PROJECT UPDATE SUMMARY AND REVISED REMEDIATION WORK PLAN

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

Prepared for:



370 17th St., Suite 2500 Denver, CO 80202

Prepared by:



6899 Pecos Street, Unit C Denver, Colorado 80221

February 10, 2017



Table of Contents

1.		INTF	RODUCTION	1
2.		SITE	REMEDIATION ACTIVITIES	1
	2.2	1	Impacted Soil Excavation	1
	2.2	2	Ex-Situ Soil Treatment	2
3.		PRO	POSED SUPPLEMENTAL REMEDIATION ACTIVITIES	3
4.		PRO	POSED SITE RECLAMATION AND REVEGETATION PLAN	3

Tables

1	North Excavation Soil Sam	ple Analytical	Results Summary	/ Table
_				

- 2 South Excavation Soil Sample Analytical Results Summary Table
- 3 West Excavations Soil Sample Analytical Results Summary Table
- 4 Treated Soil Sample Analytical Results Summary Table 1,500 yd³ Below Action Levels
- 5 Treated Soil Sample Analytical Results Summary Table 1,600 yd³ Above Action Levels

Figures

- 2 North Excavation Sidewall Soil Sample Analytical Results Map
- 3 North Excavation Base Soil Sample Analytical Results Map
- 4 South Excavation Sidewall and Base Soil Sample Analytical Results Map
- 5 West Excavations Sidewall and Base Soil Sample Analytical Results Map

Appendices

- A Laboratory Analytical Reports Excavation Extents Soil Samples
- B Laboratory Analytical Reports Treated Soil Confirmation Samples
- C USDA-NRCS New Mexico State-listed Noxious Weeds List



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:

- <u>North Excavation</u>: 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.
- <u>South Excavation</u>: 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.

<u>West Excavations:</u> 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[™].

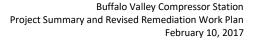
Similar to the chemox mixing activities that have already been completed on-Site, bio-remediation treatment results equal to those of excavation and off-site disposal are achieved, with the elimination of haul trucks, disposal material, imported backfill, and the associated traffic hazards, road damage, 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:





COMMON NAME	BOTANICAL NAME	PLS/ACRE
Sideoats Grama	Bouteloua curtipendula	4.00
Sand Dropseed	Sporobolus cryptandrus	0.50
Blue Grama	Bouteloua gracilis	1.50
Plains Bristlegrass	Setaria vulpiseta	2.00
Four-Wing Saltbush	Atriplex canescens	0.50
Rubber Rabbit Brush	Ericameria nauseosa	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 1DCP BUFFALO VALLEY COMPRESSOR STATIONNORTH 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 1DCP BUFFALO VALLEY COMPRESSOR STATIONNORTH 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.

ppm - Parts per million

bgs - Below ground surface.

NA - Not applicable

TABLE 2DCP BUFFALO VALLEY COMPRESSOR STATIONSOUTH 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.

ppm - Parts per million

bgs - Below ground surface. 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.

DRO - Diesel range organics. GRO - Gasoline range organics. mg/kg= Milligrams per kilogram. bgs - Below ground surface. ppm - Parts per million

NA - Not applicable

TABLE 4DCP BUFFALO VALLEY COMPRESSOR STATIONTREATED 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 5DCP BUFFALO VALLEY COMPRESSOR STATIONTREATED 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.

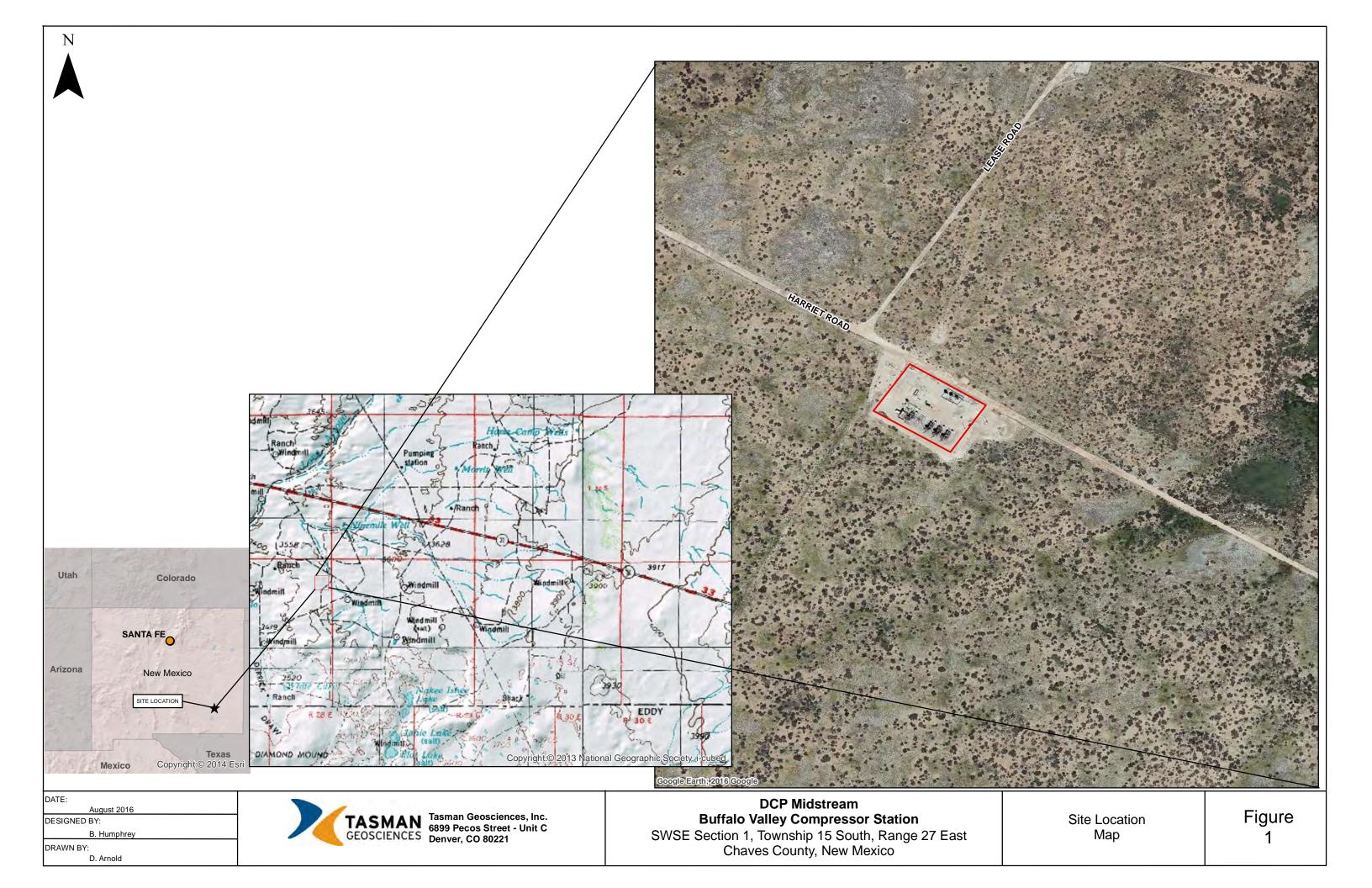
Bold indicates concentration exceeds NMOCD Action Levels.

GRO - Gasoline range organics.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

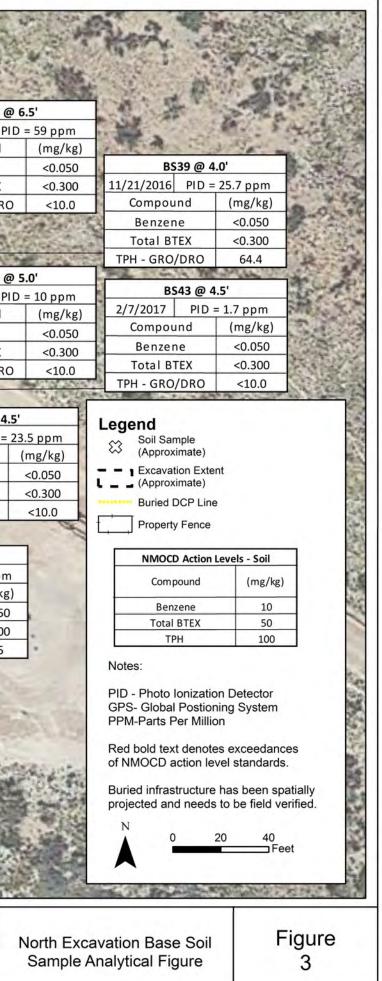
Figures



	Paint -	1. C. C. C.	ant hand that	12105		and the second second	1. S. S. S. S.	12444	water the first of		A 14 14 14	CAUTHORN STATES
	CC20 @ 2.01	The second	SS12 @ 3.0'	1	SS13@3	0'		SS04 @ 3	0'	SS05 @	4.0'	a Man Stat
A REAL PROPERTY AND A REAL	SS39 @ 3.0'		6 PID = 49.7 ppm	and a	11/6/2016 PID =		1.00	1/4/2016 PID =	15 10	11/4/2016 PID		
	11/21/2016 PID = 64.5 ppm Compound (mg/kg)	Comp		1.000	Compound	(mg/kg)	1.5.6	Compound	(mg/kg)	Compound	(mg/kg)	The state
	Benzene <0.050	1		Pilet 1		<0.200	N P		<0.050		<0.050	and a strict
and the second s	Total BTEX 0.766	Benz		1	Benzene		1.11	Benzene		Benzene	< 0.300	「東京」の合わ
	TPH - GRO/DRO <10.0	Total			Total BTEX	12.6		Total BTEX	<0.300	Total BTEX		- F. W. 1. 152
and the second s	111-680/080 (10.0	TPH - GR	RO/DRO 19.7	1	TPH - GRO/DRO	53.2	12/2/2003	TPH - GRO/DRO	<10.0	TPH - GRO/DRO	<10.0	1000
	SS27 @ 3.0'			-	1.70	1	12492	100	- info		\$\$06	@ 4.0'
「「「「「「「「「「」」」」」	11/17/2016 PID = 31.0 ppm			Ha	RRIET ROAD	/ Sector	22-2	1	30/	11		PID = 5.1 ppm
A COMPANY AND A MORE AND A COMPANY	Compound (mg/kg)	and the second se	/ /	1	RRIE	CR RATE	1	AND STRAT		A COLORED	Compound	100
and a second sec	Benzene <0.050		X	X	RO	144 1 22	-/-	1000		Contraction and	Benzene	<0.050
A PROPERTY AND A AREAS	Total BTEX <0.300			1	AD /	1225	/		the loss of the		Total BTEX	
	TPH - GRO/DRO <10.0					1			A CALIFORNIA CO	T	PH - GRO/DI	1 m
the second s	SS48 @ 3.0'	1		1	0) 1/2						A	Million Ares a
	2/7/2017 PID = 33.6 ppm	1.1	C. 11.	23	2 2 2 2	/				101		@ 3.0'
A DE WETTON	Compound (mg/kg)		1 1		~~ ~~		/	(Electronic				PID = 21 ppm
	Benzene <0.050			8			1	1		S. S. S. S.	Compound	1.4
	Total BTEX <0.300		1 .	~1		\$ 1 W	~	100			Benzene	<0.050
And the second second	TPH - GRO/DRO 84.7	1	/	×S.			-		and the second	The second second	Total BTEX	100
	2 /	0.00	10/		61.10		~.		100	and the second second	PH - GRO/DI	RO <10.0
	SS49 @ 3.0'		~ /		No. h	210	7	**	10		100000000	E.
A STATE AND	2/7/2017 PID = 0.5 ppm		- / - 1)Ei		113	A.		0/202	Legend		
a the second as a second second	Compound (mg/kg)	the	1 2 1	$\langle \cdot \rangle$		5 /	1	10-		Soil Samp (Approxim	le ate)	
	Benzene <0.050	1000		1	3		£3	NA	>	Excavation		E.C.
	Total BTEX <0.300	1 10	5 75	5	1 31	-		2.74	1	L (Approxim		3.3
	TPH - GRO/DRO <10.0	A A		-	/ P'			SS01 (@ 3.0'	Buried DC	P Line	
and the second second second second	SS10 @ 3.0'	2 MAR	1	/				11/2/2016 P	ID = 3.2 ppm	Property F	ence	
	11/4/2016 PID = 1.2 ppm		X	/				Compound	(mg/kg)			C.E.
A CONTRACT OF A	Compound (mg/kg)		and.	/		1000		Benzene	<0.050	NMOCD A	ction Levels -	Soil
and the second state of th	Benzene <0.050		STA /			3		Total BTEX	<0.300	Compou	ind (r	ng/kg)
· · · · · · · · · · · · · · · · · · ·	Total BTEX <0.300							ТРН	<10.0			1.60
	TPH - GRO/DRO <10.0		SS08 @ 3.0'		SS03 @	2.0'		SS02	@ 3.0'	Benzer Total BT		10
		11/4/2		nm	11/2/2016 PIC			11/2/2016 PI		ТРН		100
	SS09 @ 3.0'			g/kg)	Compound	(mg/kg)	1	Compound	(mg/kg)			
	11/4/2016 PID = 6.6 ppm			.050	Benzene	<0.050	P ,	Benzene	<0.050	Notes:		34.
and the second se	Compound (mg/kg)			300	Total BTEX	< 0.300	- /	Total BTEX	<0.300	PID - Photo lor		
	Benzene <0.050	and the second sec		.0.0	TPH - GRO/DRO		-/	TPH - GRO/DR		GPS- Global P PPM-Parts Per		stem
	Total BTEX <0.300	IPH-	GRU/DRU <1	0.0		10.0	4		1010		WIIIION	- 20
AT A BOLL THAN MOT TOUCH AND TH	TPH - GRO/DRO <10.0	and a	//		Sauch	/	1	1.197		Red bold text d		
	and the state of the	and the second			- Aler	1	1 3.3	a state	Sertificants	of NMOCD act	on level stan	dards.
and the second s		不且以下的事 题。		*	/	1	-	T. T. Catter	ALC: N	Buried infrastru	icture has be	en spatially
		and the second	Alt.	X	1	1.	-51	1 SALENCE	Mar was	projected and r		
	1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		Section 1	~		1	1.11.1	Sector Sec	156 16	N		3
	81 Bar 87 . 6		CAR STREET			1	52.2	and the			20	40 Feet
	A BERT	and the second	a Marine and		M			0-0-1				
Imagery Source: Google Earth; 2016 Google	and the set on a first of			ER.		Qn.	2000	A DELLAS			THE REAL PROPERTY.	
	A REAL PROPERTY AND A REAL	100000 (1000 (1000))	Contraction of the Contraction o	10			Treils	STATISTICS AND A		and the second	SHOC WOR	A CALL THE P
DATE:	and internet of the				DCP Mids	stream						
February 2017 DESIGNED BY:	SMAN Tasman Geoscience	es, Inc.		Buf	falo Valley Con		Statio	1	North Evo	avation Soil Sa	mple	Figure
B. Humphrey	ASMAN Tasman Geoscience 6899 Pecos Street - Denver, CO 80221	Unit C	SWS		ction 1, Township					alytical Figure		2
DRAWN BY:	Deriver, CO 60221			_ 000	Chaves County					aly tour right		2
D. Arnold					2	,						

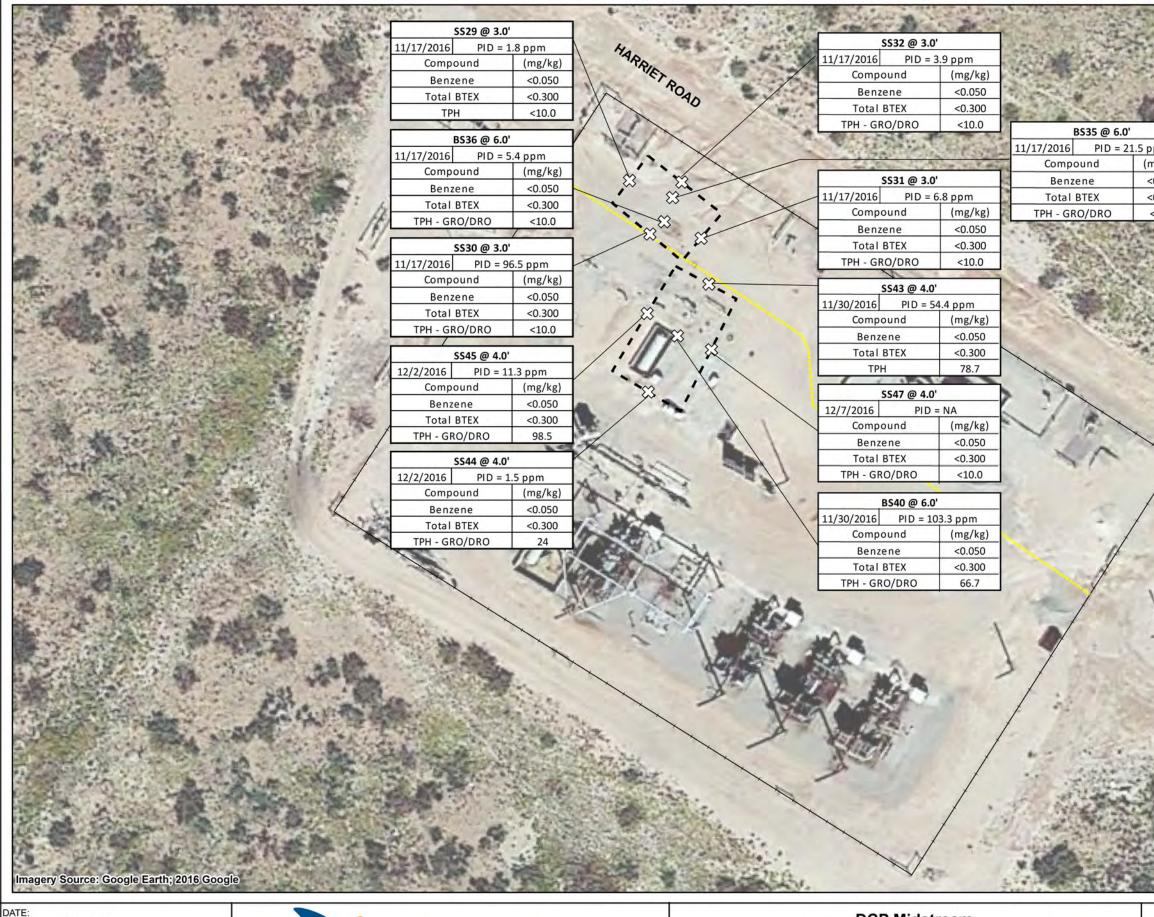


	See:	No. Com	P - Start		the same	Lis a State	NUMBER OF	and the second
Satol Satol	BS45 @ 4	.5'	HARRIET ROAD				the states of	TELIN
		16.5 ppm	ARRIA	P	CARALIN-	PL STA		A TOTAL
	Compound	(mg/kg)	RO	1. C. C. Martin	記載は日の		1000	
The second se	Benzene	<0.050	VA AD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17 yallan and	100 - 10 - 10 - 10 - 10 - 10 - 10 - 10	CONTRACTION OF	THE A LAND
Contraction of the second second	Total BTEX	< 0.300		BS19 @		BS12 @		BS18 @
	TPH - GRO/DRO	<10.0		11/9/2016 PID =		11/6/2016 PID		11/8/2016 PID
A Real Property of the second states of the second	and the	1		Compound	(mg/kg)	Compound	(mg/kg)	Compound
	BS25 @ 6			Benzene	<0.050	Benzene	<0.050	Benzene
A state where the second state	11/15/2016 PID =	1		Total BTEX	<0.300	Total BTEX	0.378	Total BTEX
h and h	Compound	(mg/kg)		TPH - GRO/DRO	<10.0	TPH - GRO/DRO	<10.0	TPH - GRO/DRO
The second secon	Benzene	< 0.050					H. C.	and the start
	Total BTEX	<0.300		1	T I	1	- / ,	A CONTRACTOR
A AND	TPH - GRO/DRO	17.5	8				1/	BS06 @
	BS04 @ 4	.0'	The second	<u> </u>	· · · ·		115	11/6/2016 PID
		= 5.8 ppm	1	101	1- 8	2.		Compound
	Compound	(mg/kg)	A			X		Benzene
	Benzene	<0.050	17		8	1 7	\sim /	Total BTEX
	Total BTEX	<0.300	11		153		·-×	TPH - GRO/DRO
	TPH - GRO/DRO	<10.0		0	: 3		1.	
	BS10 @ 4	LO'	-	/		a w	3	~
	11/6/2016 PID =		1 C		Sign and	~	Seri-	BS44 @ 4.5
	Compound	(mg/kg)	the /		1. 7	83 - ³³		2/7/2017 PID = 2
	Benzene	<0.050	Selection of the select	X	13	Sm V	× -	Compound
	Total BTEX	< 0.300	A BOX		/ /-	87		Benzene
	TPH - GRO/DRO	<10.0	are a	1.	11			Total BTEX
a set the set of the set			NA A	/ /				TPH - GRO/DRO
	BS14 @ 4		CT B			1		
	Compound	= 6.6 ppm (mg/kg)	BS42 @			2 @ 4.0'		3S24 @ 4.5'
and the second s	Benzene	<0.050	2/7/2017 PID Compound	0 = 1.8 ppm	11/6/2016	PID = 6.6 ppm		PID = 11.8 ppm
	Total BTEX	<0.300	Benzene	(mg/kg) <0.050		d (mg/kg)		und (mg/kg)
and the second	TPH - GRO/DRO	<10.0	Total BTEX	<0.300	Benzene		Benze	
	State .	1	TPH - GRO/DRO	100	Total BTE TPH - GRO/I		Total I	
				20.0	TPH - GRO/L	ORO <10.0	TPH - GR	D/DRO 10.5
	CONTRACTOR OF			BS4	1 @ 5.5'	20	BS01 @ 4.0	2200
	- Shape Start	100 m		2/7/2017	PID = 2.6 ppm	11/6/	2016 PID = 4	.7 ppm
A CONTRACTOR OF THE REAL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		Compoun	d (mg/kg) Co	mpound	(mg/kg)
	Contraction of the second	1 - Mar 193	STR. 1	Benzene		and the second sec	enzene	<0.050
	And and the second	32.0	Man and	Total BTE		To	otal BTEX	<0.300
	and The second	Lan-	State Part Part	TPH - GRO/D	DRO 72.5		TPH	<10.0
		Same.	and the second	1		/	TEAT	ALL ALL
		and the second		S.		1	* 32.2.N	the star
	Sale S	44		and the second		1	C215-3	2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	19.80	-		a state	/	· · · ·	with	- ANDA
Imagani Source: Coogle Earth: 2016 Coogle		HAND FOR	and the second	Ser Star		Via	× 43	and the second
Imagery Source: Google Earth; 2016 Google	the searce was	at a se		Las a said	34		A R W LAW	and the lot
DATE:					D	CD Midatroom		
February 2017 DESIGNED BY:		Geosciences	s, Inc.			CP Midstream		e
B. Humphrey	SMAN Tasman 6899 Pe Denver,	cos Street - L	Jnit C			ley Compress ownship 15 Sc		27 Fast
DRAWN BY:	Denver,	CO 80221		SWSE		s County, New		
D. Arnold					Chaves	Sounty, New	MCAICO	



ALL DE LE				a the second	and states and
	SS37 @ 3.0'	BS31 @ 8.0' SS38	@ 3.0'		
		2016 PID = 39 ppm 11/21/2016 P	The state of the s		and the second of the
		ompound (mg/kg) Compound	(mg/kg)	10 5 1 - 3 Fr	Company of the second second second
		Benzene <0.050 Benzene	0.559	State of the	The set of the set of the set
BS33 @ 6.0'		otal BTEX <0.300 Total BTEX	0.744	A STATE OF THE STATE OF	A STATE OF A
11/17/2016 PID = 91.5		- GRO/DRO <10.0 TPH - GRO/DF	0 <10.0 MAD	10 000 (SV 12	というない 中国 ない 一部 「日本」の
Compound (m	/kg) // (10.0 (10.0)		- PA	And the stands of	
Benzene (555		24@3.0'		
Total BTEX 0	787		PID = 117.5 ppm		
TPH - GRO/DRO	3.1	Compou		10	10 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
The way the second of the		Benzer			A CONTRACTOR OF THE PARTY OF THE
SS33 @ 4.0'	1786	Total B1		1	and the second second
11/17/2016 PID = 20.3		TPH - GRO		3 @ 3.0'	
	/kg)		3530 @ 4.0' 11/15/2016	PID = 6.7 ppm	のなどのなどのないので、
SS26 (@ 3.0"			5 PID = 56.4 ppm Compour	d (mg/kg)	の時代に
11/17/2016 PID = 2.1 ppm Total BTEX <	300	Compo	Deserved and the second s	e <0.050	Contesting the
Compound (mg/kg) TPH - GRO/DRO <	0.0	Benze	Tatal DTI	X <0.300	A A
Benzene <0.050		Total	TOU 000/	DRO 30.5	and the second second
Total BTEX <0.300 BS32 @ 4.0'		TPH - GR			The second se
TPH - GRO/DRO <10.0 11/16/2016 PID = 6.4		and and a		2 @ 3.0'	Legend
Compound (m	/kg)	S SSS			Soil Sample (Approximate)
5525 @ 3.0	050	with the second second	Compoun	d (mg/kg)	(Approximate)
11/17/2016 PID = 3.3 ppm Total BTEX <	300				Excavation Extent
Compound (mg/kg) TPH - GRO/DRO <	0.0	the company of the company	Benzene Total BTE	<0.050	(Approximate)
Benzene <0.050		8 4 19	TPH - GRO/D		Buried DCP Line
Total BTEX <0.300 SS17 @ 3.0'	X		~ IPH - GRO/L	RO <10.0	Property Fence
TPH - GRO/DRO <10.0 11/15/2016 PID = 4.7	om		552	@ 3.0'	
A CONTRACT OF A	/kg)	\times \sim		PID = 7.8 ppm	NMOCD Action Levels - Soil
BS27 @ 4.0' Benzene <	050		Compoun		Compound (mg/kg)
11/15/2016 PID = 8.3 ppm Total BTEX <	300		Benzene	<0.050	
We change and the second se	0.0		Total BTE		Benzene 10 Total BTEX 50
Benzene <0.050			TPH - GRO/D		TPH 100
Total BTEX <0.300				10.0	50
TPH - GRO/DRO <10.0 SS15 @ 3.0'	SS16 @ 8.0'	SS19 @ 3.0'	BS29 @ 4.0' BS28	@ 4.0'	Notes:
11/15/2016 PID = 6.8	pm 11/15/2016 PID = 60.4 ppm	11/15/2016 PID = 8.3 ppm 11/15/20	16 PID = 37.1 ppm 11/15/2016 F	ID = 24.2 ppm	PID - Photo Ionization Detector
Compound (m	/kg) Compound (mg/kg)		oound (mg/kg) Compound	(mg/kg)	GPS- Global Postioning System
Benzene <	050 Benzene <0.050	Benzene <0.050 Ben	zene <0.050 Benzene	<0.050	PPM-Parts Per Million
Total BTEX <	300 Total BTEX <0.300	Total BTEX <0.300 Total	BTEX <0.300 Total BTEX	<0.300	Red bold text denotes exceedances
TPH <	0.0 TPH - GRO/DRO <10.0	TPH - GRO/DRO <10.0 TPH - G	RO/DRO <10.0 TPH - GRO/D	RO <10.0	of NMOCD action level standards.
	526 @ 13.0' SS18 @ 3.0'		and the second sec		Buried infrastructure has been spatially
A REAL PROPERTY AND A REAL	PID = 11.3 ppm 11/15/2016 PID = 5.4 p		A STATE OF A		projected and needs to be field verified.
11/13/201 Comp		g/kg) 11/15/2016 PID = 12.9 ppm Compound (mg/kg)		S 2 2 3 5 5	N
Benz			A STATE OF THE STATE	de la cargina	0 20 40
Total	E	0.050 Benzene <0.050 0.300 Total BTEX <0.300			
Imagery Source: Google Earth; 2016 Google TP			State State State	S AFT	
		10.0 TPH - GRO/DRO <10.0	Participants Brown	SECTOR A NO	
DATE:		DCDM	idstream		
January 2017 DESIGNED BY:	SMAN Tasman Geosciences, Inc.			South Execut	ation Soil Sample Figure
B. Humphrey	SMAN Tasman Geosciences, Inc. 6899 Pecos Street - Unit C DENVER, CO 80221		ompressor Station hip 15 South, Range 27 East		ation Soil Sample FIGURE
	Denver, CO 80221		inp to obuin, range zr Last	Analy	10a i iguio 4

D. Arnold



DATE: January 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

opm
mg/kg)
<0.050
<0.300
<10.0

÷			
	ao	nd	
Le	ye	nu	

8	Soil Sample (Approximate)
	Excavation Exten (Approximate)
	Buried DCP Line

Property Fence

NMOCD Action Le	evels - Soil
Compound	(mg/kg)
Benzene	10
Total BTEX	50
TPH	100

Notes:

PID - Photo Ionization Detector GPS- Global Postioning System PPM-Parts Per Million

Red bold text denotes exceedances of NMOCD action level standards.

Buried infrastructure has been spatially projected and needs to be field verified.

West Excavation Soil Sample Analytical Figure



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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.7-14	6						
TPH 8015M	mg/kg Analyzo		Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	97.3	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.7-14	6						
TPH 8015M	mg/	′kg	Analyze	d 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 9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.7-14	6						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

2	
La	CA
bor	J
ato	DIN
orie	NA
N	

Rust

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DCP / Project Manager: CLarke	Tas man		BILL TO			ANALYSIS REQUEST
Address:	Weathers /	Driven Hemphrey	P.O. #: Company:			
City:	State:	Zip:	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:	er:	City:			
Project Name:			State: Zip:		_	
Project Location: But	Buffals Valley Compressor Station	pressor Station	*		_	
Sampler Name: Kul	Norma		Fax #:		_	
FOR LARLISE ONLY						
FOR DB USE ONLY			PRESERV. SAMPLING		Y	
	Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TPH	BETE	
2 SS #	#01 @34+.	5	1 11-2-16	3/50 /		
	0	6 - - - -		4:10		
PLEASE NOTE: Lablity and Damages. Cardinal's lability and disorts evolution are						
service. In no event shall Cardinal te and any over unuse wasabeers minit to detend average in writing and received by Cardinal writing bat received by Cardinal writing bates of use, or boas of profits incurred by the portormance of services hereunder by Cardinal regardless of writers under the above stated reasons or otherwise. Relinquished By: Date: U-2.46 Received By: Fax Result: Fax Result:	Incidential or concentral damages, including to the portermance of services hereunder by Date: 11-2.16	ages, including without limitation, business interruptions, to transurder by Caudinal, regardless of whether such claim a strateurder by Caudinal, regardless of whether such claim a <u>11-2.16</u> Received By:	received by Cardinal within 30 days after ores of use, or loas of profits incurred by cli- s based upon any of the above stated rea a based upon any of the above stated read	pplicable	Yes No A	Add" Phone #: Add" Fax #:
Relingyished By:	Time:	Received By:	MADA		weather Imphrey (Ssu weathers @ dcpmidstream. com bhumphrey @ tasman-aeo.com
Delivered By: (Circle One)	ne) 1 0 0	D Sample Condition	ON CHECKED BY:			

† 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	76.6	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	86.5	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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		Analyze	d 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 9	% 73.6-14	0						
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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered B Sampler - UPS	Relinquished By:	hughe No	Relinquished By	PLEASE NOTE: Liabery and analyses, All claims including service. In no event shall Can			٦	6	n	-	h	2	-	Lab I.D.		Sampler Name:	Project Location	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	AF
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	y:		ALC ont of on sensed so the benomination.	PLEASE NOTE: Lacenty and usinges. Conjunas second and any other cause what analyses, All claims including those for negligence and any other cause what service. In no event shall Cardinal be liable for incidential or consequential of services. In no event shall cardinal be liable for incidential or consequential of services. In no event shall cardinal be liable for incidential or consequential of services. In no event shall cardinal be liable for incidential or consequential of services. In no event shall cardinal be liable for incidential or consequential of services. In no event shall be and the services of services of services of services.			5510 @ 3 E		03	03	\$ @ 9055	050	-	Sample I.D.		Kvle Norman	Project Location: Buffalo Valley Compressor Station								ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476
2:42	Date: Time:	Time: 10	Date: N. 4.11	atsoever amages, as hereu	islus remark for		£ 1 .	Et.					3 ft.	9			pressor Stati		Project Owner:	Fax #:	State: NM		ian Humphrey	nan Geoscience	ATORIES bbs, NM 8824 (505) 393-247
Sample Condition	Received by:	home	Received By:		aim arising whether based		511	611	GIU	6. 1	A I b	61 1	6 1	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX		ion				Zip:				
t (Initials)		Henson	e)	med waived unless made in writing and received by Cardinal within 30 days hout limitation, business interruptions, loss of use, or loss of profits incurred inal, regardless of whether such claim is based upon any of the above states	in contract or fort, shall be limited to the an		1 4	1 1	1	0 4	5 11	/ "	1.	OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV. SA		Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020
Y:	GIIGI	REMARKS:	Phone Result: Fax Result:	by di	rount paid by the client for the		11111	11 1:30	~	11 1:00	11 12:50	11 12:00		DATE TIME	SAMPLING									TO	3
	Icou		f	e applicable ries, e,	the				_			-	•	-	-	-	ori	-	-	-	_				
	bh	6. CM	C Yes		$\left \right $	-				1		-	1		P	-	TE		_	Λ	-		-		
	umph	team	No No		H	+		+	-						Те	-	-	-		í.,	_			1	
	rey@	hore	Add'l		T					3	*		T	Comple	ete	0	Cat	tio	ns	/A	nio	ns		ANALYSIS	
	tasm	h	Add'l Phone #: Add'l Fax #:		E										_	٦	ΓD	S			_	_	_		
-	an-ge	nidstr			$\left \right $	-		+	-	+	+	+	+			_	_	-	-	-	-	-	-	REQUES	
	ohumphrey@tasman-geo,com	REMARKS:													_		_	_	_						61
					-											_		_		-	_			-	



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	26.0	1.20	11/07/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 73.6-14	0						
TPH 8015M	mg,	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	348	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	83.9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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		Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	90.7	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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 9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	zed 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	7						
Surrogate: 1-Chlorooctadecane	94.5	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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		Analyze	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 9	73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	151	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 SM4500CI-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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Image: Steve Weathers / Frainan Geoscience BILL 170 Image: State: NM Zip: Po.#: Image: State: NM Zip: Address: Image: Fax#: Project Owner: Company: Image: Fax#: Project Owner: City: Image: Forject Owner: State: City: Image: Forject Owner: Fax#: City: Image: Forject Owner: Fax#: City: Image: Sample I.D. Sample I.D. MATRIX Preserv Image: Sample I.D. Gig RaB or (C)OMP. Fax #: City: Image: Sample Condition Fax #: City: Sample Condition Date: Image: Sample Condition Gig RAB or (C)OMP. MATRIX Preserv Sample Condition Image: Sample Condition Gig RAB or (C)OMP. Fax #: Date: Date: Date: Date: Image: Date: Image: Image: Image: Image: Image:	Contraction (VOLCS (506) 393-2276 (325) 673-7001 FAX (325)							Dus - Ciner			
State: NM Zip: Attr: Fax #: Fax #: Address: Project Owner: City: Fax #: Frain Humphrey Fax #: Address: Project Owner: City: State: NM Zip: Fax #: Address: Project Owner: City: State: State: NM Zip: Fax #: Address: Kvie Norman Fax #: Fax #: Fax #: Fax #: Support East: Zip: Fax #: Fax #: Support Fax #: Fax #: Fax #: Fax #: Support Gig GRAB OR (C)OMP. MATRIX PRESERV SAMPIC SS 13 Gig 4 & C Gig GROUNDWATER MATRIX PRESERV SAMPIC SS 10 Gig 4 & C Gig GROUNDWATER OATE SOIL UP+ SOIL UP+ SS 10 Gig 4 & C Gig 1 & UP+ Gig 1 & UP+ Gig 1 & UP+ UP+ SOIL UP+ SS 10 Gig 1 & UP+ Gig 1	101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 1000 Midstream / Tasman Geoscience Elit. 170 11000 Steve Weathers / Brian Humphrey P.O.#: 1110 Fax #: Project Owner: 1111 Fax #: Project Owner: 1111 State: Zip: 1111				CHECKED BY:	Sample Condition Cool Intact	940	Circle One)	ampler - UPS		
Built Bill TO Steve Weathers / Tasma Geoscience State: NM Zp: State: NM Zp: Address: Faxt: Project Owner: Faxt: Address: Company: State: Zp: Faxt: Project Owner: Company: State: Zp: Address: Zp: Faxt: Project Owner: City: State: Zp: Address: Zp: Faxt: Project Owner: City: State: Zp: Address: Zp: Sample I.D. Sample I.D. Grave Preservic Sample I.D. State: Zp: SS J @ @ 4 C + 1 Grave Grave Preservic Sample I.D. Sample I.D. Sample I.D. SS J @ @ 4 C + 1 Grave Grave Preservic Sample I.D. Sample I.D. Sample I.D. SS J @ @ 4 C + 1 Grave Grave Preservic Sample I.D. Preservic Sample I.D. SS J @ @ 4 C + 1 Grave Grave Faxe Preservic Sample I.D. Sample I.D. SS J @ @ 4 C + 1 Grave Grave Grave Preservic Sample I.D. Sample I.D. SS J @ @ 4 C + 1 Grave Grave Grave Faxe <	101 East Marland, HONDS, NM 88240 2111 Beechwood, Abilene, TX 79603 1050 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (525)673-7020 110 DCP Midstream / Tasman Geoscience 911 91	wweathers@dcpmidstream.cc	sults: s	email re		ed By:	Deceiv				
Sleve Weathers / Tasman Gooscience BitL TO Advances ? Sleve Weathers / Brian Humphrey For # Company: State: NM Zip: Advances Fax #: Fax #: Advances Cin/p: Advances Cin/p: State: NM Zip: Advances Fax #: Fax #: Advances Cin/p: State: Zip: Advances Cin/p: State: Zip: Zip: State: Zip: Zip: State: Zip: Zip: State: Zip: Zip: Zip: Zip: Zip: Zip:	101 East Martand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020 Image: Company: State: NM Zip: Fax #: Project Owner: Fax #: Project Owner: Fax #: Project Owner: Station Kile Nome Image: State: XMP Zip: State: Zip: Zip: Zip: Zip: State: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip	EI NO	LI Tes	REMARKS:	Lon	IL AUM	00		elinquished By		
Steve Weathers / Tasman Gooscience BitL TO Adartysis State: NM Zip: Fax #: Project Owner: Ciny: Fax #: Project Owner: City: State: Zip: Kide Norman Fax #: City: State: Zip: Kide Norman Fax #: City: State: Zip: Sala: Sig: Gig: Gig: Fax #: City: Sala: Gig: Gig: Fax #: Contrainters Fax #: Sala: Gig: Gig: Gig: Gig: Gig: Gig: Sala: Gig: Gig: Gig: Gig: Gig: Gig: Gig: Sala: Gig: Gig: Gig: Gig: Gig: Gig: Gig: Sala: Gig: Gig: Gig: Gig: Gig: Gig: Gig: Gig: Sala: Gig: Gig: Gig: <th>101 East Marland, Hobbs, NM 88220 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 Image: Company: State: NM Zip: Fax #: Project Owner: Fax #: Project Owner: City: Fax #: City: Ci</th> <th>No No</th> <th></th> <th>Phone Resu</th> <th></th> <th>ed BY:</th> <th>16</th> <th></th> <th>111</th>	101 East Marland, Hobbs, NM 88220 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 Image: Company: State: NM Zip: Fax #: Project Owner: Fax #: Project Owner: City: Fax #: City: Ci	No No		Phone Resu		ed BY:	16		111		
amm / Tasman Geoscience BILL TO amm / Tasman Geoscience For # Brann / Limphrey P.O. #: State: NM Zip: Fax #: State: NM Project Owner: Company: State: NM Zip: Project Owner: City: Project Owner: City: Project Owner: City: Project Owner: State: Project Owner: City: Project Owner: State: Project Owner: City: Project Owner: State: Project Owner: State: Project Owner: City: Project Owner: State: Project Owner:<	fand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 am / Tasman Geoscience B/LL TO hers / Brian Humphrey P.O. #: State: NM Zip: Attn: Fax #: Project Owner: City: Fax #: Project Owner: Fax #: Project Owner: Fax #: Attn: Fax #: Phone #: Fax #: Pioner Fax #: Fax #: Pioner Gi I GROUNDWATER V4 #: Gi I Gi I OIL Gi I Gi I Gi I Gi I Gi I V4 #: Gi I Gi I Gi I Gi I V4 #: Gi I Gi I Gi I Gi I Gi I V4 #: Gi I Gi I Gi I Gi I Gi I Gi I V4 #: Gi I V4 #: Gi I Gi I Gi I Gi I Gi I Gi I		applicable s	s after completion of the a 3 by client, its subsidiaries of reasons or otherwise.	ed by Cardinal within 30 days use, or loss of profits incurred d upon any of the above state	tion, business interruptions, loss of fless of whether such claim is base	s, including without limita sunder by Cardinal, regan	sinal be flable for incident out of or related to the put	Nice: In no event shall C liates or successors arisi elinguished By		
Steve Weathers / Brian Humphrey Pole Buffalo Valley Compressor Station Fax #: Address: Project Owner: Address: Project Owner: Address: Project Owner: Sample I.D. State: NM Zip: Address: Sol 0 9 4 1 Wastrewatter Marine: Zip: Sol 0 9 1 1 Wastrewatter Xip: Xip: Sol 0 9 1 1 1 Xip: Xip: Sol 0 1	OF Teast Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2476 (325) 673-7001 FAX (325) 673-7020 DCP Midstream / Tasman Geoscience BILL TO State: NM Zip: Attn: Froject Owner: Company: State: NM Zip: Project Owner: City: State: Zip: Buffalo Valley Compressor Station Phone #: Zip: Note: Zip: Buffalo Valley Compressor Station Phone #: Zip: Sample I.D. Containers Fax #: Zip: Sol 0 G(G) RAB OR (C)OMP. Fax #: Sol 1 DATE Sol 0 G(G) 4 GROUNDWATER MATRIX PRESERV SAMPLI Sol 0 G(G) 4 GROUNDWATER MATRIX Preserv Sol 1 Sol 0 G(G) 4 GOUNDWATER MATE DATE DATE Sol 0 G(G) 1		° K	nt paid by the client for th	shall be limited to the amount	og whether based in contract or tort	emedy for any claim arisi or shall be deemed walve	Id Damages, Cardinal's liability and client's exclusive of those for negligence and any other cause whatsoe	alyses. All claims includi		
DUC Midstream / Taman Geoscience F: Steve Weathers / Brian Humphrey Final Compressor Station Solution Compressor Station Solution C	IOT East Marland, Hobbs, NM 8240 2111 Beechwood, Abilene, TX 79603 (506) 393-2276 (325) 673-7001 FAX (325)673-7020 State: NM Zip: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Attn: Fax #: Attn: Project Owner: Company: State: NM Zip: Attn: Fax #: Attn: Project Owner: State: Zip: State: NM Zip: Attn: Fax #: Attn: State: NM TRIX Preserv SAMPLI State: NM TRIX Preserv SAMPLI State: NM TRIX Preserv SAMPLI State: Size G 2 G 4 4 + . G 1 1 2 4 2 3 0	-		17415	~	~	6	512 8 6.	10		
DLC Midstream / Taman Geoscience Steve Weathers / Brian Humphrey F: Steve Weathers / Brian Humphrey Fox #: Sample I.D. Sample I.D. Sample I.D. Solu OIL State: Size Size <	IOT East Marland, Hobbs, NM 8240 IOEP Midstream / Tasman Geoscience BILL TO ISteve Weathers / Brian Humphrey P.O. #: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Attn: Fax #: Project Owner: Company: State: NM Zip: Fax #: Company: Buffalo Valley Compressor Station Preserv State: Zip: State: NM Zip: Fax #: Company: State: NM Zip: Fax #: Company: State: NM Zip: Fax #: City: State: NM Signof Compressor Station <th <="" colspan="2" td=""><td></td><td><.</td><td>1.00</td><td>1</td><td>1</td><td>କ </td><td>10 0</td><td>4</td></th>	<td></td> <td><.</td> <td>1.00</td> <td>1</td> <td>1</td> <td>କ </td> <td>10 0</td> <td>4</td>			<.	1.00	1	1	କ 	10 0	4
Steve Weathers / Brian Humphrey State: NM Zip: State: NM Zip: *: Buffalo Valley Compressor Station Fax #: For extrement Company: *: Buffalo Valley Compressor Station For extrement State: NM Zip: *: Buffalo Valley Compressor Station For extrement State: NM Zip: *: Buffalo Valley Compressor Station For extrement State: NM Zip: *: Buffalo Valley Compressor Station For extrement State: NM Zip: *: Buffalo Valley Compressor Station For extrement State: NM Zip: *: Buffalo Valley Compressor Station For extrement State: Zip: State: Zip: *: SS1 @ # 4ft; G GROUNDWATER MATTER Zip: State: Zip: *: SS1 @ # 4ft; G GROUNDWATER MATTER Zip: Zip: *: SS1 @ # 4ft; G GROUNDWATER MATTER Zip: Zip: *: SS1 @ # 4ft; G GROUNDWATER Soll Soll Zip: *: SS1 @ # 4ft; G GROUNDWATER Soll Soll Zip: *: SS1 @ # 4ft; G GROUNDWATER Soll Soll Zip: *: SS1 @ # 4ft; G GROUNDWATER Soll Soll Zip: *: SS1 @ # 4ft; G G GROUNDWATER	101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (506) 393-2276 (325) 673-7001 FAX (325)673-7020 BLL TO Steve Weathers / Brian Humphrey P.O. #: Fax #: Company: Steve Weathers / Brian Humphrey P.O. #: Froject Owner: Froject Owner: Froject Owner: City: State: NM Zip: Froject Owner: City: State: Zip: Project Owner: City: State: Zip: None #: KVIe Norman * Project Owner: City: State: Zip: None #: KVIe Norman Fax #: Silubge Silubge Silubge Silubge Silubge OTHER: Silubge <th colspan<="" td=""><td>~</td><td><.</td><td>11.50</td><td>1</td><td></td><td>61</td><td>06 @</td><td>bd</td></th>	<td>~</td> <td><.</td> <td>11.50</td> <td>1</td> <td></td> <td>61</td> <td>06 @</td> <td>bd</td>	~	<.	11.50	1		61	06 @	bd	
Steve Weathers Bit TO Steve Weathers Brian Humphrey Fo. #: State: NM Zip: State: NM Zip: State: NM Zip: Fax #: Fax #: Folect Owner: City: State: Zip: Fax #: Fax #: Fax #: City: State: Zip: SS 12 @ 3 ft; GROUNDWATER MATRIX Fax #: Zip: Address: SS 13 @ 4 ft; GROUNDWATER MATRIX Fax #: Zip: Site SS 13 @ 4 ft; GROUNDWATER MATRIX Fax #: Zip: Site SS 2 @ 4 ft; GROUNDWATER MATRIX Fax #: Zip: Site SS 13 @ 4 ft; GROUNDWATER MATRIX Fax #: Zip: Site SS 01L OIL OIL SAMPLING Site Zip: Site SS 13 @ 4 ft; GROUNDWATER MATRIX Fax #: Zip: Site Zip: SS 01L OIL Site Cool Site Zip: Site Zip: SS 14 (1) 0 GROUNDWATER MATRIX Site Zip: Zip: Site Zip: SS 15 (2) 0 GROUNDWATER	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 P. DCP Midstream / Tasman Geoscience P.O. #: State: NM Zip: Fax #: Project Owner: Fax #: Project Owner: State: NM Zip: Fax #: Project Owner: State: ND Zip: Sample I.D. MATRIX Kvie Norman Fax #: Sol @ 44+i GROUNDWATER SS 0 3 @ 44+i G 1	× ·	~	11:15	V	V	5	04 0	2		
Bill TO Bill TO State: Bill TO State: NM State: NM Site: Project Owner: Fax #: Froject Cool <tr< td=""><td>101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2276 (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 Image: State: NM Zip: File (325) 673-7001 FILE TO State: NM Zip: Flow Flow Fax #: Project Owner: Attn: Fax #: Project Owner: Attn: Forject Owner: State: Zip: Number of COMPP Image: Sample I.D. MATRIX Preserv: Sample Soll OTHER: ActiD/BASE: Soll OTHER: ActiD/B</td><td>< ·</td><td><</td><td>11:10</td><td></td><td>•</td><td>1 2</td><td>203 C</td><td>10</td></tr<>	101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2276 (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 IDCP Midstream / Tasman Geoscience Image: File (325) 673-7001 FAX (325)673-7020 Image: State: NM Zip: File (325) 673-7001 FILE TO State: NM Zip: Flow Flow Fax #: Project Owner: Attn: Fax #: Project Owner: Attn: Forject Owner: State: Zip: Number of COMPP Image: Sample I.D. MATRIX Preserv: Sample Soll OTHER: ActiD/BASE: Soll OTHER: ActiD/B	< ·	<	11:10		•	1 2	203 C	10		
State: NM Zip: State: NM State: NM Zip: Address: Project Owner: City: Project Owner: Fax #: Project Owner: City: Address: SS // C 3 ft. GROUNDWATER MATRX PRESERV State: Zip: SS // C 3 ft. GROUNDWATER MATRX PRESERV State: Zip: SS // C 3 ft. GROUNDWATER MATRX PRESERV State: Zip: SUDGE OTHER: MATRX PRESERV SAMPLING OIL SUDGE OTHER: DATE Tip: SOIL OIL SUDGE OTHER: DATE Tip: SOIL OIL SUDGE TPH 8015 M BTEX SOIL DATE TEXAS TPH Complete Cations/Anions SOIL TDS TDS	101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-22476 (325) 673-7001 FAX (325)673-7020 BUCP Midstream / Tasman Geoscience BILL TO P.O. # P.O. # COP Midstream / Tasman Geoscience P.O. # State: NM Zip: Fax #: Fax #: Project Owner: City: Foject Owner: City: Buffalo Valley Compressor Station Phone #: Numerical Colspan="2">Matte: Sample I.D. Soll SS (G) @ 4 (£ +. SS (G) @ 4 (£ +. </td <td>~</td> <td>1</td> <td>11:05</td> <td>1</td> <td>~</td> <td>2</td> <td>ę</td> <td>-0</td>	~	1	11:05	1	~	2	ę	-0		
Size State: NM Zip: State: NM Zip: Size: Norman State: NM Zip: Fax #: Company: Size: Norman Figle: Out State: NM Zip: Size: Nie Norman Figle: Address: Company: Address: Size: GROUNDWATER MATRIX Figle: Zip: Address: Wastewater Soil Oil State: Zip: Zip: Soil Oil Size: Figle: Zip: Zip: Other: GROUNDWATER Phone #: Zip: Zip: Wastewater Soil Oil Size: Zip: Other: Figle: Zip: Zip: Zip: Other: Coll Size: Zip: Zip: Size: Coll Size: Zip: Zip: Other: Coll Size: Zip: Zip: Other: Chlorides TPH 8015 M <	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 Image: DCP Midstream / Tasman Geoscience F.X (325)673-7020 Image: State in Humphrey P.O. #: State: NM Zip: Fax #: Project Owner: Fax #: Project Owner: Image: State in Humphrey Phone #: Fax #: Project Owner: Image: State in Humphrey Phone #: Image: State in Humphrey Phone #: <t< td=""><td></td><td><</td><td>11:00</td><td>-</td><td>V</td><td>2</td><td>0</td><td></td></t<>		<	11:00	-	V	2	0			
Size: NM State: NM Zip: State: NM Zip: Fax#: Sample I.D. Sample I.D. Fax#: Address: Company: Soll OL State: Project Owner: City: Soll OL State: Prone #: Zip: Soll OL Fax#: Zip: Address: OL State: Prone #: Zip: Soll OL Fax#: Zip: OL Studge Fax#: Zip: OTHER: ACID/BASE: Texas TPH OC BTEX Texas TPH Ocmplete Cations/Anions TDS <td>101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2376 (325) 673-7001 FAX (325)673-7020 Sign Humphrey (325) 673-7001 FAX (325)673-7020 State: NM Zip: State: NM Zip: P.O. #: Fax #: Project Owner: Company: Fax #: Address: Project Owner: City: State: NM Zip: Attn: Fax #: Address: Project Owner: City: Phone #: Matter: State: Zip: None #: Fax #: Matter: Sitate: Zip: State: NM Zip: State: Zip: Project Owner: Sitate: Zip: None #: Kyle Norman Matter: Zip: Sitation Preserv Sample Sitation Preserv Sampli Sitatic: Zip: Preserv</td> <td></td> <td>5</td> <td>10:40</td> <td></td> <td></td> <td>2</td> <td></td> <td></td>	101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2376 (325) 673-7001 FAX (325)673-7020 Sign Humphrey (325) 673-7001 FAX (325)673-7020 State: NM Zip: State: NM Zip: P.O. #: Fax #: Project Owner: Company: Fax #: Address: Project Owner: City: State: NM Zip: Attn: Fax #: Address: Project Owner: City: Phone #: Matter: State: Zip: None #: Fax #: Matter: Sitate: Zip: State: NM Zip: State: Zip: Project Owner: Sitate: Zip: None #: Kyle Norman Matter: Zip: Sitation Preserv Sample Sitation Preserv Sampli Sitatic: Zip: Preserv		5	10:40			2				
Stop State: NM Zip: State: NM Zip: Fax #: Company: Sample I.D. Sample I.D. GROUNDWATER MATRIX Prosestriv State: Zip: Address: GROUNDWATER MATRIX Presserv State: Zip: Address: Zip: GROUNDWATER MATRIX Presserv State: Zip: Address: OIL SoliL OIL Fax #: Zip: Address: OIL SoliL Presserv State: Zip: OIL SoliL Fax #: Zip: Zip: OIL SoliL State: Zip: Zip: OIL SoliL Fax #: Zip: Zip: OIL SoliL State: Zip: Zip: OTHER: Hanner Presserv State: Zip: OIL State: TPH 8015 M State: Zip: Texas TPH<	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 Properties / Brian Geoscience P.O. #: State: NM Zip: Fax #: Project Owner: Project Owner: Company: State: NM Zip: Fax #: Project Owner: Project Owner: City: Sample I.D. MATRIX Solid OIL State: / OTHER: Pax #: Solid OIL State: / OTHER: Proserv Solid OIL State: Zip: Phone #: Preserv Solid OIL Studie: OIL Studie: OIL Studie: OIL Studie: OIL OIL OIL OIL <td>. <</td> <td>5</td> <td>10:35</td> <td></td> <td></td> <td>200</td> <td>12 00</td> <td>K</td>	. <	5	10:35			200	12 00	K		
Solit State: NM Zip: State: NM Zip: Sample I.D. Sample I.D. Fax #: Project Owner: Company: WASTEWATER MAILYSIS Solit OIL SLUDGE OTHER: PRESERV: Solit Fax #: Zip: Actio/BASE: PRESERV: Samplus OIL State: Preserve Solit OIL Fax #: Solit Fax #: Zip: Actio/BASE: PRESERV: Samplus OTHER: PRESERV: Samplus OTHER: Fax #: Zip: Actio/BASE: PRESERV: Samplus OTHER: PRESERV: Samplus OTHER: Fax #: Zip: Actio/BASE: PRESERV: Samplus OTHER: Fax #: Zip: Actio/BASE: PRESERV: Samplus OTHER: Samplus Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS	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 Project Owner FAX (325)673-7020 State: NM Zip: Fax #: Project Owner: Project Owner: State: Project Owner: Company: Sample I.D. Project Owner: Soll Orld Base: Prosect Valley Sample I.D. Prosect Valley Soll Orld Base: Preserv Soll Orld Base: Orld Fax #: Valley Compressor Station Preserv Soll Orld Base: Zip: Fax #: Phone #: Vie Norman Preserv Soll Orld Base: Orld Base: OTHER: Orld Base: OTHER: Orld Base: OTHER: OTHER:			-	0-11		- 10	S @ CI	4		
Sample I.D. Fax #: State: NM Zip: Company: (G)RAB OR (C)OMP. Fax #: Project Owner: Project Owner: Company: (G)RAB OR (C)OMP. Fax #: State: Zip: Attn: (G)RAB OR (C)OMP. Fax #: Zip: Attn: OIL State: Zip: Zip: OTHER: NOTE Fax #: Zip: OTHER: State: Zip: Zip: OTHER: NOTE State: Zip: <td< td=""><td>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 Project Midstream / Tasman Geoscience P.O. #: State: NM Zip: State: NM Zip: Fax #: Project Owner: Project Owner: Company: State: NM Zip: Address: Project Owner: Company: State: NM Zip: Address: Project Owner: City: Vie Norman Fax #: Kyle Norman Fax #: Sample I.D. MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER Soil OIL State: State: Zip: Phone #: Project Owner: Fax #: Phone #: Value Norman Presserv Soil OIL State: Conput Note: City: Sample Dotte: Phone #: City: Sample Dotte: Dotte: Dotte: Sample </td><td></td><td></td><td>+</td><td>1</td><td></td><td>61</td><td>1103</td><td>-</td></td<>	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 Project Midstream / Tasman Geoscience P.O. #: State: NM Zip: State: NM Zip: Fax #: Project Owner: Project Owner: Company: State: NM Zip: Address: Project Owner: Company: State: NM Zip: Address: Project Owner: City: Vie Norman Fax #: Kyle Norman Fax #: Sample I.D. MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER Soil OIL State: State: Zip: Phone #: Project Owner: Fax #: Phone #: Value Norman Presserv Soil OIL State: Conput Note: City: Sample Dotte: Phone #: City: Sample Dotte: Dotte: Dotte: Sample			+	1		61	1103	-		
F: Steve Weathers / Brian Humphrey PILL TO ANALYSIS State: NM Zip: Company: Project Owner: Company: Fax #: Project Owner: City: Attn: Attn: Project Owner: Project Owner: City: City: We Norman Fax #: City: City: N: Buffalo Valley Compressor Station Fax #: City: Phone #: Zip: Chlorides PH 8015 M BTEX exas TPH e Cations/Anions TDS	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 IDCP Midstream / Tasman Geoscience P.O. #: IDCP Midstream / Tasman Geoscience Company: State: NM Zip: Fax #: IDCE Fax #: Phone #: IDCE Fax Preservice Sampling	т			CE / COOL OTHER :	WASTEWATER SOIL OIL SLUDGE			Lab I.D.		
BILL TO BILL TO r: Steve Weathers / Brian Humphrey P.O. #: State: NM Zip: State: NM Zip: Fax #: Company: Fax #: Address: Project Owner: City: Project Owner: City: Phone #: Dorides 1 8015 M BTEX Kvie Norman Fax #:	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 P.DCP Midstream / Tasman Geoscience P.O. #: TSteve Weathers / Brian Humphrey P.O. #: State: NM Zip: Fax #: Address: Project Owner: City: I: Buffalo Valley Compressor Station Phone #: Kyle Norman Fax #:	e)	-	MPLING		MATRIX	5		and the set of the		
Buffalo Valley Compressor Station BILL TO ANALYSIS Project Owner: Company: Company: Project Owner: Company: Attn: Project Owner: City: State: Zip: Project Owner: City: City: Phone #: OI 15 M EX S TPH Ations/Anions OS	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 P. DCP Midstream / Tasman Geoscience P.O. #: P.O. #: TSteve Weathers / Brian Humphrey P.O. #: Company: State: NM Zip: Attn: Fax #: Project Owner: City: In Buffalo Valley Compressor Station Phone #:	BT kas	-	-	x #:				FOR LABUISE ONLY		
State: Zip: ANALYSIS	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020 P.O. #: Company: Attn: Address: City: State: Zip:	E) s T atic	-		ione #:	Ph	sor Station	n: Buttalo Valley Compres	Project Locatio		
anager: Steve Weathers / Brian Humphrey P.O. #: ANALYSIS State: NM Zip: Company: Fax #: Address: Project Owner: City: S A T	VARIANCE CRES 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 Name: DCP Midstream / Tasman Geoscience anager: DCP Midstream / Tasman Geoscience P.O. #: anager: Steve Weathers / Brian Humphrey P.O. #: State: NM Zip: Company: Fax #: Project Owner:	K Pł	-			St			Project Name:		
anager: Steve Weathers / Brian Humphrey P.O. #: ANALYSIS State: NM Zip: Company: Fax #: Address:	Interformer Landork I OKIES 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 Name: DCP Midstream / Tasman Geoscience P.O. #: anager: Steve Weathers / Brian Humphrey State: NM Zip: Attn: Fax #:	4	_		ty:	C	t Owner:	Projec	Project #:		
ess: Bill TO ANALYSIS State: NM Zip: Attn: Attn:	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 pany Name: DCP Midstream / Tasman Geoscience P.O. #: P.O. #: ess: State: NM Zip: Attn:	ni	2		idress:	Ac		Fax #:	Phone #:		
ess: DCP Midstream / Tasman Geoscience ANALYSIS ANALYSIS est Manager: Steve Weathers / Brian Humphrey P.O. #: Company: 0	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 pany Name: DCP Midstream / Tasman Geoscience P.O. #: vct Manager: Steve Weathers / Brian Humphrey P.O. #: ess: Company:	on	_		tn:	At		State	City:		
DCP Midstream / Tasman Geoscience BILL TO ANALYSIS Steve Weathers / Brian Humphrey P.O. #: Image: Constraint of the second	Of East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 DCP Midstream / Tasman Geoscience BILL TO Steve Weathers / Brian Humphrey P.O. #:	s			ompany:	0			nuuless.		
Christ Works - / Date - ANALYSIS - BILL TO - ANALYSIS	01 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 DCP Midstream / Tasman Geoscience		_		0. 禁	P	umphrey		Addman		
	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			0	241		eoscience		Project Manad		

Relinquished By: Delivered By: Sampler - UPS -	PLEASE NOTE: Lability Inalyses, All claims inclu-		Lab I.D.	FOR LABUSE ONLY	Project Locati	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	
Date://_746 Tup: 0 2 Tup: 0 2 Tup: 0 2 Delivered By: Delivered By: Circle One) Time: Time: Sampler - UPS - Bus - Other: # 7 5	PEASE NOTE: Lubitly and Damages. Cardinal's labitly and clerch exclusive intendey for any claim arising whether based in contract or tort, shall be limited to the amount paid by the clerct for the ansiyes. All claims includely to the clerch exclusive intendey for any claim arising whether based in contract or tort, shall be limited to the amount paid by the clerct for the service in no event shall Cardinal's includely of consequential damages, including without imitation, basiness internations, loss of use, or loss of portions include on the application of t	BS 13 @ 4€+	Sample I.D.	FOR LABUSE ONLY	Project Location: Buffalo Valley Compressor Station		Project Owner:	Fax #:	State: NM		100	me: DCP Midstream / Tasman Geoscience	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476
	for any claim are be deemed way		(G)RAB OR (C)OMP # CONTAINERS	4	tation		Ier:		Zip:		Irey	ance	6 6
d By: d By: Sample Cou Cool Inta	aing whether based in contract or tort	1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX									2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020
CH CH	artort shall be fimile	L	OTHER : ACID/BASE: ICE / COOL OTHER :	Fax #: PRESERV.	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:	B	, Abilene, T AX (325)67:
ECKED BY:	ed to the annount paid by the client for the annount paid by the client for the annount paid by the client for the annount paid by the client is subsection of the annount of points in current by the client is subsection.	-	DATE	/. SAMPLING		Zip:						BILL TO	1.
Phone Result: <u>Ves</u> <u>No</u> <u>Add'I Phone #:</u> Fax Result: <u>Ves</u> <u>No</u> <u>Add'I Fax #:</u> REMARKS: email results: swweathers@dcpmidstream.com bhumphrey@tasman-geo,com	by the client for completion of th	1:00	TIME	NG									
esults	the applicable is a splicable			Chl				_					
□ Yes		<	11	PH B	TE		M		_				
⊠ No Imphre			т	exa		_	н			_			9,73
<u>es 2 No Add'I Phone #:</u> <u>s 2 No Add'I Fax #;</u> swweathers@dcpmidstream.c bhumphrey@tasman-geo,com			Complet			-	s/A	ni	on	s		ANALYSIS	
lcpmi sman				1	DS	; 		-	_	_		- 1	
dstrea						_		-		_		REQUEST	
im.col												ST	1
З								-	_		-		
				-	-	-	-	÷			-		

Page 15 of 15



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	kg	Analyze	d 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	111 9	6 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	82.6	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
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 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	<i>99.2</i>	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	105	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	108 9	28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 %	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	160 9	6 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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

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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Loratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 10

Sampler - UPS - Bus - Other: Relinquished By: Relinquishe City: Project Manager: Steve Weathers / Brian Humphrey Delivered By: (Circle One) nalyses. All claims including those ervice. In no event shall Cardinal b Lab I.D. Sampler Name: Kyle Norman Project Name: Project #: Phone #: Address: Company Name: LEASE NOTE: LI HUDDAT Project Location: Buffalo Valley Compressor Station FOR LAB USE ONLY † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 Dility and ARDINAL LABORATORIES 28 BS 22 @ 4.5' BS 22 @ 4.5' 8524 BS200 101 East Marland, Hobbs, NM 88240 BS 19 @ DCP Midstream / Tasman Geoscience (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 negligence and any other cause whatsoever shall be able for incidental or consequental damages, including ardinal's liability and client's exi Sample I.D. 0 D 04.5 in 5.5 in 5 Time: Date: Time Date: Fax #: Project Owner: State: NM 60 pemed SSSSSS (G)RAB OR (C)OMP Zip Received By: 2111 Beechwood, Abilene, TX 79603 paven --# CONTAINERS lived By GROUNDWATER Yes Yes No No No Sample Condition WASTEWATER made in writing and rece MATRIX 22 SOIL OIL SLUDGE loss of u OTHER State: City: P.O. #: RUSH Attn: Company: Fax #: Phone #: Address: ed by Cardinal within 30 days after completion of the applicable use, or loss of profits incurred by client, its subsidiaries d upon any of the above stated reasons or otherwise. ACID/BASE PRESERV CHECKED BY: ICE / COOL BILL TO OTHER Zip: 11-9-16 DATE TIME SAMPLING hald by the client for the Phone Result: Fax Result: REMARKS: CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 10:15 email results: swweathers@dcpmidstream.com 1:45 5h:01 10:25 11/11/16: Kyle added 675+07PH to # 6. 1:06 1:20 Chlorides TPH 8015 M Yes bhumphrey@tasman-geo,com 2 BTEX 00 No **Texas TPH** Add'l Phone #: Add'l Fax #: A ANALYSIS REQUEST **Complete Cations/Anions** ž 40K TDS × TPH BTEX added

a 10 of 10



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	29.9	3.00	11/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	227 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	92.5	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	109 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	110 9	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	84.2	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	92.4	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 % 73.6-14		0						
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% 35-14		,						
Surrogate: 1-Chlorooctadecane	84.0	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	90.2	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	zed 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	35-147	,						
Surrogate: 1-Chlorooctadecane	111 9	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 18 of 20

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476	0 2111 Beechwood, Abilene, TX 79603 6 (325) 673-7001 FAX (325)673-7020	llene, TX 79603 325)673-7020			
Company Name: DCP Midstream / Tasman Geoscience		BILL TO		ANALYSIS	SIS REQUEST
	P.O. #				
	Cor	Company:		ns	
State: NM	Zip: Attn:	8		nio	
e#: Fax#:		Address:	1	-	
Project #: Project Owner:	City:		-	PH ns/	
ame:	State:	te: Zip:		TF	5
Project Location: Buffalo Valley Compressor Station		Phone #:	80	Cat	ſD
Sampler Name: Kyle Norman	Fa) hl	exa	
FOR LAB USE ONLY	ER MAIKIX				
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	TIME	Com	
1 5514 @ 6.54.		1 1-175	1.75 1	<	
~ N			1:42 V	*	
5517 0			2:05 1		
7 55 19 10 3 44			215 V	~	
0			2:25 V		
0 5522 @ 3 t+.	A A A	4	2:40 J		
PLEASE NOTE: Lability and Damages. Cardinal's lability and dient's exclusive remedy for any analyses. Al claims including these for negligence and any other cause whatsoever shall be dee service. In no event shall Cardinal be lable for incidential or consectuential damages, including with service.	claim arising whether based in contract med walved unless made in writing an hout limitation, business interruptions,	t, shall be limited to the amount, lived by Cardinal within 30 days i f use, or loss of profils incurred i read upon any of the above stated	30 days after completion of the applicable incurred by client, its subsidiaries. we stated reasons or otherwise.		
Relinquished By: Date: //-////	Received By:	MAN	Phone Result:	I No Add'l F	Add'l Phone #: Add'l Fax #:
Relinguished By: Date:	Received By:		email results: si bl	wweathers@ humphrey@	email results: swweathers@dcpmidstream.com bhumphrey@tasman-geo,com
Delivered By: (Circle One)	Sample Condition	CHECKED BY:			
+15	Cool Intact	A			

Page 19 of 20

ARI ARI	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 ne: DCP Midstream / Tasman Geoscience	Rust 2111 Beechwood, Abilene (325) 673-7001 FAX (325)		CHAIN-OF-CUST		ODY AND ANALYSIS REQUEST	AND AN	ĭ≽ Z
	Steve Weathers / Brian Humphrey	P.O. #:			_			s
City:	State: NM Z	Zip: Attn:						
Phone #:	Fax #:	Address:			_	1		
Project #:	Project Owner:	City:					5 M	5 M
Project Name:		State:	Zip:		de	15)15 X	15 X TF
Project Location:	Project Location: Buffalo Valley Compressor Station	n Phone #:				80	80 TE	80 TE
Sampler Name: Kyle Norman	(yle Norman	Fax	1		-	Н	В	B
FOR LAB USE ONLY							TF	TF
	9.	CONTA GROUND WASTEV SOIL DIL SLUDGE DTHER ACID/BA CE / CC	DATE TIME	<pre>m</pre>	ħ	AE	Ā	
1002001	@ 21.		11-15-16 3.00					
1	242 C 274.		1 310			~	6 1	~ ~
14	11		3:15			1	~ ~	~ ~
14	BSZEPT		2.20	0 0		~~	~ ~	V .
15	171 0 1210		Shie A			1	11	11
d)	85 30 E 444							
PLEASE NOTE: Liablity an	d Damages. Cardinal's liability and client's exclusive remedy for any claim	claim ariaing whether based in contract or tort, shall be lin created waived unless made in writing and received by Card	used to the amount paid by the client for the inal within 30 days after completion of the a	pletio	he client for the pletion of the applicable			
affiliates or aucoessors arisi	service. In no event shall Cational be liable for incidental or consequential damages, including without limitation, counses interruptions, our or services or over- service. In no event shall Cational be liable for incidental or consequential damages, including without limitation, counses interruptions, our or services or over- affliates or successors arising out of or related to the performance of services hereunder by Cational, regardless of whether such claim is based upon any of the above stated reacors or otherwise.	Innout limitation, ousiness interruptions, ices or user, or own dinal, regardless of whether such claim is based upon any	of the above stated reasons of	8	ons or otherwise.	ne Result: Ves	Yes	Yes IN No
0	Date://-/	Received By:	REM REM	AR	REMARKS:	ARKS:	Result:	Add'I Fax #: ARKS:
Relinquished By:		Received By:	em		ail resu	ail results: sv bt	ail results: swwea bhump	email results: swweathers@dcpmidstream.com bhumphrey@tasman-geo,com
Delivered By Sampler - UPS	Delivered By: (Circle One) Sampler - UPS - Bus - Other: #75 0	Sample Condition CH Sc Cool Intact Cool Intact Pres Pres	(Initials)					



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

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 sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

010 020-2020 1 00 010 000		
Company Name: DCP Midstream	BILL IO	
isn	Humphrey P.O. #:	
Address:	Company:	
City: State: Zip:	Attn:	
Phone #: Fax #:	Address:	
Project #: Project Owner:	City:	
ame:	State: Zip:	
Project Location: Bullate Valley Compressor Station	Station Phone #:	
Kule Narana 1	Fax #:	
Sampler Name: Nyle Ivo certan	ESERV. SAMPLING	
	PH	TE
Lab I.D. Sample I.D.	UDGE HER : ID/BASE: E / COOL HER :	BE
_	1 91-91-1 1 - 10 0 0 0 0 0	
$O q f_{H}$	1 4 1:00 /	
	Here is a start of the first second for the	
PIEASE NOTE: Labity and Damages. Cardina's labity and clents exclusive entropy or any unit areas writing and received by Cardina's whith 30 days after completion of the applicable analyses. All claims including those to negligence and any other cuare whatever is all be deemed waived units may new interpreters by Cardina's which 30 days after completion of the applicable service. In no event shall Cardina's the labels for incidental or consequential damages, including without limitation, business interruptiona, loss of use, or loss of profits insured by clear, its subsidiares, service. In no event shall Cardina's the labels for incidental or consequential damages, including without limitation, business interruptional, loss of use, or loss of profits insured by clear, its subsidiares, service.	ng wriaing waraw warang and received by Cardinal within 30 days after completion of the applicative wed unless midd in writing and received by Cardinal within 30 days after completion of the applicative fadion, business interruptions, loss of use of use of posts insured by other. It is used	sse
Relinquished By: Date: /////// Received By	Received By: Fax Result: Fax Result: Fax Result:	□ Yes □ No Add'I Phone #: □ Yes □ No Add'I Fax #:
Relinguished By: Date: Rece	(Suweathers @dcpmidstream.com
Time:		bhumphrey & tasman.geo.com
Sampler - UPS - Bus - Other: #75 5.4%	Sample Condition CHEOKED BY: Cool Intract Unitals	
+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	ritten changes to (575) 393-2326	
	ntten changes to (ara) 332-2320	



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	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 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	yzed 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 %	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	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 %	6 35-147	7						
Surrogate: 1-Chlorooctadecane	137 %	6 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B	mg/kg		Analyze	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 BTEX	0.787	0.300	11/18/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	zed 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	7						
Surrogate: 1-Chlorooctadecane	111 9	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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		Analyze	d 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 9	6 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	92.8	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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 9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	zed 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	104 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

(505) 393-2326	FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020	X (325)673-7020 BILL TO		ANALYSIS REQUEST
	æ	P.O. #:		
Project manager: Steve Weathers / Brian numprey		Company:		ns
855	State: Zip:	Attn:		nio
Chigo #. Fa		Address:		-
	Project Owner:	City:	5 N	PH
500		State: Zip:)15 EX	tio
Project Incetion: Rulles Unlies	Compressor Station	Phone #:	TE	-
≦		Fax #:	Ch PH E	e
Lab I.D. Sample I.D.)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL	THER : CID/BASE: CE / COOL THER :	TI	Comple
Hb02597	- # Gi V S O		-17-16 q. 45 V V	
		-		
SS 26 @			10.70 V V	
4 SS 27 @3.			<	
SS			10.45 / V	
1 0001 00	-		10:55 V V	
8 <5 2 9 0 3'			11:00 Y Y	
			11.00 V V	
ID SS 31 C 3' PLEASE NOTE: Liability and Damages. Cardinats liability and clent	whether bedy for any claim arising whether bar whether bar	ether based in contract or fort, shall be limited to the amount paters based in writing and received by Cardinal within 30 days after a set the set of the	pplicable	
analyses. Au counts include yinder of increases of increases and a second	ages, including without limitation, business hereunder by Cardinal, regardless of wheth	er such claim is based upon any of the above stated reasons or otherwise. Phone Resu	It: DYes D	No Add'l Phone #:
Relinquished By:	1:45	kuson	□ Yes sults: s	Fax Result:
Relinguished By:	Time: Received By:		bhur	ohumphrey@tasman-geo.com
Delivered By: (Circle One)	HIC 1.40 Sample Condition	Yes CHECKED BY:		

Page 17 of 18

1

1	т
P	
1	
5	
66	
n Z	
A	
s	
15	
0	
-0	
5 Z	
AT	
zO	
≤ <u>7</u> 0	
8 m	
202	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project #: Phone #: City: Project Manager: Steve Weathers / Brian Humprey Company Name: Project Name: Address: Project Location: Sampler Name: Kyle Norman analyses. All claims including those for service. In no event shall Cardinal be li HI602 54 Relinquished By: Relinquished By FOR LAB USE ONLY LEASE NOTE: Liability and Dam Lab I.D. Delivered By: (Circle One) CN. F N 553203' B53606' B53606' DCP Midstream / Tasman Geoscience Buffalo Valley Congressor Station (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 . Cardinat's liability and client's exclusive remedy for any claim Sample I.D. toe and any other #75 cause wh Fax #: Project Owner: Date: 11-18-14 State: Date: Time: Timey :46 88240 shall be deemed ZID G)RAB OR (C)OMP Received By: Received By: 2111 Beechwood, Abilene, TX 79603 # CONTAINERS valved GROUNDWATER unless made in writing and received by Cardinal within 30 days after completion of the applicable in, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Sample Condition Cool Intact Pres Pres WASTEWATER MATRIX SOIL OIL SLUDGE tract or tort, shall be limited to the i P.O. #: City: Attn: State: Address: Company: OTHER Phone #: Fax #: ACID/BASE PRESERV. 1000 pon any of the abo CICE/COOL CHECKED BY: < BILL TO OTHER Zip: II-MI DATE SAMPLING amour paid by the client for the 1:15 Phone Result: Fax Result: REMARKS: 2:30 1:00 email results: swweathers@dcpmidstream TIME Chlorides TPH 8015 M 5 Yes bhumphrey@tasman-geo.com BTEX < 5 No No Texas TPH ANALYSIS REQUEST Add'l Phone #: Add'l Fax #: Complete Cations/Anions TDS

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

04.1

Sampler - UPS - Bus - Other:



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 accreditated 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,

Lope S. Moreno

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



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	91.7	% 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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Loratories.

Lope S. Moreno

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



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	77.4	% 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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal control.

Lope S. Moreno

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



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	87.3	% 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 samplesidentified above. This report shall not be reproduced except in full with written approval of Cardinal torotories.

Lope S. Moreno



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Loratories.

Lope S. Moreno



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	98.4	% 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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal control.

Lope S. Moreno



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	82.9	% 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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal control.

Lope S. Moreno



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

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 claims 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.

Hope S. Moreno-

	~	
R	\mathbf{O}	
2		
-	0	
2	+	
-		

of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Project Manager: Steve Weathers / Brian Humprey Company Name: DCP Midstream / Tasman Geoscience City: Phone #: Address: H602611 Sampler Name: Kyle Norman Project Location: Buflate Unley Compressor Station Project Name: Project #: FOR LAB USE ONLY **Relinquished By:** analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incidents Lab I.D. **Relinquished By:** LEASE NOTE: Liability and Dan Sampler - UPS - Bus - Other: #75 Delivered By: (Circle One) † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 5 MM 3 D SS 3703' 22 BS 39 @ 4 BS 38 @ 4 505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 538@3 BS 370 39 @ 3 Sample I.D. 2 other. client's exclusive remedy for any claim arising whether based in cor Fax #: Project Owner: cause whi State: Time: Date: Date: Time: 0 -0.30 Zip GRAB OR (C)OMP 4 Received By: Received By # CONTAINERS GROUNDWATER WASTEWATER Cool Intact Pres Pres MATRIX < SOIL OIL writing and received by Cardinal within 30 days after completion of the applicable enumbers have been of use, or loss of profits incurred by client, its subaldiaries. SLUDGE P.O. #: City: Attn: Company: State: Phone #: Address: Fax #: OTHER loss of use, or PRESERV ACID/BASE ICE / COOL < BILL TO CHECKED BY be limited to the amount loss of profits OTHER of the above state Zip: 11-21-16 DATE SAMPLING paid by the client for the 6:39 6:59 Phone Result: Fax Result: REMARKS: 6:45 6:55 6:50 6:35 TIME email results: swweathers@dcpmidstream Chlorides TPH 8015 M □ Yes 5 BTEX bhumphrey@tasman-geo.com 12 No Texas TPH ANALYSIS REQUEST Complete Cations/Anions Add'l Phone #: Add'l Fax #: TDS



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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg	/kg	Analyze	d 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 BTEX	7.58	0.300	12/01/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	154	% 73.6-14	0						
TPH 8015M	mg	/kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	65.9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	91.2	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0							
TPH 8015M	mg/	′kg	Analyze	d 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	7							
Surrogate: 1-Chlorooctadecane	180 9	% 28-171	1							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
enzene* 1.41 0.050		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	4.02 0.050		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	% 73.6-14	0						
TPH 8015M	mg/	/kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	133	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	106 9	28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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 SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By: Date: Time:	Time:	9 Damages, Cardinal's liability and clea 9 Tones for negligence and any other or 9 South of or related to the performance of 9 out of or related to the performance of	1 2 C1 CL 90	0 2450	0	55 40	BS 40 6	CS 19	Lab I.D. Sample I.D.	FOR LAB USE ONLY	" Durttalo Valley	Project Name:	Project #: Project	Phone #: Fax #:	City: State:	Address:	Project Manager: Steve Weathers / Brian Humprey	Company Name: DCP Midstream / Tasman Geoscience	101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476	7
4.3° Sample Condition Cool Intact Yes Yes No No	SP Received By:	INC Received By	medy for any claim arising whether based in contract or tort is thall be deemed valved unless made in writing and theosy is including without fination, buniess interruptions, bas of under by Cardinal, regardless of whether surf claim is base		G I /	5	61 /	G 1 1	C 1 1	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX	Compressar Station		Project Owner:		Zip:		Imprey		40	◆ 入つ
No CHECKED BY: Cet (Initials) No Cell # 15	LAU	0	tract or tort, shall be limited to the amount; path and received by Continal within 30 days also rose, base of use, or less of profits incurred by or aim is based upon any of the shore allocd re aim is based upon any of the shore allocd re		1		/	1	1	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020	X I V I X
1	esults: :	Phone Result: Yes Fax Result: Yes REMARKS:	paid by the client for the applicable of an completion of the applicable y client its subsidiales, reasons or cherwhee, reasons or cherwhee,	2;55 /	2:40 ~	2:30 ~	2:00 1	1:45 4	1:00	TIME	h	orio	-					_		CHAIN-OF-CUS	
	wweathers@ ohumphrey@	12 No		7	1	<	1	1	1	Te	exa	TE. Is	ΓP	-	Ani	on	s	_	ANA		
	swweathers@dcpmidstream bhumphrey@tasman-geo.com	Add'l Phone #: Add'l Fax #:									Т	DS	3						ANALYSIS REQUEST	TODY AND ANALYSIS REQUEST	



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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	61.0	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	59.6	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	63.9	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 \$	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	74.6	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	70.5	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	65.0	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	73.9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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 SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

SNS HS H

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	Was Indestreated	Man IDEA	DILL IC			
Project Manager:	Steve Weathers /	ed	P.O. #:		ANALTSIS REQUEST	
Address:			Company:			
City:	State:	Zip: A	Attn:			
Phone #:	Fax #:	A	Address:			
Project #:	Project Owner:		City:			
Project Name:		S	State: Zip:			
Project Location:	Buttolo Valley	atterescal Station P	ŧ			
Sampler Name:			Fax #:	-		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	LING		
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP CONTAINERS BROUNDWATER VASTEWATER VOIL DIL LUDGE DTHER :	CID/BASE: CE / COOL THER :			
1	55 44 8 4'		A	9:00		
10	12 0 2 4 SC	6 1	/	_		
=(15 74 E 4.			9:20 11		
S .	CS 35		/	1.20 V/		
6	CS 36	C 1 /	1	16:15 /		
2-	1554	<u>c</u> / /	1	10:20 11		
Dd	(5 20			16:40 /1		
4	LS S9	C)	<	11:00 4		
analyses. All claims including service. In no event shall Car atfiliales or successors ansing	Uarnages. Cardina's lability and client's exclusive those for negligence and any other cause whatsoe lineal be lable for incidential or consequential damag out of or ralated to the performance of services he	ternedy for any claim arking whether based in contract or fort, shall be limited to the amount paid by the client for the ver shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the a jet, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, "studiet by Cardinal regardless of whether such claim is based unon any of the above struct waven	or fort, shall be limited to the amount pa 5 received by Cardinal within 30 days after 1 loss of use, or loss of profils incurred by 10 based upon any of the above strend or 10 based upon any of	ia by the client for the er completion of the applicable client, its subsidiaries,		E
Relingvished By:	Timpe: 05	6 Received By: Beceived By:	lenson	Phone Result: Yes Fax Result: Yes REMARKS: SS WEATHOR	SS weathers @ dcp mid Stroam com	
	Time:			bhumphre	bhumphrey @ tasman - ass. com	
Sampler LIBC But Otto	(Circle One)	-	CHECKED BY:		10 mm Junior	
	CIA GI HEADO - SAG - SAC - FAILING	No No No	(FR			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 3932326

Page 12 of 12



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	75.7	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

Pust!!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

157	(575) 393-2326 FAX (575) 393-2476	176				
Company Name:	TAD MIDSTOERM		BILL TO		ANALTSIS NEWSEST	-
	1	BRIAN HUMPHEET	P.O. 井			
			Company:			
City:	State:	Zip:	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:		City:			
	RUCCAIN VALLEY		State: Zip:			
Project Name:	In the state NM		Phone #:			
Project Location: HACERMAN			Fax #:			
Sampler Name:	LDOBRINSKI		REEDV	2		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	BTEX		
HUDZT'S L		# G S S O		10:00 V V		
_	ss yr e y'		14410 10.00			
PLEASE NOTE: Liability and	PLEASE NOTE: Liability and Damages. Cardinal's liability and dent's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the policiable please whether cause whatever shall be deemed waived unless made in writing and received by Cardinal whitin 30 days after completion of the applicable	edy for any claim arising whether based in contrac shall be deemed waived unless made in writing ar	ct or fort, shall be limited to the amount paid nd received by Cardinal within 30 days after	d by the client for the r completion of the applicable time is subsidiaties.		
service. In no event shall Cal	analyses. At claims inclusing where we may a second structure and the second structure of seco	including without limitation, business interruptions doe the Cardinal recardless of whether such claim	n is based upon any of the above stated rea		No Add'I Phone #:	
Relinquished By:	red By: Date: 1/2	te; 1/7/16 Received By:	Wain Non	I: U Yes	No Add'l Fax #:	
Relinquished By	Time:	Received By:	and and a contraction of the second s			
Delivered By:	Sampler - UPS - Bus - Other: #75	5.20 Sample Condition Cool Intact	es (hittals)			

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

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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	24.2	0.300	11/15/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	182 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midstrea	am - Midland
STEVE WEAT	THERS
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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg,	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	95.9	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midstrea	am - Midland
STEVE WEAT	THERS
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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	100 9	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midstrea	am - Midland
STEVE WEAT	THERS
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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	93.9	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midstrea	am - Midland
STEVE WEAT	THERS
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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	99.1	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midstrea	am - Midland
STEVE WEAT	THERS
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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	99.1	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DCP Midst	tream - Midland
STEVE WE	EATHERS
10 Desta	Dr., #400-W
Midland T	X, 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 9	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	93.6	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B	mg	′kg	Analyze	d 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 BTEX	18.4	3.00	11/15/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	96.5	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg,	′kg	Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	102	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	84.9	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	82.3	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B	mg/	′kg	Analyze	d 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 BTEX	38.0	3.00	11/15/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	89.0	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

			RC	Rust		1 0.	of 2	Ρ									
T					Ω	CHAIN-OF-CUST	F	SUS		YA	ND	ANA	LYS	IS F	ODY AND ANALYSIS REQUEST	JEST	
ARD	101 East Marland, Hobbs, NM 88240	ATORIES		d, Abilene, TX	79603												
Company Name:	DCD Widetream / Tasman Geoscience	(and Geoscience	BILL	BI	BILL TO					Þ	ANALYSIS		REQUEST	JEST	1	1	1
	Steve Weathers / Brian Humphrey	an Humphrey		P.O. #:					_	_		_	-	_	-	_	
				Company:						_	ns	_			_	_	
City:		State: NM 2	Zip:	Attn:				_		_	nio	_	_	_	_		
Phone #:		Fax #:		Address:				1	_	-	A	-	_	-	-		
Project #:		Project Owner:		City:			-	N	_		ns/	_	_	-			_
Project Name:				State:	Zip:		de		-	TF	-	S	_	-	-		
Project Location:	Project Location: Buffalo Valley Compressor Station	pressor Stati	on	Phone #:			-	-	TE	-	-	٢D	_	-	_		
Sampler Name: Kyle Norman	/le Norman			Fax #:			-	-	-	-			_	-	-	-	
FOR LAB USE ONLY			P. MATRIX	PRESERV.	SAMPLING			TP	1	-	lete	-	_	-	-		
Lab I.D.	Sample I.D.	2	G)RAB OR (C)O CONTAINERS BROUNDWATER VASTEWATER GOIL DIL	SLUDGE OTHER : ACID/BASE: CE / COOL OTHER :	DATE	TIME			-		Com						
TUCION	100			1	11-14-16	1:15		1	1				-	-	+	+	T
J -				-		1:20		7	1				-	-	+	+	+
N	202		-			1:25		5	1		-		-	+	+	-	
FC) (-			1:35		5	1		th			-	+	+	
n 1			-			:45		1	1				-	-	-	1	
	206		1			2:00		5	1				-	-	+	+	-
10	200		1			2.05		1	1				-	-	+	+	
8	202		-			2:10		1	1				-	+	-	+	
2	000			-	-	11.1		<	5				_	-	-		
PLEASE NOTE: Liability and Dam	CS 10 Damages, Cardinal's liability and client	t's exclusive remedy for a	nedy for any claim artising whether based in contract or birt shall be limited to the amount pad by the clent for the shall be deemed winked unless made in writing and received by Cardinal within 30 days after completion of the applicable	based in contract or tort, shall be limite hade in writing and received by Cardina	d to the amount paid within 30 days after	id by the client for er completion of th	The applicat	*									
analyses, no cents income service. In no event shall Carc affiliates or successors arising	service. In no event shall Cardinal be liable for incidental or conseque artiliates or successors arising out of or related to the performance of artiliates of successors arising out of or related to the performance of	rental damages, including services hereunder by C	ardinal, regardless of whether such o	taim is based upon any of	d upon any of the above stated rea	Phone Result:	sult	T Yes	5		Add'l P	hone #					
Relinquished By:		Date: 11.14-16	Received By:	Mande	2 1	Fax Result: REMARKS:	SET	□ Yes	5	No	Add'l F	Add'l Fax #:					
Relinquished By:		Date: Time:	Received By:			email results: swweathers@dcpmidstream.com bhumphrey@tasman-geo,com	resu	Its: s	swwe	phre	ers@)dcp	mids an-g	wweathers@dcpmidstream.c humphrey@tasman-geo,com	m.cor	н	
Delivered By: (Circle One)	(Circle One)	5	U UD Sample Condition	-	CHECKED BY:												
+ Cardinal c	annot accept verbal c	hanges. Please	e fax written changes	No 505-393-247									1				
+ Cardinal c	annot accept verbal c	hanges. Please	e fax written changes	to 505-393-240	9												

•

Page 15 of 16

Company Name: 05 Project Manager: S	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 me: DCP Midstream / Tasman Geoscience ger: Steve Weathers / Brian Humphrey	¥ @ 76	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020 P.O. #:				>	ANALYSIS	SIS
	teve weatners / Dilait i initiation	ley	Company:					ns	
City:	State: NM	Zip:	Attn:			_	_	nio	
Phone #:	Fax #:		Address:		١	1	_	An	_
indite #:	Project Owner:	ler.	City:	s	-		'n	ns/	
Project #:			State: Zip:	des	15	х	TP	-	S
Project Name.			•	rio	-	E	S	_	DS
roject Location: B	Project Location: Buffalo Valley Compressor Station	tation	Phone #:	lor		зті	as		TE
Sampler Name: Kyle Norman	e Norman		Fax #:			E	ex	-	
Lab I.D.	Sample I.D.	S)RAB OR (C)OMP. CONTAINERS ROUNDWATER VASTEWATER COIL	SLUDGE DTHER : ACID/BASE: CE / COOL DTHER :	TIME			٦	Comple	
10/10/11	SIL				10	24			
PLEASE NOTE: Lability and Damages. Cardinal's lab sanakyea. All claims including those for negligence any service. In no event shall Cardinal be lable for inciden attituates or successors arising out of or related to the p	bility and clients of any other cause tal or consequent reformance of se	all be deemed walved unless made in w studing without limitation, business intern by Cardinal, regardless of whether su	sculatore intrody to any completion of the strategy and received by Cardinal within 30 days after completion of the at whatavener shall be deemed watered unless made in writing and received by Cardinal within 30 days after completion of the at al damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subaiditatives al damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subaiditatives whose hereunder by Cardinal, regardless of whather such clients is based upon any of the above stated reasons or otherwise.	after completion of the applicable by client, its subaidiaries, d reasons or otherwise.	sicable		No	Add'l P	hone
hed By:	Ting: 11 Date:	Received By:	Henson	email results: swweathers@dcpmidstream.com bhumphrey@tasman-geo,com	sults: s	Yes D bhun	nphr nphr	swweathers@dcpmidstream.c bhumphrey@tasman-geo,com	dcp tasn
Delivered By: (Circle One)	#12	H H Cool Intact Cool Intact U Yes	Sample Condition CHECKED BY Cool Intact Pres Yes (Infiais)						



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	94.9	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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

Celez D. Keine

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

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 sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	HIGD 2581 1 C S 13 2 C S 14 2 C S 14 FLEASE NOTE: Liability and Damages. Cardinate liability and di PLEASE NOTE: Liability and Damages. Cardinate liability and di	Project Name: Project Location: Buffa.lo Sampler Name: Kyle A FOR LAB USE OWLY FOR LAB USE OWLY FOR LAB USE OWLY Sampler Name:	Project #:	City: Phone #:		Project Manager: C	101 E (575)	I Lat
Ilivered By: (Circle One) mpler - UPS - Bus - Other: #75 5.42 Sample Condition CHECKE Cool Intact. Child Pres Pres Pres No No No	Date://-/7-/6 Tinger, 700 Date: Time:	ent's orclusive	Valley Compressor	Project Owner:	State: Zip:	STELL WEARDS I DIAN 1	Nidstream	23 8	Laboratories
Sample Condition CHECKED BY: Cool Intact (Initiats)	Received By: Received By: Received By: Received By: Reference By: SS	SOIL OIL OIL OIL SLUDGE OIL OIL OIL SLUDGE	NATER MATRIX PRESERV	Address: City:	Attn:	Mumphrey r.u. #: Company:			S & RUSH
bhumphey Otasman-geo. com	Phone Result: <u>Yes No</u> Add' Phone #: Fax Result: <u>Yes No</u> Add' Fax #: REMARKS: SS Weathers @ dcpmidsteam	E TIME (Q)	DIA DIA ETEX				O ANALYSIS REQUEST	STIMIT-OF-COSTOUT AND ANALTSIS REQUEST	
on	stream .com						QUEST	TSIS REQUEST	

Page 5 of 5



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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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 9	35-147	,						
Surrogate: 1-Chlorooctadecane	104 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg	/kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	103	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	131	28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	91.0	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg	/kg	Analyze	d 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg	/kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	107	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 whose shall be instrumed by client, its subsidiaries, affiliates or successor 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. Keine

Celey D. Keene, Lab Director/Quality Manager

mprey	P.O. #	BILL TO			ns ANA	ns ns
Phone #: Fax #:	Address:			_	nic	
Project #: Project Owner:	City:				-	
Project Name:		Zip:		-	-	
Project Location: Bulfalo Valley Congressor Stadion			orid 801	re)		DS
Sampler Name: Kyle Norman	Fax #:		-	-	-	
	R MATRIX	V. SAMPLING	Ch	E Tex	plete	
Lab I.D. Sample I.D. (G)RAB OR (# CONTAINE GROUNDWA WASTEWATE SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	m		Com	
1 2001 G		11-18-16 10:00	10	~		
ES		10:01	77	17		
4 05.15		10:15	~	1		
2 C2 13	-	4 1020	1	1		
		52:01	7	7		
Damages, Cardhal's liability and clien those for regligence and any other ca- sinal be liable for incidental or consequ- out of or related to the performance of	arising whether based in contract or tort, shall be limited to the amount waved unless made in writing and received by Cardinal within 30 days a Initiation, business interruptions, loss of use, or lose of profits incruice regardless of whether such failm is busined upon any of the above stated sgardless of whether such failm is and upon any of the above stated	d to the amount paid by the client for the within 30 days after completion of the a profite incurred by client, its subsidiaries the above stated chasaons or otherwise.	nt for the of the applicable sidiariles, envise	F		
Relinquished By: Time: 1/2/1/1/ Re	Repeived By: MOUL JUNAA		Phone Result: Fax Result: Yes REMARKS:	S E No	Add'l	Add'l Phone #: Add'l Fax #:
	Received By:	(email results: swweathers@dcpmidstream bhumphrey@tasman-geo.cc	swweathers@dcpmidstream bhumphrey@tasman-geo.com	hers@ hrey@	gdcpi
Delivered By: (Circle One) Sampler - UPS - Bus - Other: #75 4.40	Sample Condition CHEC Cool Intact Internation (In	KED BY: tias)			3	

Page 9 of 9



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 accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	105	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg,	′kg	Analyze	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	7						
Surrogate: 1-Chlorooctadecane	101	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	92.2	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
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	7						
Surrogate: 1-Chlorooctadecane	96.4	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	99.7	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	99.6	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	% 73.6-14	0						
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		7						
Surrogate: 1-Chlorooctadecane	87.5	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	% 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	% 73.6-14	0						
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		7						
Surrogate: 1-Chlorooctadecane	91.4	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	% 73.6-14	0						
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		7						
Surrogate: 1-Chlorooctadecane	93.5	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	91.9	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	92.6	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	108	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	103 9	28-171							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 \$	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	97.1	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Loratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 16 of 18

Laboratories

KU S CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 1022

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

Company Name: DCP Mid ctream	m Treemer Geo	BILL TO	ANALYSIS REDUEST	
Project Manager: Stewe Weathers	1 Brian Ha	P.O. #:		
Address:		Company:		
City:	State: Zip:	Attn:		_
Phone #: F	Fax #:	Address:		_
Project #: P	Project Owner:	City:		_
Project Name:		State: Zip:		
Project Location: Buffalo Valley Compressor Station	mpressor Station	#		
Sampler Name: Kute Norman		Fax #:		
,	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	B OR (C)OMP TAINERS NDWATER EWATER	R : BASE: BOOL	PH	
H602698	# CON GROU		TIME 07	
1 05 20	- /	1 12-1-16 9	9:00	
2 (521			215 11	
4 CO 24		2-0	2/1	
5 CS 24		0	G:50 / /	
6 cs 25			10:05 / / 20:01	
7 65 26		//	10:15 / /	
2 22 23		10	1025//2201	
10 CS 29	~	4 4 10	10:45 / / 24:01	
PLEASE MOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or torit, 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 detended valued unless made in writing and treewed by Cardinal whith 30 days after completion of the applicable service. In no event shall Cardinal is lable for incidental or conceptional advisories, including whether whether event shall cardinal to the incidental or conception that events and cardinal whith 30 days after completion of the applicable service. In no event shall Cardinal is lable for incidental or conception and the determined whether event shall be of use, or based to to the failed to the services in the optimation of the applicable affiliate or successors affing out of or related to be performance of services hereincides for Cardinal instantions. There is have been avend the hourse state down and the hourse or the hourse of the down avend the hourse of the down avend the hourse of the down avend the hourse or the hourse of the down avend the hourse or the hourse of the down avend the hourse or the hourse or the hourse of the down avend the hourse or the hourse or the hourse of the down avend the hourse of the hourse or the hourse of the hourse of the hourse of the hourse or the hourse of the hourse or thourse or the hourse or the hourse or thourse or the hourse or	By and client's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the client for the any other cause whethere shall be detend waived unless made in writing and received by Cardinal within 30 days after completion of the at 10 or consequential damages, including without limiton, business interruption, bedrout by clarifs, incurred by client, its subsidiary formance of services hearingter by Cardinal meanings of whether such claim is based income sew of the device to receive any services the services the services the services the service in the mean services the services the services the service in the service of services the services the service of services the services the service in the service in the service of services the services the service in the service in the services the service of services the services the services the services the services the service in the service in the service of the services the services the service of the service of the services the service of the service of the service of the services the service of the service of the service of the service of the services the services the service of th	t or tort, shall be limited to the amount paid by d received by Cardinal within 30 days after con loss of use, or loss of profits incurted by client is based upon over of the short a standard received is based upon over of the short a standard received.	the clent for the applicable molection of the applicable to subaddaree,	
Relinquished By:	Date: /2-/-/6 Received By:		Phone Result: Ves No Add'I Phone #: Fax Result: Yes No Add'I Fax #:	
Relinguished By:	Time: Received By:	Tenson "	athers (
Delivered By: (Circle One) # 76		ion CHEOKED BY:		
Sampler - UPS - Bus - Other:	Dille Pres Pres	C AT		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2826

Laboratories

2622

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DCP Midstream	mflasman Geo	BILL TO	ANALYSIS REQUEST	
Project Manager: Stewe Worthus /	Brien Hun	P.O. #:		-
Address:	/	Company:		
City:	State: Zip:	Attn:		_
Phone #: F	Fax #:	Address:		
Project #: P	Project Owner:	City:		
Project Name:		State: Zip:		
Project Location: But fale Valley Con	Compressor Station	*		
		Fax #:		
FOR LAB USE OWLY	S ER	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	G)RAB OR (C) CONTAINER ROUNDWAT VASTEWATER GOIL DIL GLUDGE	OTHER : CID/BASE: CE / COOL OTHER :	BET TP	
-	1	1 12-1-16 1		
12 CS 31	C 1 /	11:15	5 / /	
-		11:30		
	C - ,	(H) A		
PLEASE NOTE: Liability and Damages. Cardinal's lability and clent's exclusive remedy for any claim arising whether based in contract or lot, shall be limited to the amount paid by the client for the	viclusive remedy for any claim arising whether based in contra	ct or fort, shall be limited to the amount paid by the client for the	land for the	
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 discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or discussional reasons or	Date: /// Received By:	less of whether such claim is based upon any of the above stated reasons or or Phone	It: I Yes I No	
Relinguished By:	Time:	REMON REM	Fax Result: Uses No Add'I Fax #: REMARKS: SS Weathers OdcpmidStream, com bhumdhreu Otaron	
Delivered By: (Circle One) $\#75$ Sampler - UPS - Bus - Other:	D.70 Sample Condition Cool Intact Wres Yes No No	tion CHECKED BY: Initialist	, , , , , , , , , , , , , , , , , , ,	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2226



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	88.8	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	81.3	% 28-171	!						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	73.6	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	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	7						
Surrogate: 1-Chlorooctadecane	76.9	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 73.6-14	0						
TPH 8015M	mg/	/kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	65.2	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	78.4	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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	7						
Surrogate: 1-Chlorooctadecane	79.7	% 28-171	,						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d 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							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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

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 claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Loratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

2	
Lat	CA
bora	RD
ator	Z
IPS	AL

			£
			AIN
			Å
		100	-CU
			STC
		1	ğ
			AN
			DA
			NA
			K
			Sis
-	0		REC
	2		Ĩ
	4		ST
	F	,	

15751 303	101 East
-2326 FI	Marland,
FAX (575)	Hobbs,
393-	NM
393-2476	88240

	(575) 393-2326 FAX (575) 393-2476	2476				-
Company Name:	DCP Midsheam / T	asman Gres	BILL TO	0	ANALYSIS REI	REQUEST
Project Manager:	Steve Weathers 1	3	P.O. #:			
Address:			Company:			
City:	State:	Zip:	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:	mer:	City:			
Project Name:			State: Zip:			
Project Location:	n: Buffe la Valley (Amoressor Station	ssor Station	Phone #:			
Sampler Name:			Fax #:	X		
FOR LAB USE ONLY		MATRIX	PRESERV. SAN	SAMPLING		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	THE BET		
0	CS 01	CIV	1 12-15-16			
g.	CS 02	C 1 /	/	10:05 / 1		
Ş	CS 03	C + /	/	10:10 / 1		
04	C5 04	C 1 /	V	10:15 / 1		
8	CS 05	5 1	/	10:20 / 1		
10	0006	C1 1	. \	10:40 / /		
9	4050	C - /		10:50 / 1		
5	8050	CIII	. \	10:55 / 1		
09	CS 09	C - 1		11:00 1		
5	0120	CIV	VV	11:05 / 1		
PLEASE NOTE: Liability analyses. All claims inclus service. In no event shall	Cardinal's lability and client's exclusiv egligence and any other cause whats ine for incidental or consequential dam	dy for any claim arising whether based in con hall be deemed waived unless made in writin including without limitation, business interruption to be Cardinal meaandess of uperitor such of	 contract or fort, shall be limited to the amount ming and received by Cardinal within 30 days a uptions, loss of use, or loss of profits incurred to be dain is based upon any of the above stated 	sunt paid by the client for the ays after completion of the applicable red by client, its subsidiaries, lated reasons of otherwise.		
Relinquished By:	out of or related to the performance of services Date:	2.15-16 Received By:		Phone Result: Fax Result:	Yes No Add" Phone #: Yes No Add" Fax #:	
11 11	Time: ul.	(MONC	REMARKS:	1	

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

20

Sample Condition Cool Intact Yes Yes No No No

cole # CHECKED BY: Initials

C

Sampler - UPS - Bus - Other: Delivered By: (Circle One) Relinguished By:

Time: 46 p. UKu Date: P. Received By

2

SS Weathers @dcpmidstroam.com bhumphrey @tasman gco.com

Time:

Labora	2	2
DD		CA
ni U		J
t	atc	3
UAL	TIP	Þ

c)
I
Þ
z
6
$\underline{\square}$
77
١Ò.
12
2
2
O
~
CHAIN-OF-CUSTODY AND ANALYSIS I
P
Z
2
P
Z
Þ
i-
1-
in
S
2
REQUEST
Ø
C
Im
1co
121

(5/b	cer le	5	BILL TO	AN	ANALYSIS REQUEST
Project Manager: S	1. lostean	Robert Handland			
	1		Company:		
City:	State:	Zip:	Attn:		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:		City:		
Project Name:			State: Zip:	-	
on:	Baffalo Vallay Comp	ampressor Station	Phone #:	T	
	Norman		Fax #:	E	
FOR LABUSE ONLY	The courses	MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE		TIME BE, TP,	
5	C11	1 1	1 12-15-16	11:15 0 0	
12 (512	(1 /		11:20 / /	
0	513	C 1 1		11:30 V V	
R C	1.1	C	/	12:05 / /	
00	516	C	J v	12:15 / /	
PLEASE NOTE: Liability and Da analyses, All claims including tho service. In no event shall Cardinu	PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved 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, basiness interruptions, loss of use, or loss of ports, incurred by client, tax abused are service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, basiness interruptions, loss of use, or loss of ports, incurred by client, tax as the damages or otherwise.	Cardina's lability and clenits exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the clenit for the regigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal which 30 days after concletion of the ap- regigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after concletion of the ap- bit for incidental or consequential damages, including without limitation, business interruptions, loss of tuse, or loss of ports, incide to the used bits for incidental or consequential damages, including without limitation, business interruptions, loss of tuse, or loss of the two and another the other two and the consequential damages.	ct or tort, shall be limited to the amount paid by the cilent for the nd received by Cardinal within 30 days after completion of the a loss of tase, or loss of profils incurred up after the subord after loss of tase, or loss of the offer incurred to an or offer the loss of tase.		
Relinquished By:	t of or valued to the performance of services hereunder by Date:	P Received By:	len	S S SS	No Addi Phone #: O dep in id stream.com
Delivered By: (Circle One)	Time:	Sample Condition	Q	Dhumphery	e turnen Eges i cori
Sampler - UPS - I		90 Pres Pres	es cutty	~	IN CAR

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

Appendix C

arch me Search :ientific Name 🔻 🔽 Go		PLANTS PLANTS			
			_Hor	ne About PLANTS Team	Partners What's New NPDT Help Contact Us
	You are here:	Home / Introduced, Invasive and Noxious Plants / Introduced, Invasive, and Noxious Plants Resu	ts		Printer-Friendly / Down bad
iantific Name 🛛 🔽		duced, Invasive, and Noxious Plants			
State Search Advanced Search		: Species Policy es Executive Order 13112			
Search Help	New Mex 35 records	kico State-listed Noxious Weeds returned			
ANTS Topics	Click on an	accepted name below to view its PLANTS Profile with more information, and	web links if available. Noxious weeds the	at are synonyms retain their nox	ious status, and are indented beneath the current
Alternative Crops Characteristics		repted name. e Director/Secretary. 1998. New Mexico noxious weed list (20 October 2003).	New Maxico Department of Agriculture		
Classification	Symbol	Scientific Name	Noxious Common Name	State Noxious Status†	Native Status*
Cover Crops	ACRE3	Acroptilon repens (L.) DC.	Russian knapweed	CBW	L48 (I), CAN (I)
Culturally Significant	AECY ALMA12	Aegilops cylindrica Host	jointed goatgrass	CCW	L48 (I)
Distribution Update Documentation	ALMA12 ALPS3	Alhagi maurorum Medik. Alhagi pseudalhagi (M. Bieb.) Desv. ex B. Keller & Schaparenko	camelthorn	CAW	L48 (I)
Fact Sheets & Plant Guides	ASFI2	Asphodelus fistulosus L.	onionweed	CAW	L48 (I)
Introduced, Invasive, and Noxious Plants	CADR	Cardaria draba (L.) Desv.	hoary cress	CAW	L48 (I), CAN (I)
Noxicus Plants Threatened & Endangered	CANU4 CECA2	Carduus nutans L. Centaurea calcitrapa L.	musk thistle purple starthistle	CBW CAW	L48 (I), CAN (I) L48 (I), CAN (I)
Wetland Indicator Status	CEDI3	Centaurea diffusa Lam.	diffuse knapweed	CAW	L48 (I), CAN (I)
age Gallery	CEME2	Centaurea melitensis L.	Malta starthistle	CBW	L48 (I), HI (I), CAN (I)
50,000+ Plant Images	CESO3 CESTM	Centaurea solstitialis L.	yellow starthistle	CAW	L48 (I), CAN (I)
ownload	CESTM CEMA4	Centaurea stoebe L. ssp. micranthos (Gugler) Hayek Centaurea maculosa auct, non Lam	spotted knapweed	CAW	L48 (I), HI (I), CAN (I)
Complete PLANTS Checklist	CIAR4	Cirsium arvense (L.) Scop.	Canada thistle	CAW	L48 (I), AK (I), CAN (I), GL (I), SPM (I)
State PLANTS Checklist	CIVU	Cirsium vulgare (Savi) Ten.	bull thistle	CBW	L48 (I), AK (I), HI (I), CAN (I), SPM (I)
Advanced Search Download Symbols for Linknown	COMA2 COAR4	Conium maculatum L. Convolvulus arvensis L.	poison hemlock field bindweed	CBW CCW	L48 (I), CAN (I) L48 (I), HI (I), CAN (I)
Symbols for Unknown Plants	DIFU2	Convolvulus arvensis L. Diosacus fullonum L.	teasel	CBW	L48 (I), HI (I), CAN (I) L48 (I), CAN (I)
NRCS State GSAT Lists NRCS State Plants Lists	DRAR7	Drymaria arenarioides Humb. & Bonpl. ex Schult. [excluded]	alfombrilla	CAW	(-), (-)
elated Tools	ELAN	Elaeagnus angustifolia L.	Russian olive	CCW	L48 (I), CAN (I)
Crop Nutrient Tool	EUES HAGL	Euphorbia esula L. Halogeton glomeratus (M. Bieb.) C.A. Mey.	leafy spurge halogeton	CAW CBW	L48 (I), CAN (I) L48 (I)
Ecological Site Information	HYVE3	Hydrilla verticillata (L. f.) Royle	hvdrilla	CAW	L48 (I)
System	HYNI	Hyoscyamus niger L.	black henbane	CAW	L48 (I), CAN (I)
PLANTS Identification Keys	ISTI	Isatis tinctoria L.	dyer's woad	CAW	L48 (I), CAN (W)
Plant Materials Web Site	LELA2 LIDAD	Lepidium latifolium L. Linaria dalmatica (L.) Mill. ssp. dalmatica	perennial pepperweed	CAW	L48 (I), CAN (I) L48 (I), CAN (I)
Plant Materials Publications	LIGED	Linaria genistifolia (L.) Mil. ssp. dalmatca (L.) Maire & Petitm.	Dalmatian toadflax	CAW	Dio (1), CAN (1)
oobx Hant Hardiness Wap	LIVU2	Linaria vulgaris Mill.	yellow toadflax	CAW	L48 (I), AK (I), CAN (I), GL (I), SPM (I)
	LYSA2	Lythrum salicaria L	purple loosestrife	CAW CAW	L48 (I), CAN (I), SPM (I)
	MYSP2 ONAC	Myriophyllum spicatum L. Onopordum acanthium L.	Eurasian watermilfoil Scotch thistle	CAW	L48 (I), AK (I), CAN (I) L48 (I), CAN (W)
	PEHA	Peganum harmala L.	African rue	CBW	L48 (I)
	TAMAR2	Tamarix L.	saltcedar	CCW	
	ULPU	Ulmus pumila L.	Siberian elm	CCW	L48 (I), CAN (I)
	†Code	Noxious Status			
	CAW	Class A noxious weed			
		Class B noxious weed			
	CCW	Class C noxious weed			
	*Code	Native Status			
		Introduced			
	w	Waif			
		Native Status Jursdiction			
		Lower 48 States			
		Alaska Hawaii			
		Hawaii Canada			
	GL	Greenland			
	SPM	St. Pierre and Miquelon			
	Additional i	nformation about noxious plants in this state can be found at:			
	• NM-	New Mexico Cooperative Extension Service			
	 NM- NM- 	New Mexico Department of Agriculture New Mexico Harmful Plant Act			
	 NM- 	New Mexico Seed Law			
	• NM-	New Mexico State University NMDA Noxious Weed Information			
					Time Generated: 01/31/2017 09:55 AM CST