

PROJECT UPDATE SUMMARY AND REVISED REMEDATION WORK PLAN

Buffalo Valley Compressor Station
Chaves County, New Mexico
RP #2RP-3817

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1. INTRODUCTION

Tasman Geosciences, Inc. (Tasman) has prepared this Revised Remediation Work Plan on behalf of DCP Midstream, LP (DCP) to document and present the results of field activities that were conducted at the Buffalo Valley Compressor Station (Site) with associated RP number 2RP-3817 located in Chaves County, New Mexico (Figure 1). The Site is located in New Mexico Oil Conservation Division (OCD) District 2, Unit O (Southwest Quarter of the Southeast Quarter of Section 1, Township 15 South, Range 27 East of the Sixth Principal Meridian [Figure 1]). The facility geographic coordinates are 33.038843 degrees north and -104.187643 degrees west. The Site occupies approximately 4.4 acres of land that is leased to DCP from the State of New Mexico.

The activities described in the following Sections were conducted in accordance with the Site Characterization Report (SCR) that was submitted to the New Mexico Oil and Gas Conservation Division (NMOCD) on October 4, 2016 and to the New Mexico State Land Office (NMSLO) on November 29, 2016. Additionally, proposed supplemental Site remediation, reclamation, and revegetation activities are discussed herein.

2. SITE REMEDIATION ACTIVITIES

The sub-Sections below detail the Site remediation activities that were performed including impacted soil excavation and ex-situ soil treatment.

2.1 Impacted Soil Excavation

Subsequent to the Buffalo Compressor Station decommissioning activities and equipment demolition and removal, investigation potholing was conducted throughout the Site to determine the lateral and vertical extents of petroleum hydrocarbon impacts. During potholing activities the soil was periodically field screened for volatile organic compounds (VOC) using a photoionization detector (PID) and traditional headspace soil sampling techniques. On November 2, 2016, excavation activities were initiated based on the results of the Site characterization and the potholing activities described above. Excavation activities were guided using PID analysis and confirmation soil samples were collected from the sidewalls and the base of the excavation at approximate 20 foot intervals. Four (4) separate excavations were performed on-Site as summarized below:

- North Excavation: Approximately 1,225 cubic yards (yd³) of impacted soil above NMOCD Action Levels was removed from the north excavation area. The north excavation sidewall and base confirmation soil sample locations as well as the PID and laboratory analytical results are displayed on Figures 2 and 3 and summarized on Table 1.
- South Excavation: Approximately 1,400 yd³ of impacted soil above NMOCD Action Levels was removed from the south excavation area. The south excavation sidewall and base confirmation

soil sample locations as well as the PID and laboratory analytical results are displayed on Figure 4 and summarized on Table 2.

- West Excavations: Two excavations were conducted within the west portion of the Site, one beneath the former slop tank area and one within the location of the BH03 investigation borehole described in the SCR. A total volume of approximately 500 yd³ of impacted soil above NMOCD Action Levels was removed from the west excavations. The sidewall and base confirmation soil sample locations as well as the PID and laboratory analytical results are displayed on Figure 5 and summarized on Table 3.

For ease of data management and reporting, only the laboratory analytical data for soil samples that were collected from the final extents of the excavations have been provided in this report. Areas with sidewall and/or base samples that were returned above NMOCD Action Levels were subsequently excavated. Therefore, the laboratory analytical data for those samples have not been summarized. The confirmation sidewall and base soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (USEPA) Method 8021B and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) using USEPA Method 8015M. The laboratory analytical reports from the final extent sidewall and base confirmation soil sample locations are included in Appendix A.

2.2 Ex-Situ Soil Treatment

As indicated above, a project total of approximately 3,125 yd³ of material was excavated for subsequent treatment. Ex-situ chemical oxidant (chemox) soil mixing activities were conducted on the impacted soil using a proprietary ratio of oxidant. The treated material was allowed a minimum 48-hour period subsequent to mixing activities and prior to collection of confirmation analytical soil samples. Confirmation soil samples using a minimum five point composite sampling method were collected from every 100 yd³ of soil treated with the chemox solution. Based on the soil sample analytical data, 1,500 yd³ of treated material was verified to be below NMOCD Action Levels and the soil has been separated and prepared to be used as backfill material. The confirmation soil sample laboratory analytical results from the 1,500 yd³ that were verified below NMOCD Action Levels are summarized on Table 4. The sample labeled as a re-sample was collected subsequent to additional treatment activities on that 100 yd³ stockpile.

Additional chemox soil mixing activities using a stronger oxidant solution was conducted on the remaining 1,625 yd³ of impacted material. That soil was then resampled per the 100 yd³ composite method and the laboratory analytical data for those samples are summarized on Table 5. As summarized on Table 5, the remaining 1,625 yd³ continued to slightly exceed the NMOCD Action Levels for TPH. The material has been prepared on-Site for additional ex-situ treatment activities as described in the following Section. The laboratory analytical reports for the confirmation soil samples from the treated material is included in Appendix B.

3. PROPOSED SUPPLEMENTAL REMEDIATION ACTIVITIES

Recommendations for remediation activities of the remaining soil that is slightly above the NMOCD Action Levels for TPH have been developed based on the data provided herein. Due to the characteristics of the remaining soil impacts and that DRO is the main constituent of concern, ex-situ soil mixing using a bio-remediation solution has been chosen as the preferred supplemental remedial alternative. Bio-remediation soil mixing is a proven, cost-effective method with a minimal footprint that is ideally suited to addressing the remaining TPH concentrations within the soil and consists of physically mixing impacted soil with a dilute solution of Microblaze Emergency Spill Liquid Control™.

Similar to the chemox mixing activities that have already been completed on-Site, bio-remediation treatment results equal to those of excavation and off-site disposal are achieved, with the elimination of haul trucks, disposal material, imported backfill, and the associated traffic hazards, road damage, and resource consumption. However, the bio-remediation treatment process requires a minimum treatment period of approximately one month, during which time the soil will be periodically moistened with clean water and plowed and tilled to enhance microbial degradation of petroleum hydrocarbon impacts within the soil matrix. Subsequent to the treatment period, confirmation soil samples with a minimum five point composite sampling method will be collected for every 100 yd³ of soil that has been treated with the bio-remediation solution.

4. PROPOSED SITE RECLAMATION AND REVEGETATION PLAN

In accordance with the NMSLO Surface Reclamation and Remediation guidance document, Tasman on behalf of DCP is providing the following proposed Site reclamation activities in order to achieve native plant growth and diversity levels equal to or exceeding the natural potential levels in undisturbed soils adjacent to the project area. Once the soil cleanup goals for the Site have been confirmed and backfilling activities have been approved, Tasman will amend the backfill material with a sufficient amount of organic topsoil and fertilizer to promote seed germination and growth.

Subsequent to backfilling and soil amendment activities, the Site will be recontoured to as near the original topography as possible and the topsoil will be ripped to approximately 16 inches below ground surface (bgs). The seed and fertilizer mix will then be applied together by broadcasting with a seed spreader, then harrowed using seed drilling methods. Appropriate measures will be taken to ensure that the seed and fertilizer mixture is evenly and uniformly planted.

Primary or secondary noxious weeds as identified by the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Plant Database will not be present within the proposed seed mixture. The seed mixture will either be certified or registered and will have been tested for viability and purity in accordance with applicable State law(s) within nine months prior to purchase. The following seed mixture is proposed for the Site:

<u>COMMON NAME</u>	<u>BOTANICAL NAME</u>	<u>PLS/ACRE</u>
Sideoats Grama	<i>Bouteloua curtipendula</i>	4.00
Sand Dropseed	<i>Sporobolus cryptandrus</i>	0.50
Blue Grama	<i>Bouteloua gracilis</i>	1.50
Plains Bristlegrass	<i>Setaria vulpiseta</i>	2.00
Four-Wing Saltbush	<i>Atriplex canescens</i>	0.50
Rubber Rabbit Brush	<i>Ericameria nauseosa</i>	0.50

Tasman will perform reseeding activities immediately after completing the soil remediation and backfilling activities described in the previous Sections. The seeding may be repeated at the end of the first growing season to help establish growth through the following winter months. During the growing season Tasman will monitor the Site for plant and noxious weed growth and will document these activities with photographs and field notes. Any noxious weeds that are observed on-Site will be treated by physically removing the weeds and/or herbicide treatment. The primary and secondary noxious weeds of concern are identified on the USDA-NRCS New Mexico State-listed Noxious Weeds list which is included in Appendix C.

Tables

TABLE 1
DCP BUFFALO VALLEY COMPRESSOR STATION
NORTH EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
SS01 @ 3'	11/2/2016	3.0	3.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS02 @ 3'	11/2/2016	3.0	78.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS03 @ 3'	11/2/2016	3.0	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS04 @ 3'	11/4/2016	3.0	29.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS05 @ 4'	11/4/2016	4.0	8.7	<0.050	<0.050	<0.050	0.1890	<0.300	<10.0	<10.0	<10.0
SS06 @ 4'	11/4/2016	4.0	5.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS07 @ 3'	11/4/2016	3.0	21	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS08 @ 3'	11/4/2016	3.0	7.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS09 @ 3'	11/4/2016	3.0	6.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS10 @ 3'	11/4/2016	3.0	1.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS12 @ 3'	11/6/2016	3.0	49.7	<0.050	0.340	<0.050	<0.150	0.340	<10.0	19.7	19.7
SS13 @ 3'	11/6/2016	4.0	83.9	<0.200	11.5	0.200	0.945	12.6	12.6	25	53.2
SS27 @ 4'	11/17/2016	3.0	31	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS39 @ 3'	11/21/2016	3.0	64.5	<0.050	0.643	<0.050	<0.150	0.766	<10.0	<10.0	<10.0
SS48 @ 3'	2/7/2017	3.0	33.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	84.7	84.7
SS49 @ 3'	2/7/2017	3.0	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS01 @ 4'	11/6/2016	4.0	4.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS02 @ 4'	11/6/2016	4.0	6.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS04 @ 4'	11/6/2016	4.0	5.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS06 @ 5'	11/6/2016	5.0	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS10 @ 4'	11/6/2016	4.0	15.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS12 @ 6'	11/6/2016	6.0	224.1	<0.050	0.062	0.054	0.262	0.378	<10.0	<10.0	<10.0

TABLE 1
DCP BUFFALO VALLEY COMPRESSOR STATION
NORTH EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
BS14 @ 4.5'	11/8/2016	4.5	6.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS18 @ 6.5'	11/9/2016	6.5	59	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS19 @ 6.5'	11/9/2016	6.5	104.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS24 @ 4.5'	11/9/2016	4.5	11.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.5	10.5
BS25 @ 6.5'	11/15/2016	6.5	11.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.5	17.5
BS39 @ 4'	11/21/2016	4.0	25.7	<0.050	<0.050	<0.050	0.188	<0.300	<10.0	64.4	64.4
BS41 @ 5.5'	2/7/2017	5.5	2.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	72.5	72.5
BS42 @ 5.5'	2/7/2017	5.5	1.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	20.8
BS43 @ 4.5'	2/7/2017	4.5	1.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS44 @ 4.5'	2/7/2017	4.5	23.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS45 @ 4.5'	2/7/2017	4.5	16.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾				10	NA	NA	NA	50	NA	NA	100

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

DRO - Diesel range organics.

mg/kg= Milligrams per kilogram.

bgs - Below ground surface.

ppm - Parts per million

NA - Not applicable

TABLE 2
DCP BUFFALO VALLEY COMPRESSOR STATION
SOUTH EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
SS15 @ 3'	11/15/2016	3.0	6.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS16 @ 8'	11/15/2016	8.0	60.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS17 @ 3'	11/15/2016	3.0	4.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS18 @ 3'	11/15/2016	3.0	5.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS19 @ 3'	11/15/2016	3.0	8.3	<0.050	<0.050	<0.050	0.1890	<0.300	<10.0	<10.0	<10.0
SS20 @ 3'	11/15/2016	3.0	12.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS21 @ 3'	11/15/2016	3.0	7.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS22 @ 3'	11/15/2016	3.0	139.8	<0.050	<0.050	0.080	<0.150	<0.300	<10.0	<10.0	<10.0
SS23 @ 3'	11/15/2016	3.0	6.7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.5	30.5
SS24 @ 3'	11/17/2016	3.0	117.5	0.056	1.11	1.38	7.58	10.1	35.9	33.4	69.3
SS25 @ 3'	11/17/2016	3.0	3.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS26 @ 3'	11/17/2016	3.0	2.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS33 @ 4'	11/17/2016	4.0	20.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS37 @ 3'	11/21/2016	3.0	7.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS38 @ 3'	11/21/2016	3.0	139	0.559	<0.050	<0.050	<0.150	0.744	<10.0	<10.0	<10.0
BS26 @ 13'	11/15/2016	13.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS27 @ 4'	11/15/2016	4.0	8.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS28 @ 4'	11/15/2016	4.0	24.2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS29 @ 4'	11/15/2016	4.0	37.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS30 @ 4'	11/15/2016	4.0	56.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3
BS31 @ 8'	11/16/2016	8.0	39	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS32 @ 4'	11/16/2016	4.0	6.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0

TABLE 2
DCP BUFFALO VALLEY COMPRESSOR STATION
SOUTH EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
BS33 @ 6'	11/17/2016	6.0	91.5	0.655	<0.050	0.132	<0.150	0.787	<10.0	13.1	13.1
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾				10	NA	NA	NA	50	NA	NA	100

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics. DRO - Diesel range organics.

mg/kg= Milligrams per kilogram. bgs - Below ground surface.

ppm - Parts per million NA - Not applicable

TABLE 3
DCP BUFFALO VALLEY COMPRESSOR STATION
WEST EXCAVATIONS SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
SS29 @ 3'	11/17/2016	3.0	1.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS30 @ 3'	11/17/2016	3.0	96.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS31 @ 3'	11/17/2016	3.0	6.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS32 @ 3'	11/17/2016	3.0	3.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
SS43 @ 4'	11/30/2016	4.0	54.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	78.700	78.70
SS44 @ 4'	12/2/2016	4.0	1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24	24
SS45 @ 4'	12/2/2016	4.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.50	98.50
SS47 @ 4'	12/7/2016	4.0	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS35 @ 6'	11/17/2016	6.0	21.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS36 @ 6'	11/17/2016	6.0	5.4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
BS40 @ 6'	11/30/2016	6.0	103.3	<0.050	0.0610	<0.050	0.2060	<0.300	<10.0	66.700	66.70
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾				10	NA	NA	NA	50	NA	NA	100

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

DRO - Diesel range organics.

bgs - Below ground surface.

NA - Not applicable

TABLE 4
DCP BUFFALO VALLEY COMPRESSOR STATION
TREATED SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - 1,500 CUBIC YARDS BELOW ACTION LEVELS

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
CS04	11/14/2016	2,990	0.353	6.98	5.83	35.1	48.3	62.7	30.9	93.6
CS05	11/14/2016	2,703	0.239	5.23	4.52	25.6	35.5	41.9	24.4	66.3
CS06 Resample	11/14/2016	3,676	0.088	2.40	2.85	21.5	26.9	56.4	42.6	99.0
CS13	11/17/2016	91	<0.050	<0.050	0.078	0.345	0.423	<10.0	<10.0	<10.0
CS14	11/17/2016	37.5	<0.050	<0.050	0.130	0.550	0.679	<10.0	12.3	12.3
CS17	11/18/2016	1,709	0.418	8.38	5.15	32.0	45.9	52.4	22.7	75.1
CS20	12/1/2016	390.9	<0.200	2.61	2.91	16.2	21.7	50.9	39.5	90.4
CS22	12/1/2016	264	<0.200	0.544	1.08	6.35	7.97	16.8	28.6	45.4
CS23	12/1/2016	1,367	<0.200	0.949	1.06	7.23	9.24	18.0	24.7	42.7
CS24	12/1/2016	1,157	<0.200	1.26	1.43	9.79	12.6	42.0	31.4	73.4
CS25	12/1/2016	185	<0.200	0.599	1.06	5.97	7.63	20.6	33.4	54.0
CS26	12/1/2016	319	<0.200	0.646	0.981	5.84	7.46	19.5	25.8	45.3
CS29	12/1/2016	746	<0.200	1.42	1.46	10.0	12.9	27.4	65.1	92.5
CS31	12/1/2016	317	<0.200	1.42	1.53	9.99	12.9	31.2	41.6	72.8
CS32	12/1/2016	739	<0.200	0.276	0.446	2.88	3.60	18.3	17.7	36.0
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾			10	NA	NA	NA	50	NA	NA	100

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

TABLE 5
DCP BUFFALO VALLEY COMPRESSOR STATION
TREATED SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - 1,600 CUBIC YARDS ABOVE ACTION LEVELS

Sample ID	Date Sampled	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH ⁽²⁾ GRO/DRO (mg/kg)
CS01	12/15/2016	6	<0.050	<0.050	0.093	0.439	0.532	20.5	601.0	621.5
CS02	12/15/2016	0.6	<0.050	<0.050	0.058	0.322	0.38	10.2	810.0	820.2
CS03	12/15/2016	2	<0.050	<0.050	0.085	0.456	0.541	27.1	615	642.1
CS04	12/15/2016	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	685	685
CS05	12/15/2016	0.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	612	612
CS06	12/15/2016	0.3	<0.050	<0.050	0.063	0.232	<0.300	13.3	576	589.3
CS07	12/15/2016	0.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	749	749
CS08	12/15/2016	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	495	495
CS09	12/15/2016	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	535	535
CS10	12/15/2016	2.1	<0.050	0.08	0.269	1.3	1.64	29.1	643	672.1
CS11	12/15/2016	1.6	<0.050	<0.050	<0.050	0.169	<0.300	14.9	445	459.9
CS12	12/15/2016	2.5	<0.050	<0.050	0.122	0.512	0.634	25.6	471	496.6
CS13	12/15/2016	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	451	451.0
CS14	12/15/2016	0	<0.050	<0.050	0.052	<0.150	<0.300	<10.0	629	629.0
CS15	12/15/2016	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	626	626.0
CS16	12/15/2016	0.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	520	520.0
NMOCD Action Levels - Soil (mg/kg) ⁽¹⁾			10	NA	NA	NA	50	NA	NA	100

Notes:

1). Standards for Soil are taken from NMOCD Guidelines for Remediation of Leaks, Spills and Releases, 1993, total ranking >19

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

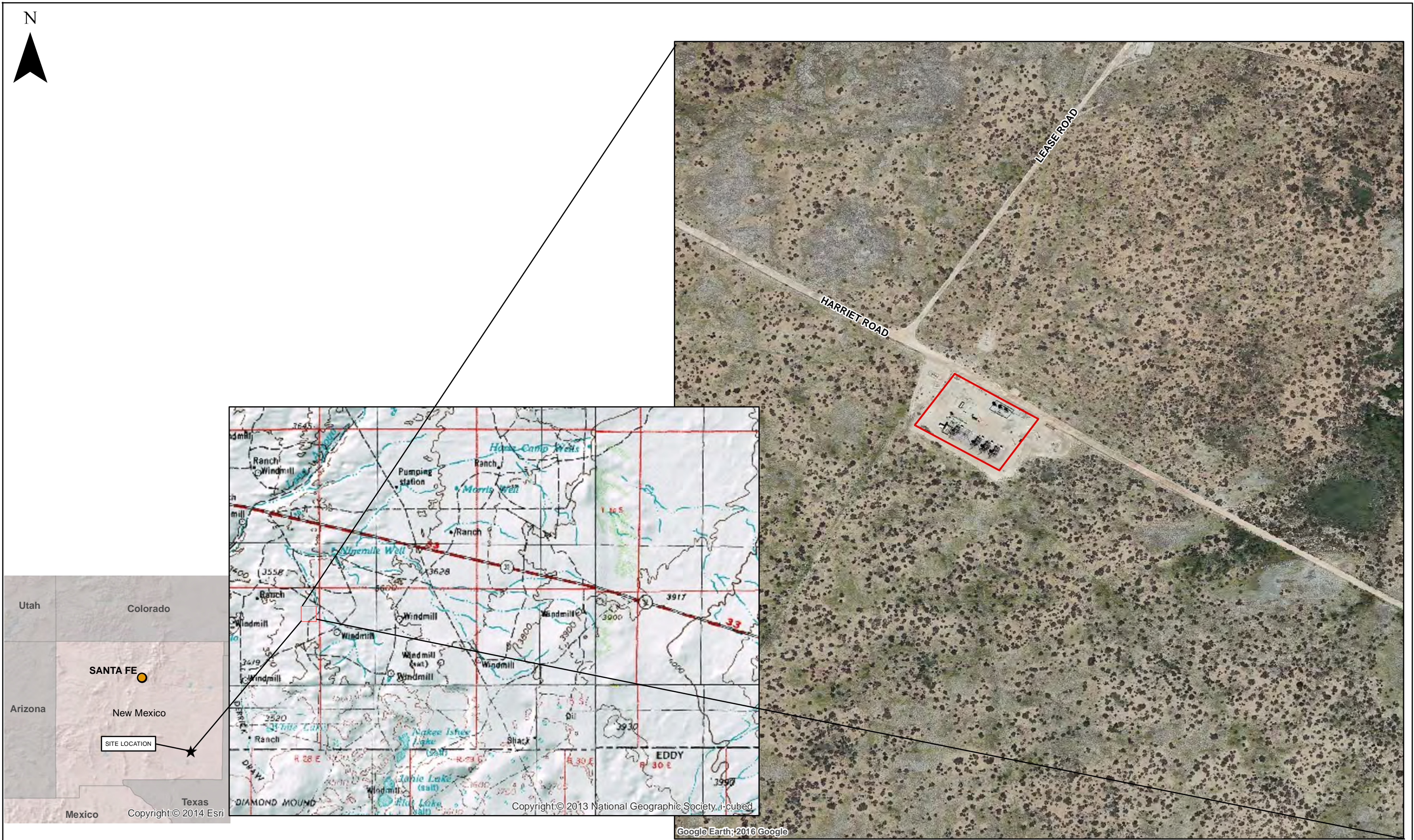
Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Figures



DATE:	August 2016
DESIGNED BY:	B. Humphrey
DRAWN BY:	D. Arnold

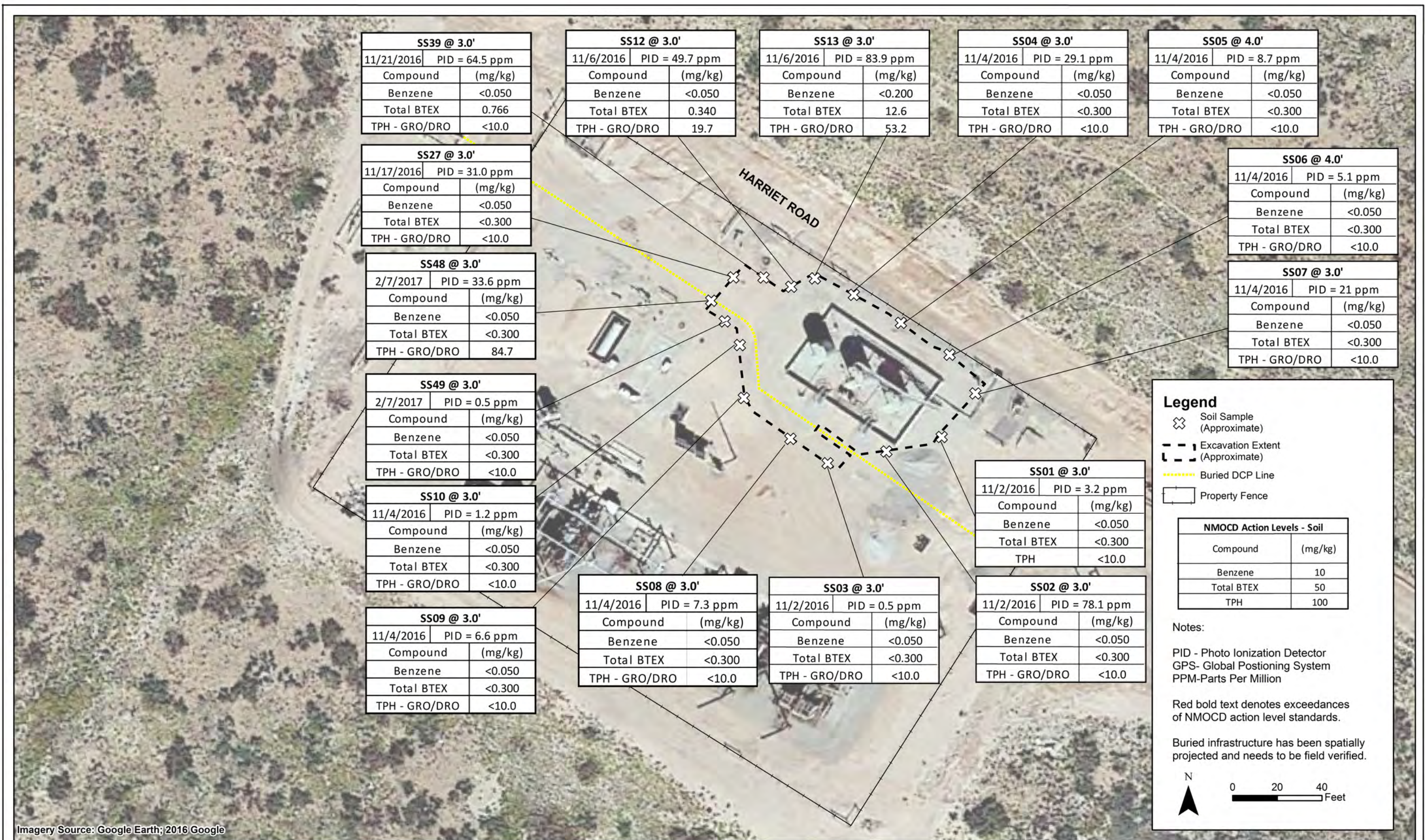


Tasman Geosciences, Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Buffalo Valley Compressor Station
SWSE Section 1, Township 15 South, Range 27 East
Chaves County, New Mexico

Site Location
Map

Figure
1



DATE:
February 2017

DESIGNED BY:
B. Humphrey

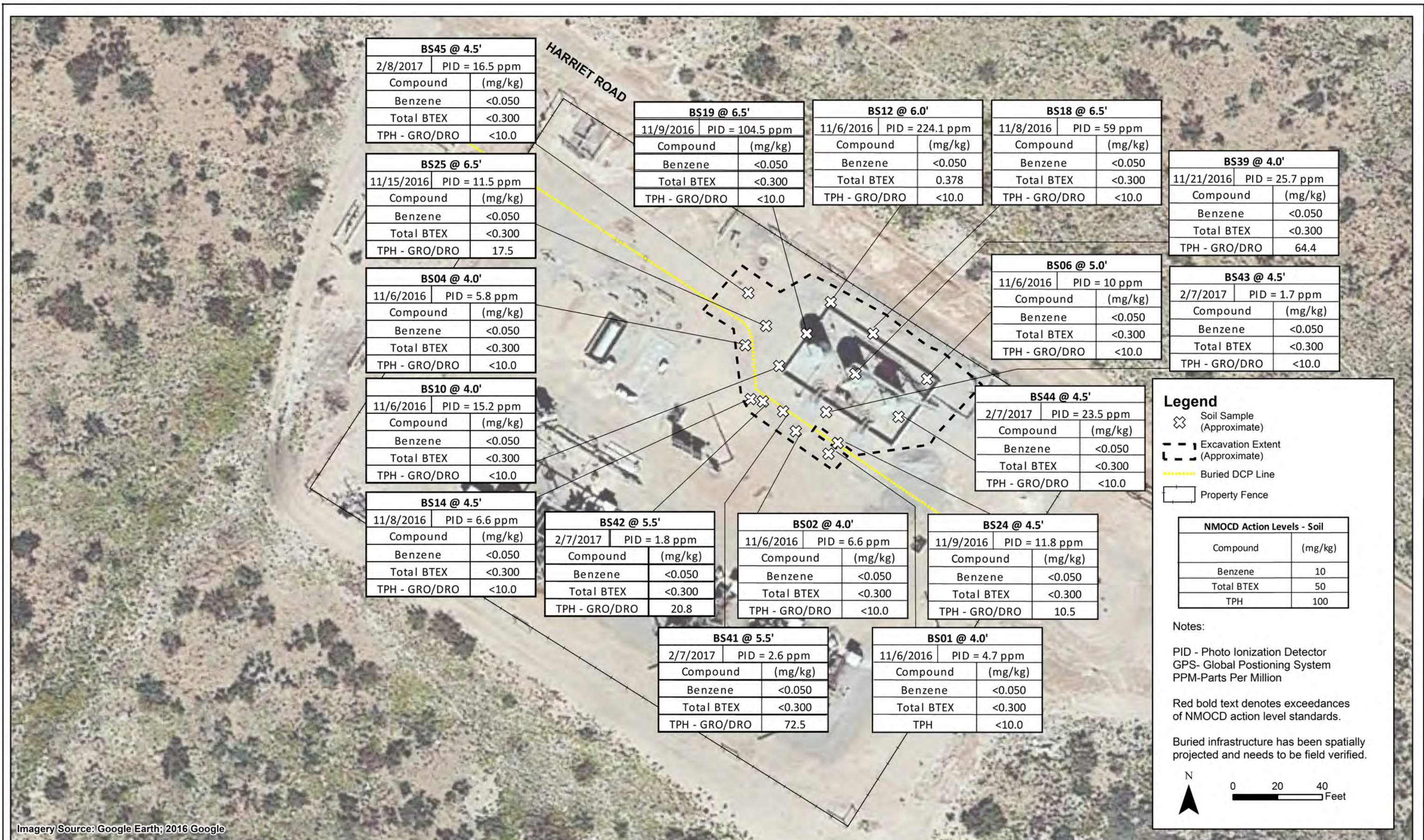
DRAWN BY:
D. Arnold



DCP Midstream
Buffalo Valley Compressor Station
SWSE Section 1, Township 15 South, Range 27 East
Chaves County, New Mexico

North Excavation Soil Sample
Analytical Figure

Figure
2



DATE:
February 2017

DESIGNED BY:
B. Humphrey

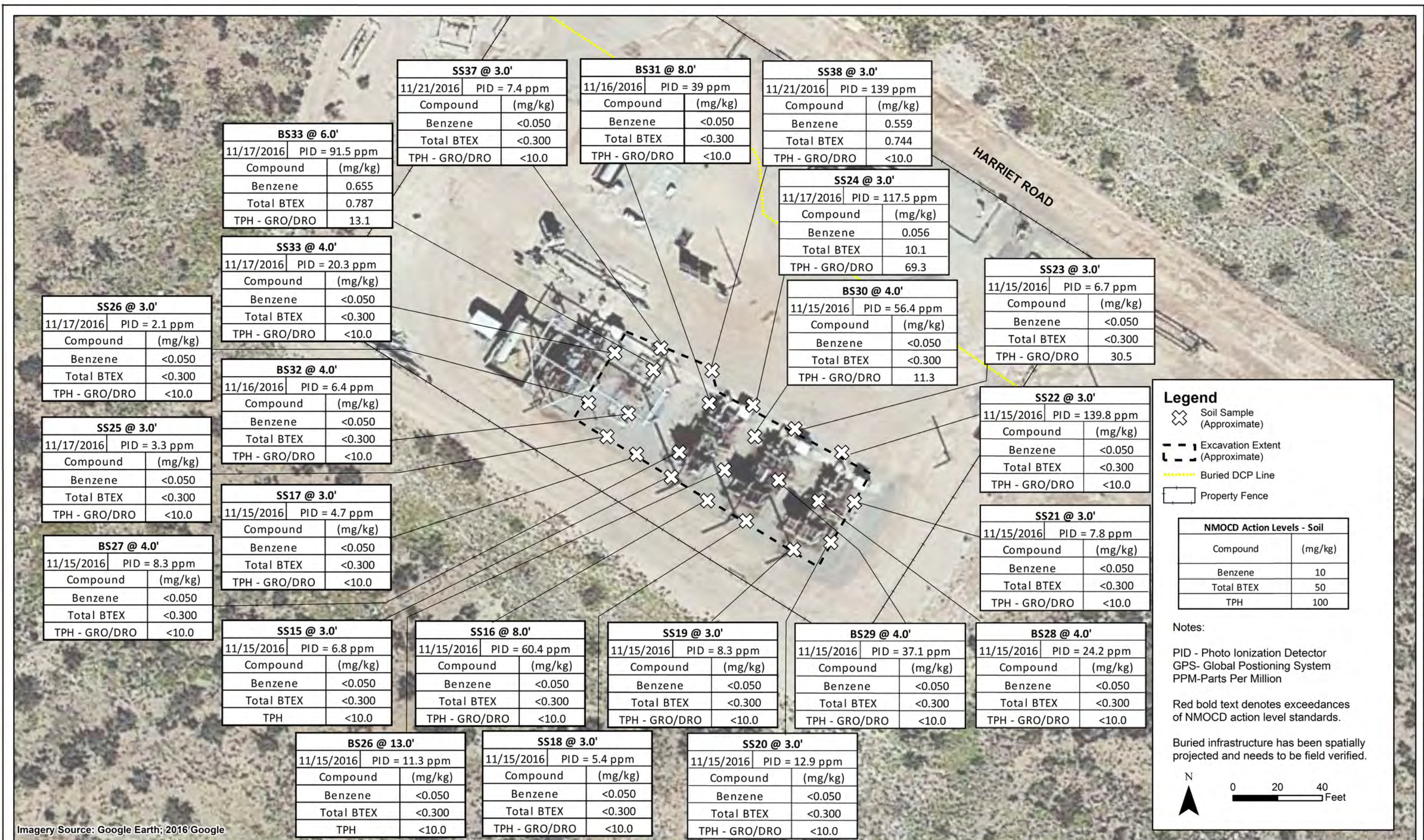
DRAWN BY:
D. Arnold

TASMAN GEOSCIENCES
Tasman Geosciences, Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Buffalo Valley Compressor Station
SWSE Section 1, Township 15 South, Range 27 East
Chaves County, New Mexico

North Excavation Base Soil
Sample Analytical Figure

Figure
3



DATE:
January 2017

DESIGNED BY:
B. Humphrey

DRAWN BY:
D. Arnold

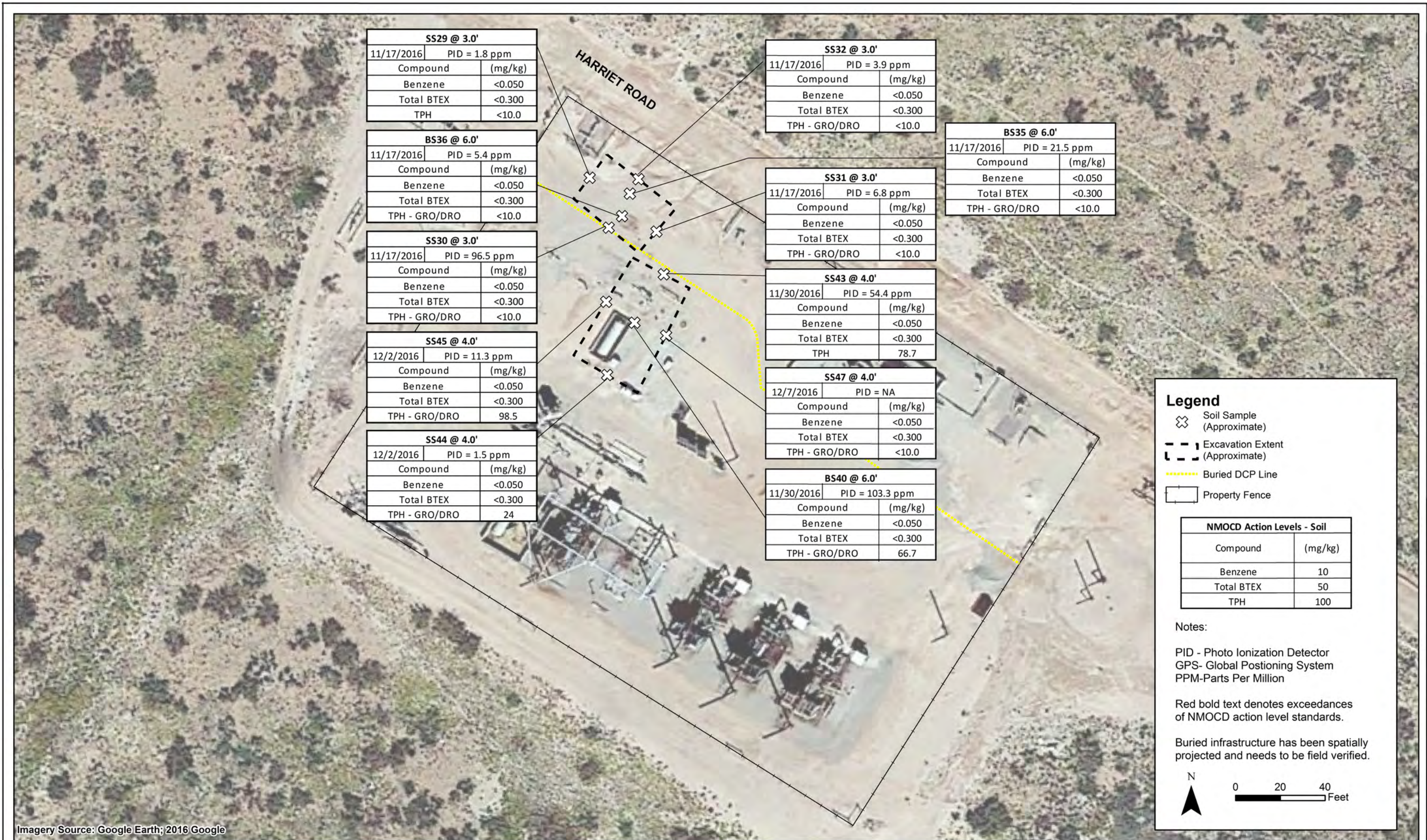
TASMAN
GEOSCIENCES

Tasman Geosciences, Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Buffalo Valley Compressor Station
SWSE Section 1, Township 15 South, Range 27 East
Chaves County, New Mexico

South Excavation Soil Sample
Analytical Figure

Figure
4



DATE:
January 2017

DESIGNED BY:
B. Humphrey

DRAWN BY:
D. Arnold

TASMAN GEOSCIENCES
Tasman Geosciences, Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Buffalo Valley Compressor Station
SWSE Section 1, Township 15 South, Range 27 East
Chaves County, New Mexico

West Excavation Soil Sample
Analytical Figure

Figure
5

Appendix A

November 03, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/02/16 18:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/02/2016	Sampling Date:	11/02/2016
Reported:	11/03/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS #01 @ 3' (H602468-01)

BTEX 8021B		mg/L		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2016	ND	2.04	102	2.00	0.534		
Toluene*	<0.050	0.050	11/03/2016	ND	2.08	104	2.00	1.03		
Ethylbenzene*	<0.050	0.050	11/03/2016	ND	2.00	100	2.00	0.575		
Total Xylenes*	<0.150	0.150	11/03/2016	ND	6.07	101	6.00	0.611		
Total BTEX	<0.300	0.300	11/03/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.7-146

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/03/2016	ND	200	100	200	0.268		
DRO >C10-C28	<10.0	10.0	11/03/2016	ND	217	108	200	5.65		

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 97.3 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/02/2016	Sampling Date:	11/02/2016
Reported:	11/03/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS #02 @ 3' (H602468-02)

BTEx 8021B		mg/L		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2016	ND	2.04	102	2.00	0.534		
Toluene*	<0.050	0.050	11/03/2016	ND	2.08	104	2.00	1.03		
Ethylbenzene*	<0.050	0.050	11/03/2016	ND	2.00	100	2.00	0.575		
Total Xylenes*	<0.150	0.150	11/03/2016	ND	6.07	101	6.00	0.611		
Total BTEX	<0.300	0.300	11/03/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.7-146

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/03/2016	ND	200	100	200	0.268		
DRO >C10-C28	<10.0	10.0	11/03/2016	ND	217	108	200	5.65		

Surrogate: 1-Chlorooctane 96.0 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/02/2016	Sampling Date:	11/02/2016
Reported:	11/03/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS #03 @ 3' (H602468-03)

BTEx 8021B		mg/L		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2016	ND	2.04	102	2.00	0.534		
Toluene*	<0.050	0.050	11/03/2016	ND	2.08	104	2.00	1.03		
Ethylbenzene*	<0.050	0.050	11/03/2016	ND	2.00	100	2.00	0.575		
Total Xylenes*	<0.150	0.150	11/03/2016	ND	6.07	101	6.00	0.611		
Total BTEX	<0.300	0.300	11/03/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.7-146

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/03/2016	ND	200	100	200	0.268		
DRO >C10-C28	<10.0	10.0	11/03/2016	ND	217	108	200	5.65		

Surrogate: 1-Chlorooctane 86.5 % 35-147

Surrogate: 1-Chlorooctadecane 83.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: DCP / Tasman

Project Manager: Steve Weathers / Brian Humphrey

Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

Project #: _____ Project Owner: _____

Project Name: _____

Project Location: Buttack Valley Compressor Station

Sampler Name: Kyle Norman

FOR LAB USE ONLY

Lab I.D. _____ Sample I.D. _____

H002448

1 SS #01 @ 3ft.

2 SS #02 @ 3ft.

3 SS #03 @ 3ft.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH

BETEX

BILL TO

P.O. #: _____

Company: _____

Attn: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone #: _____

Fax #: _____

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 11-2-16 Received By: Steve Weathers

Relinquished By: Kyle Norman Date: 11-2-16 Received By: Steve Weathers

Time: 10:10

Time: _____

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: 1.90

Sample Condition

Cool ☒ Intact ☒ Yes ☐ No ☐ Yes ☐ No ☐ No

Phone Result: ☐ Yes ☐ No Add'l Phone #: _____

Fax Result: ☐ Yes ☐ No Add'l Fax #: _____

REMARKS: SSU Weathers @ dcpmidstream.com

B Humphrey @ tasman-geo.com

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

November 07, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFALLO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/04/16 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 04 @ 3' (H602502-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTEx	<0.300	0.300	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233	
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433	

Surrogate: 1-Chlorooctane 97.3 % 35-147

Surrogate: 1-Chlorooctadecane 76.6 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 05 @ 4' (H602502-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	0.189	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233		
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433		

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 86.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 06 @ 4' (H602502-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233		
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433		

Surrogate: 1-Chlorooctane 87.3 % 35-147

Surrogate: 1-Chlorooctadecane 91.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 07 @ 3' (H602502-04)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233		
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433		

Surrogate: 1-Chlorooctane 89.3 % 35-147

Surrogate: 1-Chlorooctadecane 96.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 08 @ 3' (H602502-05)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233		
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433		

Surrogate: 1-Chlorooctane 88.9 % 35-147

Surrogate: 1-Chlorooctadecane 93.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 09 @ 3' (H602502-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTEX	<0.300	0.300	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233	
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433	

Surrogate: 1-Chlorooctane 77.2 % 35-147

Surrogate: 1-Chlorooctadecane 83.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/04/2016	Sampling Date:	11/04/2016
Reported:	11/07/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 10 @ 3' (H602502-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTEX	<0.300	0.300	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2016	ND	194	97.1	200	0.233	
DRO >C10-C28	<10.0	10.0	11/05/2016	ND	195	97.5	200	0.433	

Surrogate: 1-Chlorooctane 85.3 % 35-147

Surrogate: 1-Chlorooctadecane 85.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

PRINCIPAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

BU5#

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020
ANALYSIS REQUEST

Company Name:		DGP Midstream / Tasman Geoscience	P.O.#:	
Project Manager:		Steve Weathers / Brian Humphrey	Company:	
Address:			Attn:	
City:	State:	NM	Zip:	
Phone #:	Fax #:		Address:	
Project #:	Project Owner:		City:	
Project Name:	State:		Zip:	
Project Location:		Buffalo Valley Compressor Station	Phone #:	
Sample Name:		Kyle Norman	Fax #:	

FOR LAB USE ONLY		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING				
Lab I.D.	Sample I.D.			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX
H100502								Texas TPH <th>Complete Cations/Anions</th> <th>TDS</th>	Complete Cations/Anions	TDS
1	SS 04 @ 3 ft.	G1	/	/	/	11-4-16	11:45	/	/	/
2	SS 05 @ 4 ft.	G1	/	/	/	" "	12:00	/	/	/
3	SS 06 @ 4 ft.	G1	/	/	/	" "	12:50	/	/	/
4	SS 07 @ 3 ft.	G1	/	/	/	" "	1:00	/	/	/
5	SS 08 @ 3 ft.	G1	/	/	/	" "	1:15	/	/	/
6	SS 09 @ 3 ft.	G1	/	/	/	" "	1:30	/	/	/
7	SS 10 @ 3 ft.	G1	/	/	/	" "	1:45	/	/	/

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Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
kyle Nk	4-16	Modi Jensen	Fax Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Time:	4:10		REMARKS:		
Date:					
Time:					

Delivered By:: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials) [Signature]
2.4e	No	[Signature]

Email results: swweathers@dcpmidstream.com
bhumphrey@tasman-geo.com

November 08, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/07/16 8:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS11 @ 3' (H602505-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.648	0.200	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	8.89	0.200	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	3.39	0.200	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	13.1	0.600	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTX	26.0	1.20	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	311	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	9290	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 94.2 % 35-147

Surrogate: 1-Chlorooctadecane 348 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS12 @ 3' (H602505-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	0.340	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	0.340	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	19.7	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 80.4 % 35-147

Surrogate: 1-Chlorooctadecane 83.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS13 @ 4' (H602505-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/08/2016	ND	2.39	120	2.00	0.324	
Toluene*	11.5	0.200	11/08/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	0.200	0.200	11/08/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	0.945	0.600	11/08/2016	ND	6.90	115	6.00	0.505	
Total BTEX	12.6	1.20	11/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	28.6	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	24.6	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 89.7 % 35-147

Surrogate: 1-Chlorooctadecane 90.7 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS01 @ 4' (H602505-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/08/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/08/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/08/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/08/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/08/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 88.9 % 35-147

Surrogate: 1-Chlorooctadecane 81.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS02 @ 4' (H602505-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 89.3 % 35-147

Surrogate: 1-Chlorooctadecane 81.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS03 @ 4' (H602505-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	722	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 91.7 % 35-147

Surrogate: 1-Chlorooctadecane 91.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS04 @ 4' (H602505-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTEX	<0.300	0.300	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04	
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616	

Surrogate: 1-Chlorooctane 88.7 % 35-147

Surrogate: 1-Chlorooctadecane 89.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS06 @ 5' (H602505-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 98.5 % 35-147

Surrogate: 1-Chlorooctadecane 89.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS10 @ 4' (H602505-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324		
Toluene*	<0.050	0.050	11/07/2016	ND	2.43	122	2.00	0.577		
Ethylbenzene*	<0.050	0.050	11/07/2016	ND	2.30	115	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/07/2016	ND	6.90	115	6.00	0.505		
Total BTEX	<0.300	0.300	11/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 94.8 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS12 @ 6' (H602505-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2016	ND	2.39	120	2.00	0.324	
Toluene*	0.062	0.050	11/07/2016	ND	2.43	122	2.00	0.577	
Ethylbenzene*	0.054	0.050	11/07/2016	ND	2.30	115	2.00	0.415	
Total Xylenes*	0.262	0.150	11/07/2016	ND	6.90	115	6.00	0.505	
Total BTEX	0.378	0.300	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/07/2016	ND	192	96.2	200	1.04	
DRO >C10-C28	<10.0	10.0	11/07/2016	ND	191	95.3	200	0.616	

Surrogate: 1-Chlorooctane 92.6 % 35-147

Surrogate: 1-Chlorooctadecane 94.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/07/2016	Sampling Date:	11/06/2016
Reported:	11/08/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS13 @ 4' (H602505-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.442	0.200	11/07/2016	ND	2.25	113	2.00	0.355	
Toluene*	4.34	0.200	11/07/2016	ND	2.28	114	2.00	1.03	
Ethylbenzene*	4.05	0.200	11/07/2016	ND	2.18	109	2.00	1.00	
Total Xylenes*	19.3	0.600	11/07/2016	ND	6.63	110	6.00	0.532	
Total BTEX	28.1	1.20	11/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	466	10.0	11/07/2016	ND	192	96.2	200	1.04		
DRO >C10-C28	4480	10.0	11/07/2016	ND	191	95.3	200	0.616		

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 151 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

1 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:	BILL TO		ANALYSIS REQUEST	
Project Manager: Steve Weathers / Brian Humphrey		Company:				
Address:		Attn:				
City:	State: NM Zip:	Address:				
Phone #:	Fax #:	City:				
Project #:	Project Owner:	State: Zip:				
Project Name:		Phone #:				
Project Location: Buffalo Valley Compressor Station		Fax #:				
Sampler Name: Kyle Norman						

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :									ACID/BASE:
1	5S11 @ 3 ft.	G	1								11-6-16	10:30						
2	5S12 @ 3 ft.	G	1									10:35						
3	5S13 @ 4 ft.	G	1									10:40						
4	BS01 @ 4 ft.	G	1									11:00						
5	BS02 @ 4 ft.	G	1									11:05						
6	BS03 @ 4 ft.	G	1									11:10						
7	BS04 @ 4 ft.	G	1									11:15						
8	BS06 @ 5 ft.	G	1									11:30						
9	BS10 @ 4 ft.	G	1									12:15						
10	BS12 @ 6 ft.	G	1									12:40						

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Relinquished By: <i>Kyle N</i>	Date: 11-7-16	Received By: <i>Steve Weathers</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Reinquired By:	Time: 8:08	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	#75	2.72	CHECKED BY: <i>[Signature]</i>	
Sampler - UPS - Bus - Other:			REMARKS:	

email results: swweathers@dcpmidstream.com
bhumphrey@tasman-geo.com

November 11, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFALLO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/09/16 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/08/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 14 @ 4.5' (H602530-01)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2016	ND	2.14	107	2.00	0.796		
Toluene*	<0.050	0.050	11/10/2016	ND	2.19	110	2.00	1.56		
Ethylbenzene*	<0.050	0.050	11/10/2016	ND	2.12	106	2.00	2.04		
Total Xylenes*	<0.150	0.150	11/10/2016	ND	6.45	108	6.00	1.98		
Total BTX	<0.300	0.300	11/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/10/2016	ND	173	86.3	200	1.84		
DRO >C10-C28	<10.0	10.0	11/10/2016	ND	180	90.2	200	0.365		

Surrogate: 1-Chlorooctane 80.4 % 35-147

Surrogate: 1-Chlorooctadecane 82.6 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 18 @ 6.5' (H602530-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2016	ND	2.14	107	2.00	0.796		
Toluene*	<0.050	0.050	11/10/2016	ND	2.19	110	2.00	1.56		
Ethylbenzene*	<0.050	0.050	11/10/2016	ND	2.12	106	2.00	2.04		
Total Xylenes*	<0.150	0.150	11/10/2016	ND	6.45	108	6.00	1.98		
Total BTEX	<0.300	0.300	11/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/10/2016	ND	173	86.3	200	1.84		
DRO >C10-C28	<10.0	10.0	11/10/2016	ND	180	90.2	200	0.365		

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 99.2 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 19 @ 6.5' (H602530-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2016	ND	2.14	107	2.00	0.796	
Toluene*	<0.050	0.050	11/10/2016	ND	2.19	110	2.00	1.56	
Ethylbenzene*	<0.050	0.050	11/10/2016	ND	2.12	106	2.00	2.04	
Total Xylenes*	<0.150	0.150	11/10/2016	ND	6.45	108	6.00	1.98	
Total BTEX	<0.300	0.300	11/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/10/2016	ND	173	86.3	200	1.84	
DRO >C10-C28	<10.0	10.0	11/10/2016	ND	180	90.2	200	0.365	

Surrogate: 1-Chlorooctane 94.5 % 35-147

Surrogate: 1-Chlorooctadecane 97.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 20 @ 6' (H602530-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.390	0.050	11/10/2016	ND	2.14	107	2.00	0.796	
Toluene*	0.614	0.050	11/10/2016	ND	2.19	110	2.00	1.56	
Ethylbenzene*	0.450	0.050	11/10/2016	ND	2.12	106	2.00	2.04	
Total Xylenes*	1.56	0.150	11/10/2016	ND	6.45	108	6.00	1.98	
Total BTEX	3.02	0.300	11/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	55.5	10.0	11/10/2016	ND	173	86.3	200	1.84	
DRO >C10-C28	1220	10.0	11/10/2016	ND	180	90.2	200	0.365	

Surrogate: 1-Chlorooctane 87.5 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 21 @ 4.5' (H602530-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.258	0.050	11/10/2016	ND	2.14	107	2.00	0.796	
Toluene*	0.821	0.050	11/10/2016	ND	2.19	110	2.00	1.56	
Ethylbenzene*	1.61	0.050	11/10/2016	ND	2.12	106	2.00	2.04	
Total Xylenes*	4.58	0.150	11/10/2016	ND	6.45	108	6.00	1.98	
Total BTEX	7.27	0.300	11/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	63.9	10.0	11/10/2016	ND	173	86.3	200	1.84	
DRO >C10-C28	903	10.0	11/10/2016	ND	180	90.2	200	0.365	

Surrogate: 1-Chlorooctane 91.4 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 22 @ 4.5' (H602530-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.389	0.050	11/11/2016	ND	2.20	110	2.00	1.51	
Toluene*	0.886	0.050	11/11/2016	ND	2.26	113	2.00	1.90	
Ethylbenzene*	0.631	0.050	11/11/2016	ND	2.18	109	2.00	2.48	
Total Xylenes*	2.07	0.150	11/11/2016	ND	6.63	111	6.00	2.54	
Total BTEX	3.97	0.300	11/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	85.4	50.0	11/11/2016	ND	190	94.8	200	5.13		
DRO >C10-C28	5400	50.0	11/11/2016	ND	200	99.8	200	4.45		

Surrogate: 1-Chlorooctane 97.4 % 35-147

Surrogate: 1-Chlorooctadecane 160 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/09/2016	Sampling Date:	11/09/2016
Reported:	11/11/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 24 @ 4.5' (H602530-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2016	ND	2.14	107	2.00	0.796	
Toluene*	<0.050	0.050	11/10/2016	ND	2.19	110	2.00	1.56	
Ethylbenzene*	<0.050	0.050	11/10/2016	ND	2.12	106	2.00	2.04	
Total Xylenes*	<0.150	0.150	11/10/2016	ND	6.45	108	6.00	1.98	
Total BTEX	<0.300	0.300	11/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/10/2016	ND	173	86.3	200	1.84	
DRO >C10-C28	10.5	10.0	11/10/2016	ND	180	90.2	200	0.365	

Surrogate: 1-Chlorooctane 94.4 % 35-147

Surrogate: 1-Chlorooctadecane 91.1 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

BUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

November 17, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/16/16 7:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 14 @ 3' (H602561-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.922	0.500	11/16/2016	ND	2.17	109	2.00	0.665	
Toluene*	19.4	0.500	11/16/2016	ND	2.21	110	2.00	0.443	
Ethylbenzene*	2.83	0.500	11/16/2016	ND	2.15	108	2.00	0.430	
Total Xylenes*	6.77	1.50	11/16/2016	ND	6.51	108	6.00	0.339	
Total BTX	29.9	3.00	11/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	225	50.0	11/16/2016	ND	189	94.3	200	3.78	QM-07, QR-03	
DRO >C10-C28	8270	50.0	11/16/2016	ND	202	101	200	2.85	QM-07	

Surrogate: 1-Chlorooctane 95.2 % 35-147

Surrogate: 1-Chlorooctadecane 227 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 25 @ 6.5' (H602561-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665	
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443	
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430	
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339	
Total BTEX	<0.300	0.300	11/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78	
DRO >C10-C28	17.5	10.0	11/16/2016	ND	202	101	200	2.85	

Surrogate: 1-Chlorooctane 88.3 % 35-147

Surrogate: 1-Chlorooctadecane 92.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 15 @ 3' (H602561-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665	
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443	
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430	
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339	
Total BTEX	<0.300	0.300	11/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78	
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 16 @ 8' (H602561-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 17 @ 3' (H602561-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 91.8 % 35-147

Surrogate: 1-Chlorooctadecane 92.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 18 @ 3' (H602561-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 83.5 % 35-147

Surrogate: 1-Chlorooctadecane 84.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 19 @ 3' (H602561-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 92.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 20 @ 3' (H602561-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 86.1 % 35-147

Surrogate: 1-Chlorooctadecane 93.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 21 @ 3' (H602561-09)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 75.6 % 35-147

Surrogate: 1-Chlorooctadecane 84.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 22 @ 3' (H602561-10)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	0.080	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 86.7 % 35-147

Surrogate: 1-Chlorooctadecane 90.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 23 @ 3' (H602561-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	30.5	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 91.4 % 35-147

Surrogate: 1-Chlorooctadecane 97.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 26 @ 13' (H602561-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 27 @ 4' (H602561-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 91.3 % 35-147

Surrogate: 1-Chlorooctadecane 92.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 28 @ 4' (H602561-14)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 80.4 % 35-147

Surrogate: 1-Chlorooctadecane 82.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 29 @ 4' (H602561-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2016	ND	2.17	109	2.00	0.665	
Toluene*	<0.050	0.050	11/16/2016	ND	2.21	110	2.00	0.443	
Ethylbenzene*	<0.050	0.050	11/16/2016	ND	2.15	108	2.00	0.430	
Total Xylenes*	<0.150	0.150	11/16/2016	ND	6.51	108	6.00	0.339	
Total BTEX	<0.300	0.300	11/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78	
DRO >C10-C28	<10.0	10.0	11/16/2016	ND	202	101	200	2.85	

Surrogate: 1-Chlorooctane 90.5 % 35-147

Surrogate: 1-Chlorooctadecane 96.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/16/2016	Sampling Date:	11/15/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 30 @ 4' (H602561-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2016	ND	2.17	109	2.00	0.665		
Toluene*	<0.050	0.050	11/17/2016	ND	2.21	110	2.00	0.443		
Ethylbenzene*	<0.050	0.050	11/17/2016	ND	2.15	108	2.00	0.430		
Total Xylenes*	<0.150	0.150	11/17/2016	ND	6.51	108	6.00	0.339		
Total BTEX	<0.300	0.300	11/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/16/2016	ND	189	94.3	200	3.78		
DRO >C10-C28	11.3	10.0	11/16/2016	ND	202	101	200	2.85		

Surrogate: 1-Chlorooctane 79.2 % 35-147

Surrogate: 1-Chlorooctadecane 84.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

1 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:		BILL TO		ANALYSIS REQUEST															
Project Manager: Steve Weathers / Brian Humphrey		Company:																			
Address:		Attn:																			
City:		Address:																			
Phone #:		City:																			
Fax #:		State:																			
Project #:		Zip:																			
Project Name:		Phone #:																			
Project Location: Buffalo Valley Compressor Station		Fax #:																			
Sampler Name: Kyle Norman		PRESERV		SAMPLING																	
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	
HL02561	SS14 @ 6.5 ft.	✓	1	✓									11-13-11	1:00	✓	✓	✓				
1	BS 25 @ 6.5 ft.													1:15	✓	✓	✓				
2	SS15 @ 3 ft.													1:45	✓	✓	✓				
3	SS16 @ 8 ft.													2:00	✓	✓	✓				
4	SS17 @ 3 ft.													2:05	✓	✓	✓				
5	SS18 @ 3 ft.													2:10	✓	✓	✓				
6	SS19 @ 3 ft.													2:15	✓	✓	✓				
7	SS20 @ 3 ft.													2:25	✓	✓	✓				
8	SS21 @ 3 ft.													2:30	✓	✓	✓				
9	SS22 @ 3 ft.													2:40	✓	✓	✓				
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Relinquished By: <i>byd</i>		Date: 11-16-11		Received By: <i>Steve Weathers</i>		Time: 9:45 AM		Date: 11-16-11		Time: 9:45 AM		Sample Condition		CHECKED BY: <i>[Signature]</i>		REMARKS:		email results: swweathers@dcpmidstream.com		bhumphrey@tasman-geo.com	
Relinquished By:		Date:		Received By:		Time:		Sample Condition		CHECKED BY:		REMARKS:		email results:							
Delivered By: (Circle One)		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Sampler - UPS - Bus - Other: #75		0.32																			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

2 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:		BILL TO																																					
Project Manager: Steve Weathers / Brian Humphrey		Company:		ANALYSIS REQUEST																																					
Address:		Attn:																																							
City:		Address:																																							
State: NM Zip:		City:																																							
Phone #:		State:																																							
Fax #:		Zip:																																							
Project #:		Project Owner:																																							
Project Name:		Phone #:																																							
Project Location: Buffalo Valley Compressor Station		Fax #:																																							
Sampler Name: Kyle Norman																																									
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H002561		5523 @ 3 ft.		1		1		✓												✓						11-16-16		3:06													
11		BS22 @ 4 ft. 13'																								3:10															
12		BS22 @ 4 ft. 13'																								3:15															
13		BS22 @ 4 ft. 13'																								3:20															
14		BS22 @ 4 ft. 13'																								3:30															
15		BS22 @ 4 ft. 13'																								3:45															
16		BS30 @ 4 ft. 13'																								3:45															
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Delivered By: (Circle One)		Sampler - UPS - Bus - Other: #75		0:30																																					
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476																																									
REMARKS:														Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:																									
email results: swweathers@dcpmidstream.com														Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:																									
bhumphrey@tasman-geo.com																																									

November 17, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/17/16 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/17/2016	Sampling Date:	11/16/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 31@ 8' (H602583-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2016	ND	2.16	108	2.00	0.116	
Toluene*	<0.050	0.050	11/17/2016	ND	2.24	112	2.00	1.41	
Ethylbenzene*	<0.050	0.050	11/17/2016	ND	2.14	107	2.00	0.139	
Total Xylenes*	<0.150	0.150	11/17/2016	ND	6.41	107	6.00	0.918	
Total BTEX	<0.300	0.300	11/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/17/2016	ND	188	93.8	200	0.125		
DRO >C10-C28	<10.0	10.0	11/17/2016	ND	200	100	200	1.26		

Surrogate: 1-Chlorooctane 86.6 % 35-147

Surrogate: 1-Chlorooctadecane 90.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/17/2016	Sampling Date:	11/16/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 32@ 4' (H602583-02)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2016	ND	2.16	108	2.00	0.116		
Toluene*	<0.050	0.050	11/17/2016	ND	2.24	112	2.00	1.41		
Ethylbenzene*	<0.050	0.050	11/17/2016	ND	2.14	107	2.00	0.139		
Total Xylenes*	<0.150	0.150	11/17/2016	ND	6.41	107	6.00	0.918		
Total BTEX	<0.300	0.300	11/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/17/2016	ND	188	93.8	200	0.125		
DRO >C10-C28	<10.0	10.0	11/17/2016	ND	200	100	200	1.26		

Surrogate: 1-Chlorooctane 93.2 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: DCP Midstream		P.O. #:		BILL TO																																					
Project Manager: Steve Weathers / Brian Humphrey		Company:		ANALYSIS REQUEST																																					
Address:		Attn:																																							
City:		Address:																																							
State:		City:																																							
Zip:		State:																																							
Phone #:		Fax #:																																							
Project #:		Project Owner:																																							
Project Name:		State:																																							
Project Location: Buffalo Valley Compressor Station		Zip:																																							
Sampler Name: Kyle Norcross		Phone #:																																							
Fax #:																																									
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H602583		BS31 @ 8 ft.		G		1		1		1		1		1		1		1		1		1		1		11-16-16		10:00		TPH											
2		BS32 @ 4 ft.		G		1		1		1		1		1		1		1		1		1		1		11:00		11:00		BETEX											
Relinquished By:		Date: 11-17-16		Received By:		Date:		Time:		Sample Condition		Cool / Intact		Checked By:																											
Relinquished By:		Time: 4:00		Received By:		Time:		Sample Condition		Cool / Intact		Checked By:																													
Delivered By: (Circle One)		#75		5.40		Sample Condition		Cool / Intact		Checked By:																															
Sampler - UPS - Bus - Other:		#75		5.40		Sample Condition		Cool / Intact		Checked By:																															
Remarks:		Steve Weathers		Brian Humphrey																																					
Phone Result:		Fax Result:		Add'l Phone #:																																					
REMARKS:		Steve Weathers @ dcpmidstream.com		bhumphrey@tasman-geo.com																																					

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

November 18, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/18/16 7:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 24 @ 3' (H602597-01)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.056	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	1.11	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	1.38	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	7.58	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	10.1	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 73.6-140

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	35.9	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	33.4	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 95.2 % 35-147

Surrogate: 1-Chlorooctadecane 115 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 25 @ 3' (H602597-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 26 @ 3' (H602597-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 92.4 % 35-147

Surrogate: 1-Chlorooctadecane 97.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 27 @ 3' (H602597-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	<0.300	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 75.6 % 35-147

Surrogate: 1-Chlorooctadecane 85.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 28 @ 3' (H602597-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.244	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	16.8	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	0.279	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	1.48	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	18.8	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	26.5	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	4000	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 137 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 33 @ 6' (H602597-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.655	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	0.132	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTX	0.787	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	13.1	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 34 @ 4' (H602597-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	0.105	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	0.249	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	0.355	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	175	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 90.1 % 35-147

Surrogate: 1-Chlorooctadecane 92.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 29 @ 3' (H602597-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	<0.300	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 77.2 % 35-147

Surrogate: 1-Chlorooctadecane 83.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 30 @ 3' (H602597-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 90.9 % 35-147

Surrogate: 1-Chlorooctadecane 94.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 31 @ 3' (H602597-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 91.8 % 35-147

Surrogate: 1-Chlorooctadecane 90.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 32 @ 3' (H602597-11)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 96.0 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 35 @ 6' (H602597-12)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	<0.300	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 84.8 % 35-147

Surrogate: 1-Chlorooctadecane 95.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 36 @ 6' (H602597-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51	
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69	
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17	
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12	
Total BTEX	<0.300	0.300	11/18/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72	
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40	

Surrogate: 1-Chlorooctane 89.3 % 35-147

Surrogate: 1-Chlorooctadecane 98.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/17/2016
Reported:	11/18/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 33 @ 4' (H602597-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2016	ND	2.24	112	2.00	1.51		
Toluene*	<0.050	0.050	11/18/2016	ND	2.29	114	2.00	1.69		
Ethylbenzene*	<0.050	0.050	11/18/2016	ND	2.21	110	2.00	1.17		
Total Xylenes*	<0.150	0.150	11/18/2016	ND	6.71	112	6.00	1.12		
Total BTEX	<0.300	0.300	11/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/18/2016	ND	186	93.2	200	5.72		
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	199	99.3	200	6.40		

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:		BILL TO		ANALYSIS REQUEST														
Project Manager: Steve Weathers / Brian Humphrey		Company:																		
Address:		Attn:																		
City:		Address:																		
State:		City:																		
Zip:		State:																		
Phone #:		Fax #:																		
Project #:		Project Owner:																		
Project Name:		State:																		
Project Location: Buffalo Valley Compressor Station		Phone #:																		
Fax #:																				
Sampler Name: Kyle Norman		PRESERV.		SAMPLING																
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS
H1602597	5524 @ 3'	G	1										11-17-16	9:45						
1	5524 @ 3'												11-17-16	9:45						
2	5525 @ 3'												10:15							
3	5526 @ 3'												10:20							
4	5527 @ 3'												10:30							
5	5528 @ 3'												10:45							
6	5533 @ 6'												10:55							
7	5534 @ 4'												11:00							
8	5529 @ 3'												11:05							
9	5530 @ 3'												11:20							
10	5531 @ 3'												11:20							
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Delivered By: (Circle One)		#75		1.40		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:								
Sampler - UPS - Bus - Other:																				

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

ORDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience Project Manager: Steve Weathers / Brian Humphrey Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: Buffalo Valley Compressor Station Sample Name: Kyle Norman										BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:																			
FOR LAB USE ONLY										ANALYSIS REQUEST																			
Lab I.D. Sample I.D. H1602 547 11 5532 03' 12 BS3506' 13 BS3606' 14 SS3304'										(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME										MATRIX PRESERV SAMPLING Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS									
Relinquished By: <i>[Signature]</i> Relinquished By: <i>[Signature]</i> Delivered By: (Circle One) <i>#75</i> Sampler - UPS - Bus - Other:										Received By: <i>[Signature]</i> Received By: <i>[Signature]</i> Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>										REMARKS: email results: swweathers@dcpmidstream bhumphrey@tasman-geo.com									



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 22, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/21/16 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 37 @ 4' (H602611-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2016	ND	2.22	111	2.00	8.32	
Toluene*	0.134	0.050	11/22/2016	ND	2.25	112	2.00	9.56	
Ethylbenzene*	0.192	0.050	11/22/2016	ND	2.13	106	2.00	12.1	
Total Xylenes*	1.82	0.150	11/22/2016	ND	6.45	107	6.00	12.0	
Total BTEX	2.15	0.300	11/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/21/2016	ND	180	89.9	200	0.464	
DRO >C10-C28	108	10.0	11/21/2016	ND	187	93.6	200	0.449	

Surrogate: 1-Chlorooctane 85.9 % 35-147

Surrogate: 1-Chlorooctadecane 91.7 % 28-171

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 38 @ 4' (H602611-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2016	ND	2.22	111	2.00	8.32	
Toluene*	0.062	0.050	11/22/2016	ND	2.25	112	2.00	9.56	
Ethylbenzene*	0.670	0.050	11/22/2016	ND	2.13	106	2.00	12.1	
Total Xylenes*	5.24	0.150	11/22/2016	ND	6.45	107	6.00	12.0	
Total BTEX	5.97	0.300	11/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 180 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	198	10.0	11/21/2016	ND	180	89.9	200	0.464	
DRO >C10-C28	492	10.0	11/21/2016	ND	187	93.6	200	0.449	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 77.4 % 28-171

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: BS 39 @ 4' (H602611-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2016	ND	2.22	111	2.00	8.32		
Toluene*	<0.050	0.050	11/22/2016	ND	2.25	112	2.00	9.56		
Ethylbenzene*	<0.050	0.050	11/22/2016	ND	2.13	106	2.00	12.1		
Total Xylenes*	0.188	0.150	11/22/2016	ND	6.45	107	6.00	12.0		
Total BTEX	<0.300	0.300	11/22/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/21/2016	ND	180	89.9	200	0.464		
DRO >C10-C28	64.4	10.0	11/21/2016	ND	187	93.6	200	0.449		

Surrogate: 1-Chlorooctane 86.3 % 35-147

Surrogate: 1-Chlorooctadecane 87.3 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 37 @ 3' (H602611-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2016	ND	2.22	111	2.00	8.32	
Toluene*	<0.050	0.050	11/22/2016	ND	2.25	112	2.00	9.56	
Ethylbenzene*	<0.050	0.050	11/22/2016	ND	2.13	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	11/22/2016	ND	6.45	107	6.00	12.0	
Total BTEX	<0.300	0.300	11/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/21/2016	ND	180	89.9	200	0.464	
DRO >C10-C28	<10.0	10.0	11/21/2016	ND	187	93.6	200	0.449	

Surrogate: 1-Chlorooctane 86.4 % 35-147

Surrogate: 1-Chlorooctadecane 89.7 % 28-171

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 38 @ 3' (H602611-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.559	0.050	11/21/2016	ND	2.42	121	2.00	0.705		
Toluene*	<0.050	0.050	11/21/2016	ND	2.48	124	2.00	1.14		
Ethylbenzene*	<0.050	0.050	11/21/2016	ND	2.40	120	2.00	0.997		
Total Xylenes*	<0.150	0.150	11/21/2016	ND	7.31	122	6.00	0.967		
Total BTEX	0.744	0.300	11/21/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/21/2016	ND	180	89.9	200	0.464		
DRO >C10-C28	<10.0	10.0	11/21/2016	ND	187	93.6	200	0.449		

Surrogate: 1-Chlorooctane 92.1 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/21/2016	Sampling Date:	11/21/2016
Reported:	11/22/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 39 @ 3' (H602611-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2016	ND	2.42	121	2.00	0.705	
Toluene*	0.643	0.050	11/21/2016	ND	2.48	124	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/21/2016	ND	2.40	120	2.00	0.997	
Total Xylenes*	<0.150	0.150	11/21/2016	ND	7.31	122	6.00	0.967	
Total BTEX	0.766	0.300	11/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/21/2016	ND	180	89.9	200	0.464	
DRO >C10-C28	<10.0	10.0	11/21/2016	ND	187	93.6	200	0.449	

Surrogate: 1-Chlorooctane 79.9 % 35-147

Surrogate: 1-Chlorooctadecane 82.9 % 28-171

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

1 of 1

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:		BILL TO										ANALYSIS REQUEST																																																																											
Project Manager: Steve Weathers / Brian Humphrey		Company:																																																																																							
Address:		Attn:																																																																																							
City:		Address:																																																																																							
Phone #:		City:																																																																																							
Fax #:		State:																																																																																							
Project #:		Zip:																																																																																							
Project Name:		Phone #:																																																																																							
Project Location: Buffalo Valley Compressor Station		Fax #:																																																																																							
Sampler Name: Kyle Norman																																																																																									
FOR LAB USE ONLY																																																																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chlorides										TPH 8015 M										BTEX										Texas TPH										Complete Cations/Anions										TDS									
HGD2611		BS 37 @ 4'		G1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:35		✓										✓										✓										✓																													
1		BS 38 @ 4'		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:39		✓										✓										✓										✓																													
2		BS 39 @ 4'		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:45		✓										✓										✓										✓																													
3		SS 37 @ 3'		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:50		✓										✓										✓										✓																													
4		SS 38 @ 3'		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:55		✓										✓										✓										✓																													
5		SS 39 @ 3'		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		11-21-16		6:59		✓										✓										✓										✓																													
6																																																																																									

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Relinquished By: Kyle Norman Date: 11-21-16 Received By: Steve Weathers Time: 1:40

Relinquished By: Kyle Norman Date: 11-21-16 Received By: Steve Weathers Time: 1:40

Delivered By: (Circle One) #75 - UPS - Bus - Other: -0.30 Sample Condition: ☒ Cool ☒ Intact ☐ Yes ☐ No ☐ Yes ☐ No

Checked By: [Signature]

REMARKS: email results: swweathers@dcpmidstream.com
bhumphrey@tasman-geo.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 01, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/30/16 19:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 19 (H602676-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2016	ND	2.00	100	2.00	0.929	
Toluene*	0.711	0.050	12/01/2016	ND	2.05	102	2.00	1.33	
Ethylbenzene*	1.00	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46	
Total Xylenes*	5.87	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35	
Total BTX	7.58	0.300	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	59.8	10.0	12/01/2016	ND	188	93.9	200	2.53	
DRO >C10-C28	84.9	10.0	12/01/2016	ND	198	99.0	200	2.83	

Surrogate: 1-Chlorooctane 68.8 % 35-147

Surrogate: 1-Chlorooctadecane 65.9 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: BS 40 @ 6' (H602676-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2016	ND	2.00	100	2.00	0.929		
Toluene*	0.061	0.050	12/01/2016	ND	2.05	102	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46		
Total Xylenes*	0.206	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35		
Total BTEX	<0.300	0.300	12/01/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/01/2016	ND	188	93.9	200	2.53		
DRO >C10-C28	66.7	10.0	12/01/2016	ND	198	99.0	200	2.83		

Surrogate: 1-Chlorooctane 93.5 % 35-147

Surrogate: 1-Chlorooctadecane 91.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: SS 40 @ 4' (H602676-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.267	0.050	12/01/2016	ND	2.00	100	2.00	0.929	
Toluene*	0.137	0.050	12/01/2016	ND	2.05	102	2.00	1.33	
Ethylbenzene*	0.171	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46	
Total Xylenes*	0.257	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35	
Total BTEX	0.831	0.300	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	39.9	10.0	12/01/2016	ND	188	93.9	200	2.53		
DRO >C10-C28	7410	10.0	12/01/2016	ND	198	99.0	200	2.83		

Surrogate: 1-Chlorooctane 82.0 % 35-147

Surrogate: 1-Chlorooctadecane 180 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: SS 41 @ 4' (H602676-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.41	0.050	12/01/2016	ND	2.00	100	2.00	0.929	
Toluene*	1.48	0.050	12/01/2016	ND	2.05	102	2.00	1.33	
Ethylbenzene*	4.02	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46	
Total Xylenes*	3.72	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35	
Total BTEX	10.6	0.300	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	297	100	12/01/2016	ND	188	93.9	200	2.53	
DRO >C10-C28	2960	100	12/01/2016	ND	198	99.0	200	2.83	

Surrogate: 1-Chlorooctane 66.1 % 35-147

Surrogate: 1-Chlorooctadecane 133 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: SS 42 @ 4' (H602676-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	0.050	12/01/2016	ND	2.00	100	2.00	0.929	
Toluene*	0.330	0.050	12/01/2016	ND	2.05	102	2.00	1.33	
Ethylbenzene*	0.153	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46	
Total Xylenes*	0.637	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35	
Total BTEX	1.18	0.300	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11.9	10.0	12/01/2016	ND	188	93.9	200	2.53	
DRO >C10-C28	1950	10.0	12/01/2016	ND	198	99.0	200	2.83	

Surrogate: 1-Chlorooctane 80.3 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/30/2016	Sampling Date:	11/30/2016
Reported:	12/01/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: SS 43 @ 4' (H602676-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2016	ND	2.00	100	2.00	0.929		
Toluene*	<0.050	0.050	12/01/2016	ND	2.05	102	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/01/2016	ND	1.97	98.5	2.00	1.46		
Total Xylenes*	<0.150	0.150	12/01/2016	ND	5.96	99.3	6.00	1.35		
Total BTEX	<0.300	0.300	12/01/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/01/2016	ND	188	93.9	200	2.53		
DRO >C10-C28	78.7	10.0	12/01/2016	ND	198	99.0	200	2.83		

Surrogate: 1-Chlorooctane 87.8 % 35-147

Surrogate: 1-Chlorooctadecane 95.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

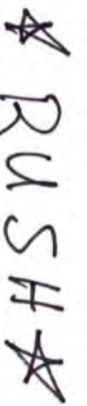
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 9 of 9

Company Name: DCP Midstream / Tasman Geoscience Project Manager: Steve Weathers / Brian Humphrey Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: Buffalo Valley Compressor Station Sample Name: Kyle Norman FOR LAB USE ONLY				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.				Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS			
H602676-							
01 CS 19 (G)RAB OR (C)OMP. # CONTAINERS				DATE TIME			
02 BS 40 @ 6'				11-30-16 1:00			
03 SS 40 @ 4'				1:45			
04 SS 41 @ 4'				2:00			
05 SS 42 @ 4'				2:30			
06 SS 43 @ 4'				2:40			
07				2:55			
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December 05, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/02/16 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 44 @ 4' (H602703-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2016	ND	2.02	101	2.00	3.18		
Toluene*	<0.050	0.050	12/05/2016	ND	2.06	103	2.00	3.09		
Ethylbenzene*	<0.050	0.050	12/05/2016	ND	2.01	101	2.00	3.08		
Total Xylenes*	<0.150	0.150	12/05/2016	ND	6.09	102	6.00	2.75		
Total BTEX	<0.300	0.300	12/05/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/05/2016	ND	183	91.7	200	1.28		
DRO >C10-C28	24.0	10.0	12/05/2016	ND	166	83.2	200	5.45		

Surrogate: 1-Chlorooctane 73.7 % 35-147

Surrogate: 1-Chlorooctadecane 61.2 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 45 @ 4' (H602703-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2016	ND	2.02	101	2.00	3.18		
Toluene*	<0.050	0.050	12/05/2016	ND	2.06	103	2.00	3.09		
Ethylbenzene*	<0.050	0.050	12/05/2016	ND	2.01	101	2.00	3.08		
Total Xylenes*	<0.150	0.150	12/05/2016	ND	6.09	102	6.00	2.75		
Total BTEX	<0.300	0.300	12/05/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/05/2016	ND	183	91.7	200	1.28		
DRO >C10-C28	98.5	10.0	12/05/2016	ND	166	83.2	200	5.45		

Surrogate: 1-Chlorooctane 82.6 % 35-147

Surrogate: 1-Chlorooctadecane 63.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 46 @ 4' (H602703-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	0.058	0.050	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	0.067	0.050	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	0.310	0.150	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEX	0.435	0.300	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/05/2016	ND	183	91.7	200	1.28	
DRO >C10-C28	111	10.0	12/05/2016	ND	166	83.2	200	5.45	

Surrogate: 1-Chlorooctane 79.9 % 35-147

Surrogate: 1-Chlorooctadecane 61.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 34 (H602703-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	7.21	0.500	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	4.20	0.500	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	28.4	1.50	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEX	39.8	3.00	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	58.8	10.0	12/05/2016	ND	183	91.7	200	1.28		
DRO >C10-C28	71.0	10.0	12/05/2016	ND	166	83.2	200	5.45		

Surrogate: 1-Chlorooctane 82.2 % 35-147

Surrogate: 1-Chlorooctadecane 59.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 35 (H602703-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	12/05/2016	ND	2.02	101	2.00	3.18		
Toluene*	5.93	0.500	12/05/2016	ND	2.06	103	2.00	3.09		
Ethylbenzene*	6.04	0.500	12/05/2016	ND	2.01	101	2.00	3.08		
Total Xylenes*	40.0	1.50	12/05/2016	ND	6.09	102	6.00	2.75		
Total BTEx	51.9	3.00	12/05/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	126	10.0	12/05/2016	ND	183	91.7	200	1.28		
DRO >C10-C28	113	10.0	12/05/2016	ND	166	83.2	200	5.45		

Surrogate: 1-Chlorooctane 87.6 % 35-147

Surrogate: 1-Chlorooctadecane 63.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 36 (H602703-06)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.250	0.050	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	6.55	0.050	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	3.53	0.050	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	22.7	0.150	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEX	33.1	0.300	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 170 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	101	10.0	12/05/2016	ND	183	91.7	200	1.28	
DRO >C10-C28	215	10.0	12/05/2016	ND	166	83.2	200	5.45	

Surrogate: 1-Chlorooctane 89.7 % 35-147

Surrogate: 1-Chlorooctadecane 74.6 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 37 (H602703-07)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.358	0.050	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	6.48	0.050	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	3.41	0.050	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	21.9	0.150	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEx	32.1	0.300	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 155 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	96.2	10.0	12/05/2016	ND	183	91.7	200	1.28	
DRO >C10-C28	481	10.0	12/05/2016	ND	166	83.2	200	5.45	

Surrogate: 1-Chlorooctane 86.6 % 35-147

Surrogate: 1-Chlorooctadecane 70.5 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 38 (H602703-08)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.398	0.050	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	7.02	0.050	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	3.05	0.050	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	19.6	0.150	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEx	30.1	0.300	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 162 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	83.9	10.0	12/05/2016	ND	183	91.7	200	1.28	
DRO >C10-C28	349	10.0	12/05/2016	ND	166	83.2	200	5.45	

Surrogate: 1-Chlorooctane 77.8 % 35-147

Surrogate: 1-Chlorooctadecane 65.0 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/02/2016	Sampling Date:	12/02/2016
Reported:	12/05/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 39 (H602703-09)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.259	0.050	12/05/2016	ND	2.02	101	2.00	3.18	
Toluene*	4.87	0.050	12/05/2016	ND	2.06	103	2.00	3.09	
Ethylbenzene*	2.46	0.050	12/05/2016	ND	2.01	101	2.00	3.08	
Total Xylenes*	17.6	0.150	12/05/2016	ND	6.09	102	6.00	2.75	
Total BTEX	25.2	0.300	12/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 157 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	35.6	10.0	12/05/2016	ND	183	91.7	200	1.28	
DRO >C10-C28	109	10.0	12/05/2016	ND	166	83.2	200	5.45	

Surrogate: 1-Chlorooctane 78.2 % 35-147

Surrogate: 1-Chlorooctadecane 73.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

BUS#

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: DCP Midstream / Tasman Cree
Project Manager: Steve Weathers / Brian Humphrey
Address:
City: State: Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name:
Project Location: Buffalo Valley Compressor Station
Sample Name: Kyle Norman

BILL TO

ANALYSIS REQUEST

P.O. #: Company:
Attn: Address:
City: State: Zip:
Phone #: Fax #:
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	RETER TP#
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H1002103	1	SS 44 @ 4'	1			✓				12-2-16	9:00	✓
	2	SS 45 @ 4'	1			✓					9:15	✓
	3	SS 46 @ 4'	1			✓					9:20	✓
	4	CS 34	1			✓					9:30	✓
	5	CS 35	1			✓					9:45	✓
	6	CS 36	1			✓					10:15	✓
	7	CS 37	1			✓					10:20	✓
	8	CS 38	1			✓					10:40	✓
	9	CS 39	1			✓					11:00	✓

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Relinquished By: Date: 12-2-16 Received By: Steve Weathers
Relinquished By: Date: 3:05 Received By: Brian Humphrey
Time: Time:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
SS Weathers @ dcpmidstream.com
bhumphrey@tasman-gas.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: #175 0:30
Sample Condition: Cool ☒ Intact ☐ Yes ☐ No
Checked By: (Initials)
t Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

December 07, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/07/16 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/07/2016	Sampling Date:	12/07/2016
Reported:	12/07/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SS 47 @ 4' (H602732-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2016	ND	2.20	110	2.00	1.16	
Toluene*	<0.050	0.050	12/07/2016	ND	2.27	114	2.00	1.77	
Ethylbenzene*	<0.050	0.050	12/07/2016	ND	2.21	111	2.00	1.65	
Total Xylenes*	<0.150	0.150	12/07/2016	ND	6.74	112	6.00	1.55	
Total BTEX	<0.300	0.300	12/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/07/2016	ND	191	95.6	200	1.99	
DRO >C10-C28	<10.0	10.0	12/07/2016	ND	195	97.6	200	4.39	

Surrogate: 1-Chlorooctane 84.0 % 35-147

Surrogate: 1-Chlorooctadecane 75.7 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PUSH!!

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: DCP MIDSTREAM	P.O. #:		
Project Manager: STEWARTERS BRIAN HURFACET	Company:		
Address:	Attn:		
City:	State:	Zip:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: Buffalo Valley	State:	Zip:	
Project Location: HAGERMAN, NM	Phone #:		
Sampler Name: LDOBRUNSKI	Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING

Lab I.D. Sample I.D.

H002732

SS 42 @ 4'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE 12/2/16
TIME 10:00

BTEX
TPH

PLEASE NOTE: Liability and damage. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or relating to the performance of services hereunder by Cardinal. Regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Relinquished By:

2-10-16

Date: 12/2/16
Time: 12:00

Received By:

Medi Jensen

Relinquished By:

2-10-16

Date: 12/2/16
Time: 12:00

Received By:

Medi Jensen

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

#75 5:20

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY:
(Initials)

#75

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Appendix B

November 15, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFALLO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/14/16 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 01 (H602554-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.095	0.050	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	2.99	0.050	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	2.97	0.050	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	18.1	0.150	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTX	24.2	0.300	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 182 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	77.4	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	106	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 96.5 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 02 (H602554-02)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.446	0.200	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	9.30	0.200	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	6.44	0.200	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	40.0	0.600	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEx	56.2	1.20	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	68.1	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	72.8	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 94.7 % 35-147

Surrogate: 1-Chlorooctadecane 95.9 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 03 (H602554-03)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.772	0.200	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	14.4	0.200	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	9.15	0.200	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	58.6	0.600	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEX	82.9	1.20	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	125	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	64.3	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 95.5 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 04 (H602554-04)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.353	0.200	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	6.98	0.200	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	5.83	0.200	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	35.1	0.600	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEx	48.3	1.20	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	62.7	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	30.9	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 87.4 % 35-147

Surrogate: 1-Chlorooctadecane 93.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 05 (H602554-05)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.239	0.050	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	5.23	0.050	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	4.52	0.050	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	25.6	0.150	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEx	35.5	0.300	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 197 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	41.9	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	24.4	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 92.2 % 35-147

Surrogate: 1-Chlorooctadecane 99.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 06 (H602554-06)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.088	0.050	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	2.40	0.050	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	2.85	0.050	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	21.5	0.150	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEx	26.9	0.300	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 199 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	56.4	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	42.6	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 99.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 07 (H602554-07)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	4.40	0.200	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	4.68	0.200	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	40.5	0.600	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEx	49.6	1.20	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	79.4	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	48.3	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 93.1 % 35-147

Surrogate: 1-Chlorooctadecane 93.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 08 (H602554-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	1.43	0.500	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	2.00	0.500	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	14.9	1.50	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTX	18.4	3.00	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	93.3	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	94.2	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 09 (H602554-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	2.42	0.500	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	3.35	0.500	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	22.9	1.50	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTEX	28.7	3.00	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	83.1	10.0	11/14/2016	ND	174	87.1	200	1.22	
DRO >C10-C28	44.9	10.0	11/14/2016	ND	187	93.7	200	2.72	

Surrogate: 1-Chlorooctane 111 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 10 (H602554-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	11/15/2016	ND	1.82	90.8	2.00	0.868		
Toluene*	1.94	0.500	11/15/2016	ND	1.86	92.8	2.00	0.962		
Ethylbenzene*	2.93	0.500	11/15/2016	ND	1.80	89.8	2.00	1.43		
Total Xylenes*	18.3	1.50	11/15/2016	ND	5.46	91.0	6.00	1.73		
Total BTEX	23.2	3.00	11/15/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	133	10.0	11/15/2016	ND	191	95.7	200	3.77		
DRO >C10-C28	115	10.0	11/15/2016	ND	199	99.4	200	1.91		

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 84.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 11 (H602554-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	11/15/2016	ND	1.82	90.8	2.00	0.868		
Toluene*	4.96	0.500	11/15/2016	ND	1.86	92.8	2.00	0.962		
Ethylbenzene*	4.30	0.500	11/15/2016	ND	1.80	89.8	2.00	1.43		
Total Xylenes*	32.3	1.50	11/15/2016	ND	5.46	91.0	6.00	1.73		
Total BTEX	41.6	3.00	11/15/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	178	10.0	11/15/2016	ND	191	95.7	200	3.77		
DRO >C10-C28	115	10.0	11/15/2016	ND	199	99.4	200	1.91		

Surrogate: 1-Chlorooctane 95.3 % 35-147

Surrogate: 1-Chlorooctadecane 82.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/14/2016	Sampling Date:	11/14/2016
Reported:	11/15/2016	Sampling Type:	Soil
Project Name:	BUFALLO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 12 (H602554-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/15/2016	ND	1.82	90.8	2.00	0.868	
Toluene*	3.61	0.500	11/15/2016	ND	1.86	92.8	2.00	0.962	
Ethylbenzene*	3.67	0.500	11/15/2016	ND	1.80	89.8	2.00	1.43	
Total Xylenes*	30.7	1.50	11/15/2016	ND	5.46	91.0	6.00	1.73	
Total BTX	38.0	3.00	11/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	123	10.0	11/15/2016	ND	191	95.7	200	3.77	
DRO >C10-C28	95.3	10.0	11/15/2016	ND	199	99.4	200	1.91	

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 89.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

BU5#

1 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience Project Manager: Steve Weathers / Brian Humphrey Address: City: State: NM Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: Buffalo Valley Compressor Station Sample Name: Kyle Norman <small>FOR LAB USE ONLY</small>				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: Matrix: PRESERV SAMPLING			
Lab I.D.				Sample I.D.			
11002554				CS 01			
2 CS 02				11-14-16			
3 CS 03				1:25			
4 CS 04				1:35			
5 CS 05				1:45			
6 CS 06				2:00			
7 CS 07				2:05			
8 CS 08				2:10			
9 CS 09				2:15			
10 CS 10				2:20			
(G)RAB OR (C)OMP.				DATE TIME			
# CONTAINERS				11-14-16 1:15			
GROUNDWATER				1:20			
WASTEWATER				1:25			
SOIL				1:35			
OIL				1:45			
SLUDGE				2:00			
OTHER :				2:05			
ACID/BASE:				2:10			
ICE / COOL				2:15			
OTHER :				2:20			
Chlorides				TPH 8015 M			
BTEX				Texas TPH			
Complete Cations/Anions				TDS			
Relinquished By:				Date: 11-14-16			
Relinquished By:				Time: 4:10			
Delivered By: (Circle One) #75				4:40			
Sampler - UPS - Bus - Other:				Sample Condition			
Cool Intact				Checked By:			
Yes Yes				(Initials)			
No No				email results: swweathers@dcpmidstream.com			
REMARKS:				bhumphrey@tasman-geo.com			



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

2042

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience		P.O. #:		BILL TO										ANALYSIS REQUEST																							
Project Manager: Steve Weathers / Brian Humphrey		Company:																																			
Address:		Attn:																																			
City:		State: NM Zip:																																			
Phone #:		Fax #:																																			
Project #:		Project Owner:																																			
Project Name:		City:																																			
Project Location: Buffalo Valley Compressor Station		State:																																			
Sample Name: Kyle Norman		Phone #:																																			
FOR LAB USE ONLY		Fax #:																																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
		CS11		C1		V		V		V		V		V		V		V		V		V		11-14-16		2:30											
12 CS12		C1		V		V		V		V		V		V		V		V		V		V		11-14-16		2:35											

November 17, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/17/16 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/17/2016	Sampling Date:	11/17/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 13 (H602581-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2016	ND	2.16	108	2.00	0.116	
Toluene*	<0.050	0.050	11/17/2016	ND	2.24	112	2.00	1.41	
Ethylbenzene*	0.078	0.050	11/17/2016	ND	2.14	107	2.00	0.139	
Total Xylenes*	0.345	0.150	11/17/2016	ND	6.41	107	6.00	0.918	
Total BTEX	0.423	0.300	11/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/17/2016	ND	188	93.8	200	0.125	
DRO >C10-C28	<10.0	10.0	11/17/2016	ND	200	100	200	1.26	

Surrogate: 1-Chlorooctane 86.3 % 35-147

Surrogate: 1-Chlorooctadecane 94.9 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/17/2016	Sampling Date:	11/17/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 14 (H602581-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2016	ND	2.16	108	2.00	0.116		
Toluene*	<0.050	0.050	11/17/2016	ND	2.24	112	2.00	1.41		
Ethylbenzene*	0.130	0.050	11/17/2016	ND	2.14	107	2.00	0.139		
Total Xylenes*	0.550	0.150	11/17/2016	ND	6.41	107	6.00	0.918		
Total BTEX	0.679	0.300	11/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/17/2016	ND	188	93.8	200	0.125		
DRO >C10-C28	12.3	10.0	11/17/2016	ND	200	100	200	1.26		

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 93.1 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: *DCP Midstream*

Project Manager: *Steve Weathers / Brian Humphrey*

Address:

City: State: Zip:

Phone #: Fax #:

Project #: Project Owner:

Project Name:

Project Location: *Buffalo Valley Compressor Station*

Sampler Name: *Kyle Nocera*

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

HL002581

1 CS13
2 CS14

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE TIME

11-17-16 6:30
6:35

TPH
BETEX

Relinquished By:

hml

Date: *11-17-16*

Time: *9:10*

Received By:

Steve Weathers

Date:

Time:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: *#75 5.40c*

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY:
(Initials)

#

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

SS Weathers @ dcpmidstream.com
bhumphrey@tasman-geo.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 20, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/18/16 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: ES 01 (H602607-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	0.079	0.050	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	0.096	0.050	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	0.688	0.150	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	0.863	0.300	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2016	ND	197	98.3	200	1.64	
DRO >C10-C28	<10.0	10.0	11/18/2016	ND	227	113	200	0.409	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: ES 02 (H602607-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.081	0.050	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	0.584	0.050	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	0.485	0.050	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	3.43	0.150	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	4.58	0.300	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.5	10.0	11/18/2016	ND	197	98.3	200	1.64	
DRO >C10-C28	10.7	10.0	11/18/2016	ND	227	113	200	0.409	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: ES 03 (H602607-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.13	0.500	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	19.7	0.500	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	8.50	0.500	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	59.0	1.50	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	89.3	3.00	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	861	10.0	11/18/2016	ND	197	98.3	200	1.64	
DRO >C10-C28	1870	10.0	11/18/2016	ND	227	113	200	0.409	

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 131 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 15 (H602607-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.738	0.500	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	12.5	0.500	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	7.29	0.500	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	52.1	1.50	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	72.7	3.00	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	248	10.0	11/19/2016	ND	197	98.3	200	1.64		
DRO >C10-C28	146	10.0	11/19/2016	ND	227	113	200	0.409		

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 91.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 16 (H602607-05)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.086	0.050	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	2.21	0.050	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	2.63	0.050	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	20.8	0.150	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	25.7	0.300	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 203 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	102	10.0	11/19/2016	ND	197	98.3	200	1.64	
DRO >C10-C28	94.7	10.0	11/19/2016	ND	227	113	200	0.409	

Surrogate: 1-Chlorooctane 99.7 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	11/18/2016	Sampling Date:	11/18/2016
Reported:	11/20/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 17 (H602607-06)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.418	0.050	11/19/2016	ND	2.24	112	2.00	2.51	
Toluene*	8.38	0.050	11/19/2016	ND	2.27	114	2.00	2.24	
Ethylbenzene*	5.15	0.050	11/19/2016	ND	2.20	110	2.00	2.48	
Total Xylenes*	32.0	0.150	11/19/2016	ND	6.69	111	6.00	2.48	
Total BTEX	45.9	0.300	11/19/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 191 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	52.4	10.0	11/19/2016	ND	197	98.3	200	1.64	
DRO >C10-C28	22.7	10.0	11/19/2016	ND	227	113	200	0.409	

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RASH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DCP Midstream / Tasman Geoscience Project Manager: Steve Weathers / Brian Humprey Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: <i>Baffalo Valley Compressor Station</i> Sampler Name: Kyle Norman				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D. <i>H002607</i>		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		MATRIX PRESERV SAMPLING	
1 <i>ES 01</i> 2 <i>ES 02</i> 3 <i>ES 03</i> 4 <i>CS 15</i> 5 <i>CS 16</i> 6 <i>CS 17</i>		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6	
DATE TIME <i>11/18/06</i> <i>10:00</i> <i>10:05</i> <i>10:10</i> <i>10:15</i> <i>10:20</i> <i>10:25</i>		Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS					
PLEASE NOTE: Liability and Damages. Contractor's liability and client's exclusive remedy for any claim arising under this contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other causes whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of time, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.				REMARKS: email results: swweathers@dcpmidstream bhumprey@tasman-geo.com			
Relinquished By: <i>[Signature]</i>		Relinquished By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:			
Delivered By: (Circle One) Sampler - UPS Bus Other: <i>#75</i> <i>4442</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes Yes No No		CHECKED BY: <i>[Signature]</i>			

December 02, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/01/16 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 20 (H602688-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/01/2016	ND	2.19	109	2.00	0.380	
Toluene*	2.61	0.200	12/01/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	2.91	0.200	12/01/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	16.2	0.600	12/01/2016	ND	6.58	110	6.00	0.423	
Total BTEX	21.7	1.20	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	50.9	10.0	12/01/2016	ND	208	104	200	6.13	
DRO >C10-C28	39.5	10.0	12/01/2016	ND	225	113	200	3.55	

Surrogate: 1-Chlorooctane 99.7 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 21 (H602688-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	12/01/2016	ND	2.19	109	2.00	0.380		
Toluene*	1.75	0.200	12/01/2016	ND	2.23	112	2.00	0.350		
Ethylbenzene*	1.33	0.200	12/01/2016	ND	2.17	108	2.00	0.244		
Total Xylenes*	8.63	0.600	12/01/2016	ND	6.58	110	6.00	0.423		
Total BTEX	11.7	1.20	12/01/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	71.5	10.0	12/01/2016	ND	208	104	200	6.13		
DRO >C10-C28	306	10.0	12/01/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 22 (H602688-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/01/2016	ND	2.19	109	2.00	0.380	
Toluene*	0.544	0.200	12/01/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	1.08	0.200	12/01/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	6.35	0.600	12/01/2016	ND	6.58	110	6.00	0.423	
Total BTEX	7.97	1.20	12/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	16.8	10.0	12/01/2016	ND	208	104	200	6.13	
DRO >C10-C28	28.6	10.0	12/01/2016	ND	225	113	200	3.55	

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 92.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 23 (H602688-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	0.949	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	1.06	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	7.23	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	9.24	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	18.0	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	24.7	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 92.4 % 35-147

Surrogate: 1-Chlorooctadecane 96.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 24 (H602688-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	1.26	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	1.43	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	9.79	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	12.6	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	42.0	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	31.4	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 89.7 % 35-147

Surrogate: 1-Chlorooctadecane 99.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 25 (H602688-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380		
Toluene*	0.599	0.200	12/02/2016	ND	2.23	112	2.00	0.350		
Ethylbenzene*	1.06	0.200	12/02/2016	ND	2.17	108	2.00	0.244		
Total Xylenes*	5.97	0.600	12/02/2016	ND	6.58	110	6.00	0.423		
Total BTEX	7.63	1.20	12/02/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	20.6	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	33.4	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 97.4 % 35-147

Surrogate: 1-Chlorooctadecane 99.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 26 (H602688-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380		
Toluene*	0.646	0.200	12/02/2016	ND	2.23	112	2.00	0.350		
Ethylbenzene*	0.981	0.200	12/02/2016	ND	2.17	108	2.00	0.244		
Total Xylenes*	5.84	0.600	12/02/2016	ND	6.58	110	6.00	0.423		
Total BTEX	7.46	1.20	12/02/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	19.5	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	25.8	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 90.5 % 35-147

Surrogate: 1-Chlorooctadecane 87.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 27 (H602688-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	0.471	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	0.888	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	5.63	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	6.98	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	43.2	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	158	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 96.6 % 35-147

Surrogate: 1-Chlorooctadecane 91.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 28 (H602688-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.339	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	6.02	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	2.88	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	19.9	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	29.1	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	73.4	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	204	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 95.5 % 35-147

Surrogate: 1-Chlorooctadecane 93.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 29 (H602688-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	1.42	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	1.46	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	10.0	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	12.9	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	27.4	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	65.1	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 89.0 % 35-147

Surrogate: 1-Chlorooctadecane 91.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 30 (H602688-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	3.66	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	2.23	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	15.1	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	21.0	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	38.4	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	69.9	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 83.0 % 35-147

Surrogate: 1-Chlorooctadecane 92.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 31 (H602688-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	1.42	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	1.53	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	9.99	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	12.9	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	31.2	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	41.6	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 93.4 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 32 (H602688-13)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	12/02/2016	ND	2.19	109	2.00	0.380		
Toluene*	0.276	0.200	12/02/2016	ND	2.23	112	2.00	0.350		
Ethylbenzene*	0.446	0.200	12/02/2016	ND	2.17	108	2.00	0.244		
Total Xylenes*	2.88	0.600	12/02/2016	ND	6.58	110	6.00	0.423		
Total BTEX	3.60	1.20	12/02/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	18.3	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	17.7	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 87.4 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/01/2016	Sampling Date:	12/01/2016
Reported:	12/02/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CS 33 (H602688-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.203	0.200	12/02/2016	ND	2.19	109	2.00	0.380	
Toluene*	3.03	0.200	12/02/2016	ND	2.23	112	2.00	0.350	
Ethylbenzene*	2.88	0.200	12/02/2016	ND	2.17	108	2.00	0.244	
Total Xylenes*	17.1	0.600	12/02/2016	ND	6.58	110	6.00	0.423	
Total BTEX	23.2	1.20	12/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	141	10.0	12/02/2016	ND	208	104	200	6.13		
DRO >C10-C28	202	10.0	12/02/2016	ND	225	113	200	3.55		

Surrogate: 1-Chlorooctane 91.8 % 35-147

Surrogate: 1-Chlorooctadecane 97.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



1 of 2

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL Laboratories

2622

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Maryland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: DCP Midstream Tassman Geo
Project Manager: Steve Weather's / Brian Humphrey

P.O. #:

Address:

Company:

City:

State:

Zip:

Attn:

Phone #:

Fax #:

Project Owner:

Address:

Project #:

City:

State:

Zip:

Project Name:

Phone #:

Fax #:

Project Location: Buffalo Valley Compressor Station

Sampler Name:

Kyle Norman

FOR LAB USE ONLY

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

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Lab I.D.

Sample I.D.

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 16, 2016

STEVE WEATHERS

DCP Midstream - Midland

10 Desta Dr., #400-W

Midland, TX 79705

RE: BUFFALO VALLEY COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/15/16 13:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 01 (H602812-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/15/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.093	0.050	12/15/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.439	0.150	12/15/2016	ND	6.50	108	6.00	3.05	
Total BTEX	0.532	0.300	12/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	20.5	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	601	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 93.4 % 35-147

Surrogate: 1-Chlorooctadecane 88.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 02 (H602812-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/15/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.058	0.050	12/15/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.322	0.150	12/15/2016	ND	6.50	108	6.00	3.05	
Total BTEX	0.380	0.300	12/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.2	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	810	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 83.0 % 35-147

Surrogate: 1-Chlorooctadecane 81.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 03 (H602812-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/15/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.085	0.050	12/15/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.456	0.150	12/15/2016	ND	6.50	108	6.00	3.05	
Total BTEX	0.541	0.300	12/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	27.1	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	615	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 76.8 % 35-147

Surrogate: 1-Chlorooctadecane 73.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 04 (H602812-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/15/2016	ND	2.15	107	2.00	2.95		
Toluene*	<0.050	0.050	12/15/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	<0.050	0.050	12/15/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	<0.150	0.150	12/15/2016	ND	6.50	108	6.00	3.05		
Total BTEX	<0.300	0.300	12/15/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	685	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 86.4 % 35-147

Surrogate: 1-Chlorooctadecane 81.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 05 (H602812-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/15/2016	ND	2.15	107	2.00	2.95		
Toluene*	<0.050	0.050	12/15/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	<0.050	0.050	12/15/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	<0.150	0.150	12/15/2016	ND	6.50	108	6.00	3.05		
Total BTEX	<0.300	0.300	12/15/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70		
DRO >C10-C28	612	10.0	12/15/2016	ND	197	98.6	200	0.173		

Surrogate: 1-Chlorooctane 91.1 % 35-147

Surrogate: 1-Chlorooctadecane 85.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 06 (H602812-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.063	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.232	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.3	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	576	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 82.5 % 35-147

Surrogate: 1-Chlorooctadecane 77.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DCP Midstream - Midland
 STEVE WEATHERS
 10 Desta Dr., #400-W
 Midland TX, 79705
 Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 07 (H602812-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	749	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 90.5 % 35-147

Surrogate: 1-Chlorooctadecane 88.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 08 (H602812-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	495	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 79.0 % 35-147

Surrogate: 1-Chlorooctadecane 77.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 09 (H602812-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	535	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 75.2 % 35-147

Surrogate: 1-Chlorooctadecane 72.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 10 (H602812-10)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95		
Toluene*	0.080	0.050	12/16/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	0.269	0.050	12/16/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	1.30	0.150	12/16/2016	ND	6.50	108	6.00	3.05		
Total BTEX	1.64	0.300	12/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	29.1	10.0	12/15/2016	ND	183	91.6	200	2.70		
DRO >C10-C28	643	10.0	12/15/2016	ND	197	98.6	200	0.173		

Surrogate: 1-Chlorooctane 84.3 % 35-147

Surrogate: 1-Chlorooctadecane 76.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 11 (H602812-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.169	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	14.9	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	445	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 72.4 % 35-147

Surrogate: 1-Chlorooctadecane 65.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 12 (H602812-12)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.122	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	0.512	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	0.634	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	25.6	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	471	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 84.2 % 35-147

Surrogate: 1-Chlorooctadecane 78.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 13 (H602812-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95		
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05		
Total BTEX	<0.300	0.300	12/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70		
DRO >C10-C28	451	10.0	12/15/2016	ND	197	98.6	200	0.173		

Surrogate: 1-Chlorooctane 79.9 % 35-147

Surrogate: 1-Chlorooctadecane 76.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 14 (H602812-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95	
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94	
Ethylbenzene*	0.052	0.050	12/16/2016	ND	2.16	108	2.00	3.01	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/16/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	629	10.0	12/16/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane 80.0 % 35-147

Surrogate: 1-Chlorooctadecane 79.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 15 (H602812-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95		
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05		
Total BTEX	<0.300	0.300	12/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/16/2016	ND	183	91.6	200	2.70		
DRO >C10-C28	626	10.0	12/16/2016	ND	197	98.6	200	0.173		

Surrogate: 1-Chlorooctane 78.1 % 35-147

Surrogate: 1-Chlorooctadecane 78.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DCP Midstream - Midland
STEVE WEATHERS
10 Desta Dr., #400-W
Midland TX, 79705
Fax To: None

Received:	12/15/2016	Sampling Date:	12/15/2016
Reported:	12/16/2016	Sampling Type:	Soil
Project Name:	BUFFALO VALLEY COMPRESSOR STATIO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: CS 16 (H602812-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2016	ND	2.15	107	2.00	2.95		
Toluene*	<0.050	0.050	12/16/2016	ND	2.22	111	2.00	2.94		
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.16	108	2.00	3.01		
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.50	108	6.00	3.05		
Total BTEX	<0.300	0.300	12/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/16/2016	ND	183	91.6	200	2.70		
DRO >C10-C28	520	10.0	12/16/2016	ND	197	98.6	200	0.173		

Surrogate: 1-Chlorooctane 84.5 % 35-147

Surrogate: 1-Chlorooctadecane 76.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

P9 122

Company Name: DCP Midstream / Tasman Geos		P.O. #:		BILL TO																															
Project Manager: Steve Weathers / Brian Humphrey		Company:		ANALYSIS REQUEST																															
Address:		Attn:																																	
City:		Address:																																	
Phone #:		City:																																	
Project #:		State:																																	
Project Name:		Zip:																																	
Project Location: Buffalo Valley Compressor Station		Phone #:																																	
Sample Name: Kyle Norman		Fax #:																																	
FOR LAB USE ONLY																																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV	SAMPLING																										
		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE	TIME														
H402812	CS 01		1																	12-15-16	10:00	✓	✓	BETEX											
	CS 02		1																		10:05	✓	✓	TPH											
	CS 03		1																		10:10	✓	✓												
	CS 04		1																		10:15	✓	✓												
	CS 05		1																		10:20	✓	✓												
	CS 06		1																		10:40	✓	✓												
	CS 07		1																		10:50	✓	✓												
	CS 08		1																		10:55	✓	✓												
	CS 09		1																		11:00	✓	✓												
	CS 10		1																		11:05	✓	✓												
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Relinquished By: <i>[Signature]</i>		Date: 12-15-16		Received By: <i>[Signature]</i>		Time: 1:46p		Date: 12-15-16		Time: 1:46p		Relinquished By: <i>[Signature]</i>		Date: 12-15-16		Time: 1:46p		Received By: <i>[Signature]</i>		Time: 1:46p		Date: 12-15-16		Time: 1:46p											
Delivered By: (Circle One)		Sample Condition		Cool		Intact		CHECKED BY: (Initials)		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18											
Sampler - UPS - Bus - Other:		Cool		Intact		CHECKED BY: (Initials)		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18		1.9c											
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326		Cool		Intact		CHECKED BY: (Initials)		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18		1.9c		col # 18		1.9c											



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

P922f2

Company Name: DCP Midstream / Tasmán Geo

Project Manager: Steve Weathers / Brian Humphrey

Address:

City:

Phone #:

Project #:

Project Name:

Project Location: Buffalo Valley Compressor Station

Sample Name: Kyle Norman

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H402812-

11 CS 11
12 CS 12
13 CS 13
14 CS 14
15 CS 15
16 CS 16

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE
TIME

BETEX
TPH

Relinquished By:

Relinquished By:

Date: 12/15/16
Time: 1:40p
Received By: [Signature]

Date: 12/15/16
Time: 1:40p
Received By: [Signature]

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

SS weathers@dep midstream.com

bhumphrey@tasmangeo.com

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Appendix C

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United States Department of Agriculture

Natural Resources Conservation Service

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Introduced, Invasive, and Noxious Plants

NRCS Invasive Species Policy

Invasive Species Executive Order 13112

New Mexico State-listed Noxious Weeds

35 records returned

Click on an accepted name below to view its PLANTS Profile with more information, and web links if available. Noxious weeds that are synonyms retain their noxious status, and are indented beneath the current PLANTS accepted name.

Office of the Director/Secretary, 1998, *New Mexico noxious weed list* (20 October 2003). New Mexico Department of Agriculture.

Symbol	Scientific Name	Noxious Common Name	State Noxious Status†	Native Status*
ACRE3	<i>Acroptilon repens</i> (L.) DC.	Russian knapweed	CBW	L48 (1), CAN (1)
AECY	<i>Aegilops cylindrica</i> Host	jointed goatgrass	CCW	L48 (1)
ALMA12	<i>Alhagi maurorum</i> Medik.			L48 (1)
ALPS3	<i>Alhagi pseudalhagi</i> (M. Bieb.) Desv. ex B. Keller & Schaparenko	camelthorn	CAW	
ASF12	<i>Asphodelus fistulosus</i> L.	onionweed	CAW	L48 (1)
CADR	<i>Cardaria draba</i> (L.) Desv.	hoary cress	CAW	L48 (1), CAN (1)
CANU4	<i>Carduus nutans</i> L.	musk thistle	CBW	L48 (1), CAN (1)
CECA2	<i>Centaurea calcitrapa</i> L.	purple starthistle	CAW	L48 (1), CAN (1)
CEDI3	<i>Centaurea diffusa</i> Lam.	diffuse knapweed	CAW	L48 (1), CAN (1)
CEME2	<i>Centaurea melitensis</i> L.	Malta starthistle	CBW	L48 (1), HI (1), CAN (1)
CESO3	<i>Centaurea solstitialis</i> L.	yellow starthistle	CAW	L48 (1), CAN (1)
CESTM	<i>Centaurea stoebe</i> L. ssp. <i>micranthos</i> (Gugler) Hayek			L48 (1), HI (1), CAN (1)
CEMA4	<i>Centaurea maculosa</i> auct. non Lam.	spotted knapweed	CAW	
CIAR4	<i>Cirsium arvense</i> (L.) Scop.	Canada thistle	CAW	L48 (1), AK (1), CAN (1), GL (1), SPM (1)
CIVU	<i>Cirsium vulgare</i> (Savi) Ten.	bull thistle	CBW	L48 (1), AK (1), HI (1), CAN (1), SPM (1)
COMA2	<i>Conium maculatum</i> L.	poison hemlock	CBW	L48 (1), CAN (1)
COAR4	<i>Convolvulus arvensis</i> L.	field bindweed	CCW	L48 (1), HI (1), CAN (1)
DIFU2	<i>Dipsacus fullonum</i> L.	teasel	CBW	L48 (1), CAN (1)
DRAR7	<i>Drymaria arenarioides</i> Humb. & Bonpl. ex Schult. [excluded]	alfombrilla	CAW	
ELAN	<i>Elaeagnus angustifolia</i> L.	Russian olive	CCW	L48 (1), CAN (1)
EUES	<i>Euphorbia esula</i> L.	leafy spurge	CAW	L48 (1), CAN (1)
HAGL	<i>Halogeton glomeratus</i> (M. Bieb.) C.A. Mey.	halogeton	CBW	L48 (1)
HYVE3	<i>Hydrilla verticillata</i> (L. f.) Royle	hydrilla	CAW	L48 (1)
HYNI	<i>Hyoscyamus niger</i> L.	black henbane	CAW	L48 (1), CAN (1)
ISTI	<i>Isatis tinctoria</i> L.	dyer's woad	CAW	L48 (1), CAN (W)
LELA2	<i>Lepidium latifolium</i> L.	perennial pepperweed	CAW	L48 (1), CAN (1)
LIDA2	<i>Linaria dalmatica</i> (L.) Mill. ssp. <i>dalmatica</i>			L48 (1), CAN (1)
LIGED	<i>Linaria genistifolia</i> (L.) Mill. ssp. <i>dalmatica</i> (L.) Maire & Petitm.	Dalmatian toadflax	CAW	
LIVU2	<i>Linaria vulgaris</i> Mill.	yellow toadflax	CAW	L48 (1), AK (1), CAN (1), GL (1), SPM (1)
LYSA2	<i>Lythrum salicaria</i> L.	purple loosestrife	CAW	L48 (1), CAN (1), SPM (1)
MYS2	<i>Myriophyllum spicatum</i> L.	Eurasian watermilfoil	CAW	L48 (1), AK (1), CAN (1)
ONAC	<i>Onopordum acanthium</i> L.	Scotch thistle	CAW	L48 (1), CAN (W)
PEHA	<i>Peganum harmala</i> L.	African rue	CBW	L48 (1)
TAMAR2	<i>Tamarix</i> L.	saltcedar	CCW	
ULPU	<i>Ulmus pumila</i> L.	Siberian elm	CCW	L48 (1), CAN (1)

***Code**

Noxious Status

CAW

Class A noxious weed

CBW

Class B noxious weed

CCW

Class C noxious weed

***Code**

Native Status

I

Introduced

W

Waif

***Code**

Native Status Jurisdiction

L48

Lower 48 States

AK

Alaska

HI

Hawaii

CAN

Canada

GL

Greenland

SPM

St. Pierre and Miquelon

Additional information about noxious plants in this state can be found at:

NM-New Mexico Cooperative Extension Service

NM-New Mexico Department of Agriculture

NM-New Mexico Harmful Plant Act

NM-New Mexico Seed Law

NM-New Mexico State University

NM-NMDA Noxious Weed Information

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Time Generated: 01/31/2017 09:55 AM CST

https://plants.usda.gov/java/noxious?rptType=State&statefips=35

1/1