 6, 2022 4:15:40 PM
Attachments: [image001.jpg](#)

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Good afternoon, Jared.

TRC may exclude the criteria of BTEX, Benzene, and Chlorides in their samples. Please include this e-mail in your closure report.

Chad Hensley • Environmental Science & Specialist

Environmental Bureau

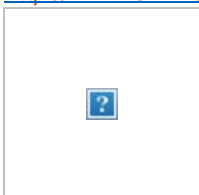
EMNRD - Oil Conservation Division

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Office: 575.748.1283 | Cell: 575-703-1723

chad.hensley@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Thursday, January 6, 2022 1:42 PM
To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: NATUAL GAS PIPELINE INDIAN BASIN LINE NAB1927162165

Mr. Hensley,

Our first intended course of action is to re-sample the locations that exhibited TPH exceedances (at either the 0-6" interval or the 1' interval), and vertically delineate any remaining elevated TPH concentrations at each location. In the previous sampling events, no benzene or BTEX concentrations were above NMOCD closure criteria. In addition, chlorides were only slightly elevated in 3 soil samples, none of which were near the Release point. We would like to eliminate BTEX and chloride from our future sampling analyses, as they do not appear to be chemicals of concern for this site. We would like to submit samples for TPH analysis only. Would this be an acceptable course of action? Please let me know if you'd like to discuss in more detail at your convenience. Thank you very much!

From: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>

Sent: Tuesday, December 21, 2021 10:01 AM

To: Stoffel, Jared <JStoffel@trccompanies.com>

Subject: [EXTERNAL] FW: NATUAL GAS PIPELINE INDIAN BASIN LINE NAB1927162165

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The below statements are incorrect and do not reflect on the operator. Further investigation showed an approved work plan and correspondence with OCD.

- With no OCD approved remediation proposal and conducting an unapproved remediation the OCD denies the closure request.
- Time of incident was 08/21/19 to closure report sent 11/18/21 with no attempts for extension or working with the OCD.

However, the site has not been fully delineated and will need composite samples showing the extent of the release and soils left in place meet or exceed closure criteria.

Closure report due 3/21/2022

Cheers,

Chad Hensley • Environmental Science & Specialist

Environmental Bureau

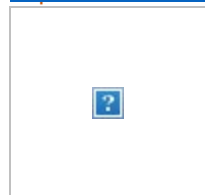
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Office: 575.748.1283 | Cell: 575-703-1723

chad.hensley@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: [Eads, Cristina, EMNRD](#)
To: [Stoffel, Jared](#)
Cc: [Wiley, Joe](#)
Subject: [EXTERNAL] RE: NAB1927162165 NATUAL GAS PIPELINE INDIAN BASIN LINE @ L-36-17S-27E 0N 0E Extension Request
Date: Friday, February 19, 2021 3:07:25 PM
Attachments: [image001.png](#)

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Jared,

Your request for a 90-day extension is approved. The remediation due date will be May 25, 2021.

Please let me know if you have any questions.

Thank you,

Cristina Eads • Environmental Specialist - A
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Ave, Suite100 | Albuquerque, NM 87113
505.670.5601 | Cristina.Eads@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Friday, February 19, 2021 1:41 PM
To: Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: [EXT] NAB1927162165 NATUAL GAS PIPELINE INDIAN BASIN LINE @ L-36-17S-27E 0N 0E Extension Request

Cristina,

We really appreciate you taking the time to discuss this project with us. Would you mind granting us a 90 day extension (the current date is February 24th, 2021) as we had discussed? Have a wonderful afternoon, and thank you again!

Jared Stoffel, P.G.
Project Manager



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F: 512 329 8750 | C: 432 238 3003
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Please note that our domain name and email addresses have changed

From: [Stoffel, Jared](#)
To: [Eads, Cristina, EMNRD](#)
Cc: [Wiley, Joe](#)
Subject: Indian Basin (NAB1927162165 NATURAL GAS PIPELINE INDIAN BASIN LINE @ L-36-17S-27E ON OE) Remediation Approach and Extension Request
Date: Tuesday, May 25, 2021 2:13:00 PM
Attachments: [Indian Basin Workplan.pdf](#)
[image001.png](#)
[IMG_0718.JPG](#)

Cristina,

After re-evaluation of the Indian Basin Release Site remediation, Natural Gas Pipeline Company of America (NGPLA) wishes to propose a different approach. Some site-specific items that will help give context to our plan are outlined below, and the previously approved Work Plan is attached to this email for reference. Please let us know if you concur with all parts of our plan, or if you would request any modification.

- Brief Site Review

- The area designated for remediation, where initial delineation sampling indicated TPH impacted soil was located, is approximately 76,000 square feet.
- Results of soil analytical testing indicate the affected depth, where initial delineation sampling indicated TPH impacted soil was located, is from the land surface to less than 1 foot below the land surface. No NMOCD regulatory guideline exceedances were reported for any soil samples collected at the 12" depth, except at the SS-5 sample location at the south end of the investigation area.
- In the area where the SS-5 sample was collected, 2010 and prior satellite imagery shows the presence of an above ground storage tank battery. The nature of the Indian Basin Pipeline release (aerial spraying of liquids from a natural gas pipeline, which subsequently settled on the land surface) does not provide a mechanism for hydrocarbon impact at depth. As such, the hydrocarbon detections in soils in the SS-5 location beneath 12 inches in depth cannot be considered to be associated with this release. The impacts in the SS-5 area below a depth of 12 inches are most certainly related to the historical activities at this tank battery. Accordingly, only the surface (0-1' interval) will be addressed in this area.
- Based on the affected area footprint and depth, the estimated volume of impacted soil is approximately 2,820 cubic yards.
- During a January 2021 confirmation soil sampling event, each 2019 soil sample location which had exhibited TPH impact during the delineation phase was resampled for TPH analysis and also for chlorides. At each location, chloride concentrations were below regulatory guidelines except at the SS-16 sample location (northernmost sample location inside the affected area). At the time of this sample event, field staff noticed a monument marking the location of an abandoned production well in the area of SS-16 (photo attached). It is likely that post-remediation confirmation soil samples collected from this area will exhibit chloride concentrations above regulatory guidelines due to historical well activity in this area. NGPLA maintains that the elevated chloride concentrations, which appear at this time to be isolated to the northernmost end of the affected area around the plugged and abandoned well, are unrelated to the Indian Basin Pipeline release and will not be addressed by NGPLA, as they are related to

another operator's historical activities. Chloride analysis will, however, be included in the post-remediation confirmation sampling.

- NGPLA proposes to remediate documented hydrocarbon impacts inside the remediation area utilizing MicroBlaze[®] solution. MicroBlaze is approved by the EPA for use in soil remediation.
 - MicroBlaze manufacturer application instructions state that 1 gallon of concentrate treats 5 – 7 cubic yards of impacted soil, and the concentrate should be diluted to create a solution between 3% and 10%
 - The target depth of remediation is less than 1 foot. At a 1-foot thickness, one cubic yard = 3 square yards; therefore, 1 gallon of concentrate treats 15 to 21 square yards
 - The 76,000 square foot remediation area equals 8,445 square yards. Assuming the more conservative application rate of 1 gallon of MicroBlaze per 5 cubic yards (15 square yards to 1-foot depth), 563 gallons of MicroBlaze concentrate will be needed.
 - The MicroBlaze solution for this application event will be a mixture of 660 gallons (2 totes) of MicroBlaze concentrate combined with approximately 7600 gallons of commercially sourced water, which will yield 8,260 gallons of MicroBlaze solution at a concentration of approximately 8%.
 - An application rate of approximately 1 gallon of MicroBlaze solution per square yard will be applied to the affected area.
- The proposed remediation would follow the below generalized schedule:
 - Apply Microblaze –No mechanical mixing or tilling, and trailer mounted sprayers pulled by trucks will be utilized to minimize damage to surface vegetation.
 - Apply Water – Two applications following the MicroBlaze application, which is intended to remobilize microbes to targeted depths.
 - Two water application events
 - Timing of the watering events will be dependent on local weather conditions
 - Approximately 3800 gallons of water sprayed on the remediation area to re-saturate and remobilize microbes from MicroBlaze - from an offsite commercial source during each event
 - Will utilize trailer mounted sprayers pulled by trucks to minimize damage to surface vegetation
 - Collect confirmation soil samples – approximately 2.5 months following the initial MicroBlaze application – MicroBlaze solution has had approximately 2.5 months to remediate the hydrocarbon impacts, with additional vertical mobility facilitated by subsequent watering events
 - Soil samples to be collected on a 1 soil sample per 800 square foot basis (as previously approved for the Site)
 - Soil samples will be collected from the 0-1' bgs depth interval
 - Samples will be analyzed for TPH (GRO, DRO, ORO), BTEX, and chlorides
 - Closure Reporting or Further Remediation
 - If each soil sample (approximately 96 soil samples on a 800 square foot basis

over an approximately 76,000 square foot affected area, sampled at the 0-1' interval) exhibits TPH, BTEX, and chloride concentrations below regulatory guidelines, a closure request will be prepared

- If each soil sample exhibits TPH, BTEX, and chloride concentrations below regulatory guidelines, with the exception of chlorides in areas near the plugged and abandoned well and any other infrastructure not yet noted during site visits, a closure request will be prepared
- If a subset of soil samples exhibit TPH or BTEX concentrations above regulatory guidelines, further remediation will be enacted in the 800 square foot area each sample represents. If elevated chlorides are present in areas other than the vicinity of the plugged and abandoned production well, further investigation as to the source of the concentrations will be conducted.

NGPLA will begin the remediation process with your concurrence. The MicroBlaze application is currently scheduled to be conducted on June 8-10, 2021. At this time NGPLA requests a 90 day extension to enact the remedial plan. Please let me know if you disagree with any part of the plan, as proposed. If you'd like to discuss further, I am available at your convenience. Thank you very much.

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752

F: 512 329 8750 | C: 432 238 3003

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From: [Eads, Cristina, EMNRD](#)
To: [Stoffel, Jared](#)
Cc: [Wiley, Joe](#)
Subject: [EXTERNAL] RE: Indian Basin (NAB1927162165 NATUAL GAS PIPELINE INDIAN BASIN LINE @ L-36-17S-27E ON OE) Remediation Approach and Extension Request Followup
Date: Friday, June 4, 2021 11:16:44 AM
Attachments: [image001.png](#)

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Jared,

Both the revised remediation plan and extension request are approved.

Thanks,

Cristina Eads • Environmental Specialist - A
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Ave, Suite100 | Albuquerque, NM 87113
505.670.5601 | Cristina.Eads@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Friday, June 4, 2021 9:14 AM
To: Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: [EXT] Indian Basin (NAB1927162165 NATUAL GAS PIPELINE INDIAN BASIN LINE @ L-36-17S-27E ON OE) Remediation Approach and Extension Request Followup

Cristina,

I am unsure if you have gotten a chance to review our last correspondence with regards to the NGPL Indian Basin Site (NAB192716165), but I wanted to follow up as we intend to start remediation next week on Tuesday, June 8th. I have attached the previous email for your convenience. Please let me know if you have any questions or concerns, or if you would like to discuss further. Thank you.

Jared Stoffel, P.G.
Project Manager



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F: 512 329 8750 | C: 432 238 3003
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Please note that our domain name and email addresses have changed

From: [Hensley, Chad, EMNRD](#)
To: [Stoffel, Jared](#)
Subject: [EXTERNAL] FW: NATUAL GAS PIPELINE INDIAN BASIN LINE NAB1927162165
Date: Tuesday, December 21, 2021 10:01:16 AM
Attachments: [image001.jpg](#)

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The below statements are incorrect and do not reflect on the operator. Further investigation showed an approved work plan and correspondence with OCD.

- With no OCD approved remediation proposal and conducting an unapproved remediation the OCD denies the closure request.
- Time of incident was 08/21/19 to closure report sent 11/18/21 with no attempts for extension or working with the OCD.

However, the site has not been fully delineated and will need composite samples showing the extent of the release and soils left in place meet or exceed closure criteria.

Closure report due 3/21/2022

Cheers,

Chad Hensley • Environmental Science & Specialist

Environmental Bureau

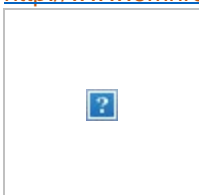
EMNRD - Oil Conservation Division

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Office: 575.748.1283 | Cell: 575-703-1723

chad.hensley@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 129848

CONDITIONS

| | |
|--|---|
| Operator: Natural Gas Pipeline Company of America LLC 1001 Louisiana Street Houston, TX 77002 | OGRID: 329155 |
| | Action Number: 129848 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--------------------------|----------------|
| jnobui | Closure Report Approved. | 8/3/2022 |