



NV

March 13, 2023

**SENT VIA ELECTRONIC MAIL**

Mr. Robert Hamlet & Ms. Jocelyn Harimon  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RE: RE-SUBMITTAL OF SITE CHARACTERIZATION UPDATE & PROPOSED ASSESSMENT WORK PLAN**

Denton Gas Plant  
Unit NWSE, Section 2, Township 15S, Range 37E  
Lea County, New Mexico  
33.044544, -103.169415  
NMOCD Incident #nRM2033752202

Dear Ms. Harimon and Mr. Hamlet:

Ranger Environmental Services, LLC (Ranger), on behalf of Davis Gas Processing (DGP), respectfully re-submits the following Ranger prepared *Site Characterization Update and Proposed Assessment Work Plan*, dated June 16, 2022 (Current Proposal), associated with the November 7, 2020 incident at the Denton Gas Plant Facility (Site) in Lea County, New Mexico (NMOCD Incident #nRM2033752202).

As detailed in the Current Proposal, the document was originally prepared to address the NMOCD denial and response to the *Site Characterization and Assessment Work Plan*, dated January 29, 2021. The Current Proposal was initially submitted to the NMOCD for review on August 8, 2022. Due to lack of NMOCD response within the 90 day timeframe outlined in NMAC 19.15.29, the plan was re-submitted to the NMOCD online portal on November 21, 2022. As of March 13, 2023, DGP representatives have yet to receive a response to the Current Proposal. However, upon review of the NMOCD online Incident Details Page, NMOCD response conditions were documented as being completed on the day of submittal, November 21, 2022. Images of the NMOCD Incident Details Page are included below:

Incident Events

Date	Detail
11/21/2022	The (11/21/2022, C-141) application [132178] was accepted by OCD. The operator was emailed with details of this event.
11/21/2022	An application [132178] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
08/08/2022	The (11/21/2022, C-141) application [132178] was assigned to this incident.

## Conditions

Summary: /jarimon (11/21/2022). • In order to approve a Remediation/Workplan the OCD requires a Signed and dated C-141 (Pages 3-5). Please submit the remediation plan with the signed/ dated pages. • The request for "a variance to the 19.15.29.12 rule and proposes that the site be addressed utilizing the on-site information collected documenting that depth-to-groundwater in the area is greater than 100 feet" cannot be approved as the depth to groundwater approved on March 16, 2022 by the NMOCD from POD Number 10685 confirms the Depth to Water at 84' which would require remediation to a minimum of the NMAC 19.15.29.12 Table 1 Depth to-Groundwater 51'-100'.

## Image Sources:

- <https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/Data/Incidents/IncidentDetails.aspx?id=nRM2033752202>
- <https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/OperatorData/ActionStatusItem.aspx?ab=131,21,152,25,80,213,90,83&cd=134,42,162,186,165,100,156,234&ef=126,143,238,152,162,201,231,43,62,247,2,161,144,178,14,100&gh=19,7,121,136,36,160,180,212,151,118,220,61,166,3,165,194>

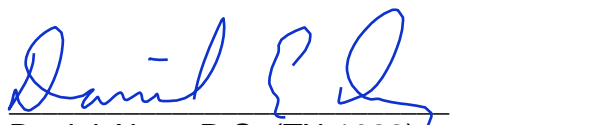
**NMOCD CONDITIONS RESPONSE**

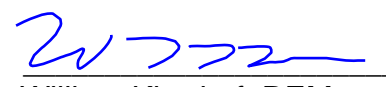
Per the NMOCD conditions comments, *"In order to approve a Remediation/Workplan the OCD required a Signed and dated C-141 (Pages 3-5). Please submit the remediation plan with the signed/ dated pages."* The subject Current Proposal is noted to have a Form C-141 Site Assessment/Characterization section (page 4 of Form C-141) signed and dated by DGP representative Mr. Richard Hatchett, on August 8, 2022. As detailed in the Current Proposal, the remediation of impacts will require significant deconstruction activities of active production equipment. Upon completion of the assessment/delineation activities detailed in the Current Proposal, the request for deferral of remediation in the area would be included in a subsequent report, at which time a signed and dated Form C-141 Remediation Section (page 5 of Form C-141) will be submitted.

The NMOCD Condition comments also included the statement of *"The request for 'a variance to the 19.15.29.12 rule and proposes that the site be addressed utilizing the on-site information collected documenting that depth-to-groundwater in the area is greater than 100 feet' cannot be approved as the depth to groundwater approved on March 16, 2022 by the NMOCD from POD Number 10685 confirms the Depth to Water at 84' which would require remediation to a minimum of the NMAC 19.15.29.12 Table 1 Depth to-Groundwater 51'-100'."* It is believed that this response has been made in error, as the initial proposed activities, detailed in the *Site Characterization and Assessment Work Plan*, dated January 29, 2021, included the utilization of the Table 1 19.15.29.12 NMAC (groundwater >100' Criteria). However, the Current Proposal proposes to address the site utilizing the Table 1 19.15.29.12 NMAC (groundwater 51'-100' Criteria).

Based on the information presented above, all condition notes as available from the NMOCD online portal are in order. Davis Gas Processing respectfully re-submits the *Site Characterization Update and Proposed Assessment Work Plan*, dated June 16, 2022, for NMOCD review and consideration.

Sincerely,  
**RANGER ENVIRONMENTAL SERVICES, LLC**

  
Daniel Airey, P.G. (TX-1022)  
Senior Project Manager

  
William Kierdorf, REM  
Project Manager



**SITE CHARACTERIZATION UPDATE & PROPOSED  
ASSESSMENT WORK PLAN**

**DENTON GAS PLANT  
UNIT NWSE, SECTION 2, TOWNSHIP 15S, RANGE 37E  
LEA COUNTY, NEW MEXICO  
33.044544, -103.169415  
NMOCD INCIDENT #NRM2033752202**

**PREPARED FOR:**

**DAVIS GAS PROCESSING, INC.  
211 NORTH COLORADO  
MIDLAND, TEXAS 88210**

**PREPARED BY:**

**RANGER ENVIRONMENTAL SERVICES, INC.  
P.O. BOX 201179  
AUSTIN, TEXAS 78720**

**JUNE 16, 2022  
RANGER REFERENCE #6116**

A handwritten signature in blue ink, appearing to read "Daniel Airey", written over a horizontal line.

**Daniel Airey, P.G. (TX-1022)  
Senior Project Manager**

A handwritten signature in blue ink, appearing to read "William Kierdorf", written over a horizontal line.

**William Kierdorf, REM  
Project Manager**

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**SITE CHARACTERIZATION UPDATE AND PROPOSED ASSESSMENT WORK  
PLAN  
DENTON GAS PLANT  
UNIT NWSE, SECTION 2, TOWNSHIP 15S, RANGE 37E  
LEA COUNTY, NEW MEXICO  
33.044544, -103.169415  
NMOCD INCIDENT #NRM2033752202**

## **1.0 SITE LOCATION AND BACKGROUND**

The Denton Gas Plan (Site) is an active natural gas processing plant/facility owned and operated by Davis Gas Processing (DGP). The Site is located on private land, approximately 13 miles northeast of Lovington within Lea County, New Mexico. The facility is situated in Unit NWSE, Section 2, Township 15S Range 37E, at GPS coordinates 33.044544, -103.169415.

On November 7, 2020, an accidental tank overflow incident occurred at the subject site. During site operations, a valve was inadvertently left open, resulting the overflowing of the tank and release of approximately nine barrels (bbls) of a condensate and produced water mixture. The released fluids were contained within the earthen secondary containment berm surrounding the subject tank. Upon discovery, immediate action was taken to stop the release of fluids from the tank. Emergency vacuum trucks were dispatched to the Site and were successful in the recovery of approximately eight barrels of released fluids.

The incident was reported to the New Mexico Oil Conservation Division (NMOCD). An Initial C-141 Form was approved by the NMOCD on December 2, 2020, and an Incident Number (NRM2033752202) was issued.

DPG has retained Ranger Environmental Services, Inc. (Ranger), to assist in the assessment and remediation activities associated with the November 7, 2020 incident.

A Ranger prepared *Site Characterization and Assessment Work Plan*, was submitted to the NMOCD on February 5, 2021. The report documented the initial response to the release, completed assessment efforts, site characterization details, and proposed additional assessment activities at the Site. Due to the presence of water wells within 1,000 feet of the subject area, a variance request was also included in the submitted plan. Based on the use of the wells and depth-to-groundwater information collected from the active on-site well, the request was made to allow for the utilization of NMAC 19.15.29.12 Table 1 Depth-to-Groundwater <100 feet criteria. Additionally, due to the nature of the area impacted by the releases in the immediate vicinity of active production equipment, the plan included information of an anticipated deferral of remediation request.

On June 15, 2021, a response was received by the NMOCD stating that the proposed work plan was denied. The denial was based on the site characterization details included in the submitted *Site Characterization and Assessment Work Plan*. In the denial correspondence, the NMOCD

stated that there was no justification for the proposed depth-to-groundwater criteria, and based on specific data the area should be addressed according to the NMAC 19.15.29.12 Table 1 Depth-to-Groundwater <50' feet criteria.

To address the NMOCD denial, Ranger prepared a formal response dated June 30, 2021. Within the response, details of the gauging of the active on-site well was reviewed and additional depth-to-groundwater information was presented. The request for a variance to the wellhead protection rule was reiterated.

On March 16, 2022, an additional response was received from the NMOCD. The response included the approval of the use of depth-to-groundwater data from an identified well (L 10685) installed in 1997. However, the March 16, 2022, response did not provide commentary or response to the requested variance.

The following report has been prepared to provide an update to the current site status, update the site characterization details, proposed additional assessment activities, to request a variance to the wellhead protection rule, and to request a deferral of remediation activities at the Site.

## **2.0 PROJECT UPDATE**

### **2.1 Depth-to-groundwater**

Utilizing the approved depth-to-groundwater information of NMOSE Well ID "L 10685", depth-to-groundwater for the area is considered to fall into the 51 to 100 foot below ground surface range.

A copy of the available NMOSE data for the well is attached.

### **2.2 Site Status Update**

Since the last submitted correspondence, decommissioning activities at the subject site have been initiated as majority of the plant operations have ceased. Ultimate plans at the subject site still include operations which will require equipment situated in the immediate vicinity of the subject release/impact area.

Decommissioning activities were initiated in May 2022 and are anticipated to be completed in August 2022.

### **2.3 Variance Request**

Due to the presence of the observed water well locations within the regulatory 1,000 foot radius of the incident area, NMAC 19.15.29 states that the release must be addressed as if the depth-to-groundwater in the area was at a depth less than 50 feet. As previously reported, of the three water wells located within the 1,000 foot buffer area, two of the wells are out-of-service. Recent use of the active well within the area is noted to have been limited to plant processing water and toilette flushing. Based on the location of the active well, nature and volume of the release there is no evidence to suggest that the well has been adversely affected by the incident.

To further limit any potential contamination pathway, it is proposed that the observed out-of-service water wells will be plugged and abandoned. The active water well on-site will be kept in



operation for limited use as fire protection and non-potable use. Additional measures (signage) will be implemented to ensure that use of water originating from the in-service well will be limited to utilization for fire protection and non-potable uses.

Based on this information, DGP respectfully requests a variance to the 19.15.29.12 rule and proposes that the site be addressed utilizing the on-site information collected documenting that depth-to-groundwater in the area is greater than 100 feet.

## **2.4 Clean-up Criteria**

Based upon the previously supplied Site characterization details<sup>1</sup>, NMOCD approved depth-to-groundwater information, and variance request, it is proposed to address the site unitizing the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria. Additionally, the proposed remediation activities will be completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. The proposed closure criteria are detailed below:

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW 51'-100')	10,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100 <sup>2</sup>	---	50 <sup>2</sup>	10 <sup>2</sup>

*All Values Presented in Parts Per Million (mg/Kg)*

1. Full site characterization details are included in the June 30, 2021 Ranger "Site Characterization and Assessment Work Plan."
2. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document "Procedures for the Implementation of the Spill Rule" (19.15.29 NMAC) dated September 6, 2019.

## **3.0 PROPOSED ASSESSMENT WORK PLAN**

Upon completion of the decommissioning activities at the site it is proposed to conduct additional assessment activities to properly delineate the impact associated with the release.

The initial assessment activities completed by DGP representatives documented multiple samples in exceedance of the TPH (GRO+DRO) proposed cleanup criteria of 1,000 ppm. To fully

delineate the impacts to within the NMAC 19.15.29 Table 1 Criteria, additional site assessment activities are necessary.

In order to delineate the elevated TPH concentrations in the area, it is proposed to complete additional test excavations for the collection of soil sampling for laboratory analysis. To horizontally delineate the impacts, two additional test excavation will be completed for assessment sampling purposes. One test excavation will be located to the southwest of sample locations "14 DPG" and "15 DGP". The second horizontal delineation test excavation will be located to the east of sample locations "18 DGP" and "20 DGP". To complete the vertical delineation of impacts at the location an additional two excavation test holes will be completed. One test hole will be completed in the vicinity of sample location "18 DGP" and the second will be in the vicinity of sample location "14 DGP".

The test excavation installation process will be completed in one foot intervals to allow for the evaluation and potential sampling of soils for laboratory analysis. Ranger personnel will conduct field readings utilizing an organic vapor monitor (OVM) to evaluate the extent of impacts and determine appropriate locations for laboratory analysis. The horizontal delineation test excavation will be completed to a minimum depth of four feet below ground level. The vertical delineation test excavation will be completed to a depth at which field readings indicate that the soils are within the proposed delineation/cleanup criteria. Soil sampling for laboratory analysis will be determined based on conditions observed within the test excavations in order to confirm TPH (GRO+DRO) concentrations. A minimum of two soil samples will be collected for laboratory analysis from each completed test excavation location. Based on the previously documented soil conditions in the area the samples selected for laboratory analysis will be submitted for TPH analysis using EPA Method 8015.

In the event that field readings indicate that a proposed horizontal test excavation location has elevated TPH concentrations, an additional test excavation will be completed for assessment at a greater distance from the release location. Please note that due to the nature of the facility, a large number of above and below ground appurtenant equipment is present at the site. Thus the proposed sample locations are approximate and will potentially be relocated if necessary, to limit any potential damage and/or safety concerns.

A site map depicting the proposed sample locations is included in Attachment 1.

#### **4.0 DEFERRAL OF REMEDIATION REQUEST**

Upon successful delineation of the impacts associated with the November 2020 release incident, a report documenting the delineation assessment results will be prepared. The report will also include a request for a deferral of remediation. Due to the location of the incident and current plans to keep equipment in the area of impact operational, full remediation of the anticipated impacts at the site would require a significant deconstruction activities in the area. As such, deferral of remediation will be requested until the area is made available during operational construction operations, or until the equipment is no longer in use. As the equipment in the area will remain in use, remediating the impacts at the site in accordance with the NMAC 19.15.29.13 Restoration, Reclamation, and Re-Vegetation criteria will be completed upon decommissioning of the remaining equipment.



## 5.0 ASSESSMENT WORK PLAN SCHEDULE

Upon approval of the Proposed Assessment Work Plan, the proposed field activities will be scheduled as soon as practicably possible upon receipt of NMOCD approval or upon completion of all decommissioning activities at the site.

The proposed additional field assessment activities are anticipated to be completed within a month of initiation. The report documenting the completed assessment activities and request for deferral of remediation will be completed within a month or receiving the laboratory analysis results of sample collected during the additional assessment activities.

# **ATTACHMENT 1 – C-141 FORM**

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: Davis Gas Processing, Inc.	OGRID: 191566
Contact Name: Bob Stewart	Contact Telephone: 432-682-6311
Contact email: Bstewart@westtexasgas.com	Incident # (assigned by OCD):
Contact mailing address: 211 North Colorado, Midland TX, 79701	

### Location of Release Source

Latitude 33.044544 Longitude -103.169415  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name – Denton Gas Plant	Site Type – Gas Plant
Date Release Discovered – November 7, 2020	API# (if applicable)

Unit Letter	Section	Township	Range	County
NWSE	2	15S	37E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: Davis Gas Processing, Inc.)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 9 bbls total (produced water/condensate mixture)	Volume Recovered (bbls): 8 bbls total
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls): 9 bbls total (produced water/condensate mixture)	Volume Recovered (bbls): 8 bbls total
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: During site operations a valve was left open resulting in a tank overflow. All of the release fluids were contained to the tank battery secondary containment.


State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Bob Stewart</u> Title: <u>Environmental Analyst III</u> Signature: <u></u> Date: <u>11-16-20</u> email: <u>Bstewart@westtexasgas.com</u> Telephone: <u>432-682-6311</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

**Bob Stewart**

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**From:** OCDOnline@state.nm.us  
**Sent:** Wednesday, December 02, 2020 3:37 PM  
**To:** Bob Stewart  
**Subject:** New Mexico OCD Application Submission was Approved by the OCD

The Oil Conservation Division (OCD) has approved the application PO: KXNQV-201123-C-1410. The original application was submitted by Robert Stewart for DAVIS GAS PROCESSING CO.

The user added the additional comment:

"To whom it may concern, The NMOCD has accepted the UPDATED submitted C-141 and the tracking number for this event is NRM2033752202. Please retain this incident number as it is required for all future communication and submittals. NOTE: As of 12/13/2019, NMOCD has discontinued the use of the "RP" numbers. When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. Thank you. Ramona Marcus, Compliance Officer NMOCD 505-470-3044 Ramona.Marcus@state.nm.us "

If you are concerned about receiving this email or have any other questions, please feel free to contact our Santa Fe OCD office.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Incident ID	NRM2033752202
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	~84' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs (*\*No Borings Have been completed at the site\**)
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.



Form C-141

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NRM2033752202
District RP	
Facility ID	
Application ID	

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

Printed Name: Richard Hatchett

Title: Executive Vice President

Signature: 

Date: 8/8/2022

email: rhatchett@westtexasgas.com

Telephone: 432-682-6311

**OCD Only**

Received by: Jocelyn Harimon

Date: 11/21/2022

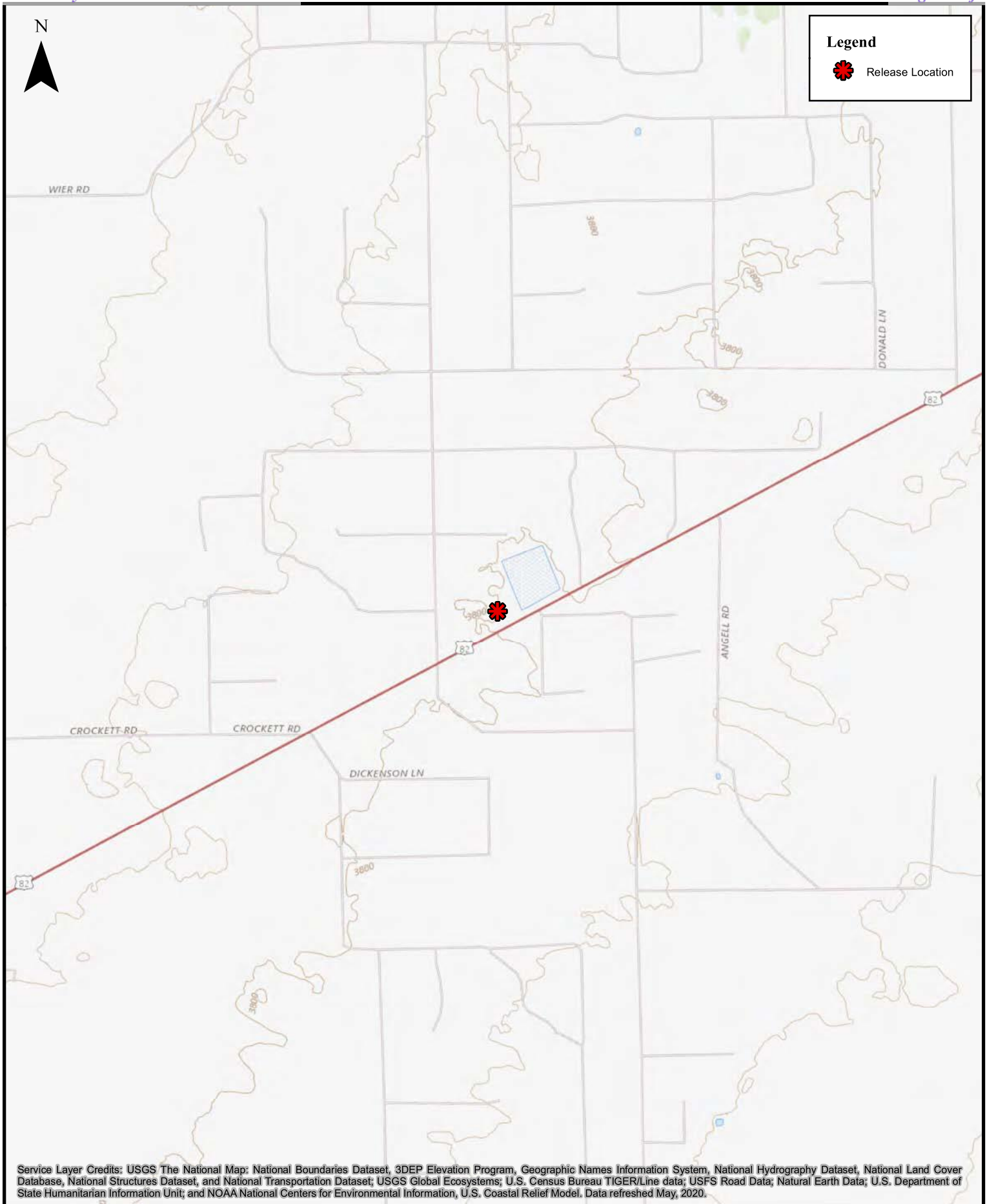
## **ATTACHMENT 2 - FIGURES**

**FIGURE 1 – Topographic Map**

**FIGURE 2 – Area Map**

**FIGURE 3 – Soil Sample Location Map**

**FIGURE 4 – Proposed Assessment Map**



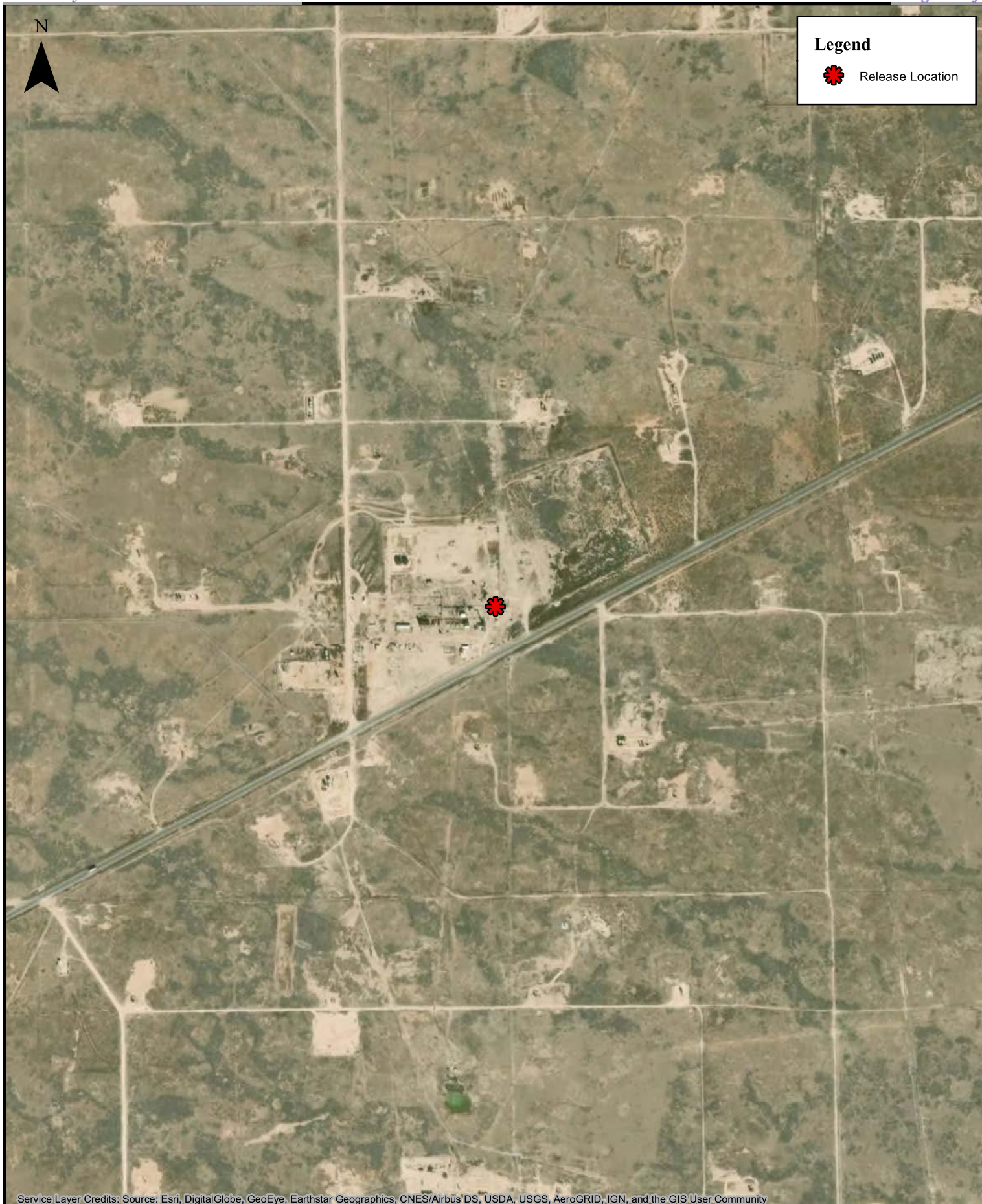
Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.



0 600 1,200 2,400 3,600 4,800 Feet

**Figure 1 - Topographic Map**  
 DENTON GAS PLAN  
 LEA COUNTY, NM





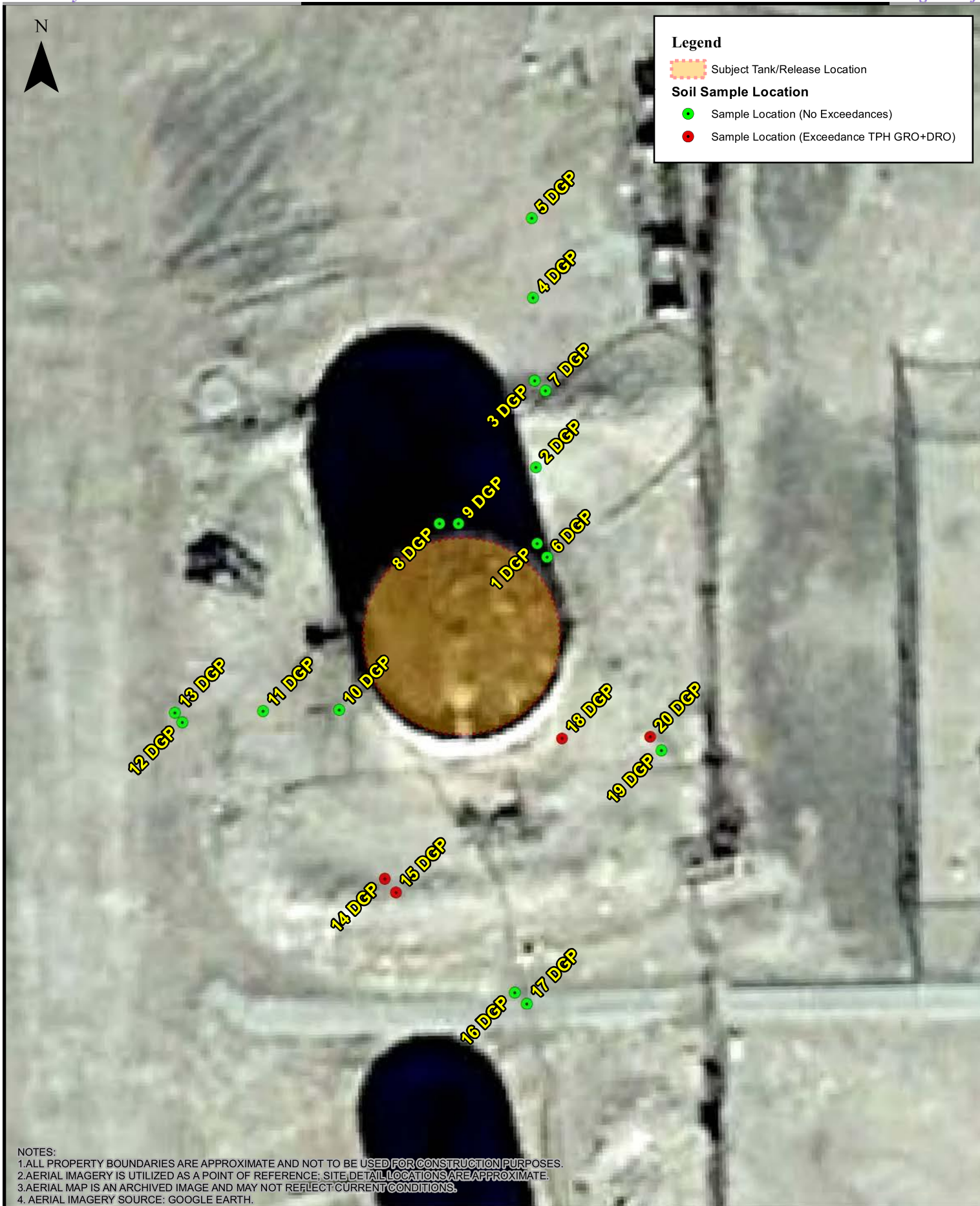
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



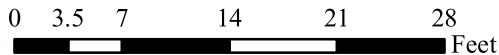
0 250 500 1,000 1,500 2,000 Feet

**Figure 2 - Area Map**  
DENTON GAS PLAN  
LEA COUNTY, NM





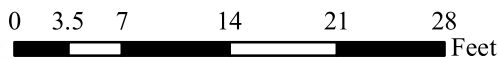
NOTES:  
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.  
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.  
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.  
 4. AERIAL IMAGERY SOURCE: GOOGLE EARTH.



**Figure 3 - Soil Sample Location Map**  
 DENTON GAS PLAN  
 LEA COUNTY, NM



NOTES:  
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.  
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.  
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.  
 4. AERIAL IMAGERY SOURCE: GOOGLE EARTH.



**Figure 4 - Proposed Assessment Map**  
 DENTON GAS PLAN  
 LEA COUNTY, NM



**ATTACHMENT 3 – NMOSE WELL ID # L 10685  
DATA**



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L	10685	2	3	02	15S	37E	670588	3657717*	

<b>Driller License:</b> 854	<b>Driller Company:</b> GARY KIDD	
<b>Driller Name:</b> KIDD, GARY (LD)		
<b>Drill Start Date:</b> 06/20/1997	<b>Drill Finish Date:</b> 06/23/1997	<b>Plug Date:</b>
<b>Log File Date:</b> 07/23/1997	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 16 GPM
<b>Casing Size:</b> 5.00	<b>Depth Well:</b> 150 feet	<b>Depth Water:</b> 84 feet

Water Bearing Stratifications:	Top	Bottom	Description
	84	150	Other/Unknown

Casing Perforations:	Top	Bottom
	110	150

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/10/22 10:29 AM

POINT OF DIVERSION SUMMARY

## **ATTACHMENT 4 – NMOCD CORRESPONDENCE**

From: [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) [mailto:[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)]

Sent: Wednesday, March 16, 2022 3:39 PM

To: Bob Stewart <[BStewart@westtexasgas.com](mailto:BStewart@westtexasgas.com)>

Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 55760

To whom it may concern (c/o Robert Stewart for DAVIS GAS PROCESSING CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM2033752202, for the following reasons:

- The Site Characterization and Assessment Work Plan dated January 29th, 2021 used a depth to groundwater assumption of (GW>100') in the soil analytical table. The report that was rejected on 6/15/2021 conducted a Water Column/Average DTW search, which showed an Average DTW in Section 2 15S 37E of 47 feet. Of the eight wells in this section, six had DTW of <50'. Most of this data was collected in the 1950s. The well (L 10685) that was installed in 1997, which had a depth to water measurement of 84' meets depth to groundwater criteria and can be used. The active well used for plant processing water and toilette flushing is not a good candidate for static fluid level measurements. If you feel the depth to groundwater is >100', a shallow borohole can be drilled to 101' allowing for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, the OCD will accept this as evidence. We would just need a copy of the driller's log.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 55760.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

575-748-1283

[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

## **ATTACHMENT 5 – SITE PHOTOGRAPHS**



**PHOTOGRAPH NO. 1 – A general view of site during the DPG completed assessment activities in November 2020.** (Approximate GPS Coordinates: 33.044495, -103.169557)



**PHOTOGRAPH NO. 2 – A view of the tank associated with the November 2020 incident during the Ranger site visit in January 2021.** (Approximate GPS Coordinates: 33.044381, -103.169345)





**PHOTOGRAPH NO. 3 – An additional view of the subject tank during the January 2021 Ranger site visit. (Approximate GPS Coordinates: 33.044613, -103.169384)**

# **ATTACHMENT 6 – ANALYTICAL SUMMARY TABLE**

**SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA  
DAVIS GAS PROCESSING, INC.  
DENTON GAS PLANT, LOVINGTON, LEA COUNTY, NEW MEXICO**

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
1 DGP	11/12/2020	3.5	<0.0398	2.81	2.27	9.4	14.5	<49.9	76.4	78.9	76.4	155	423
2 DGP	11/12/2020	3.5	<0.0199	0.198	0.527	0.634	1.36	<50.0	331	205	331	536	134
3 DGP	11/12/2020	3.5	<0.0199	0.124	0.188	0.282	0.594	<49.8	<49.8	<49.8	<49.8	<49.8	398
4 DGP	11/12/2020	3.5	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	159
5 DGP	11/12/2020	3.5	<0.00198	<0.00198	<0.00198	0.0136	0.0136	<49.9	675	84.4	675	759	77.5
6 DGP	11/12/2020	1.5	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	222
7 DGP	11/12/2020	1.5	<0.00200	<0.00200	0.00562	0.01128	0.0169	<50.0	130	<50.0	130	130	382
8 DGP	11/12/2020	3.5	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	289
9 DGP	11/12/2020	1.5	0.00202	<0.00200	0.0128	0.02053	0.03535	<50.0	71.5	<50.0	71.5	71.5	273
10 DGP	11/12/2020	3.5	<0.00200	<0.00200	0.00231	<0.002000	0.00231	<49.9	<49.9	<49.9	<49.9	<49.9	387
11 DGP	11/12/2020	3.5	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	67.7	51.7	67.7	119	311
12 DGP	11/12/2020	3.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	272
13 DGP	11/12/2020	1.5	0.0371	0.00211	0.00937	0.00835	0.05693	<50.0	334	85.7	334	420	287
14 DGP	11/12/2020	3.5	0.0079	0.00274	0.0116	0.02851	0.05075	<49.9	1,270	140	<b>1,270</b>	1,410	443
15 DGP	11/12/2020	1.5	0.018	0.0476	0.0208	0.1111	0.1975	57.7	1,870	110	<b>1,928</b>	2,040	448
16 DGP	11/12/2020	3.5	0.0221	0.136	0.245	0.07148	0.4746	<49.9	94.9	<49.9	94.9	94.9	54.4
17 DGP	11/12/2020	1.5	0.00743	0.0116	0.347	0.1348	0.5008	68.7	301	82.9	370	453	85.7
18 DGP	11/12/2020	3.5	0.0245	0.0185	2.3	0.1248	2.468	296	1,430	307	<b>1,726</b>	2,030	102
19 DGP	11/12/2020	3.5	0.203	0.154	2.91	0.3183	3.585	263	685	289	948	1,240	157
20 DGP	11/12/2020	1.5	0.0981	0.128	12.9	0.2226	13.35	172	1,650	193	<b>1,822</b>	2,020	228
<b>19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW &gt;100')</b>			<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>50</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Notes:</b>													
1. Results exceeding the Table 1 Closure Criteria presented in bold type with yellow highlighting.													

# **ATTACHMENT 7 – LABORATORY ANALYTICAL REPORT**

# Certificate of Analysis Summary 677895

Davis Gas Processing, Midland, TX

Project Name: Denton Gas Plant-Slop Water Area

Project Id:

Contact: Bob Stewart

Project Location: Lovington NM

Date Received in Lab: Fri 11.13.2020 16:40

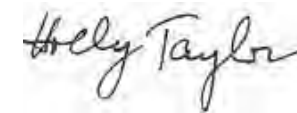
Report Date: 11.23.2020 13:25

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	677895-001	677895-002	677895-003	677895-004	677895-005	677895-006
	<i>Field Id:</i>	1 DGP	2 DGP	3 DGP	4 DGP	5 DGP	6 DGP
	<i>Depth:</i>	3.5- ft	3.5- ft	3.5- ft	3.5- ft	3.5- ft	3.5- ft
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	11.16.2020 16:00	11.16.2020 16:00	11.16.2020 16:00	11.16.2020 16:00	11.17.2020 17:15	11.17.2020 17:15
	<i>Analyzed:</i>	11.17.2020 07:18	11.17.2020 07:39	11.17.2020 07:59	11.17.2020 06:58	11.18.2020 12:11	11.18.2020 12:32
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Benzene	<0.0398 0.0398	<0.0199 0.0199	<0.0199 0.0199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Toluene	2.81 0.0398	0.198 0.0199	0.124 0.0199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202	<0.00202 0.00202
Ethylbenzene	2.27 0.0398	0.527 0.0199	0.188 0.0199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202	<0.00202 0.00202
m,p-Xylenes	6.38 0.0795	0.411 0.0398	0.169 0.0398	<0.00396 0.00396	<0.00397 0.00397	<0.00404 0.00404	<0.00404 0.00404
o-Xylene	3.02 0.0398	0.223 0.0199	0.113 0.0199	<0.00198 0.00198	0.0136 0.00198	<0.00202 0.00202	<0.00202 0.00202
Total Xylenes	9.40 0.0398	0.634 0.0199	0.282 0.0199	<0.00198 0.00198	0.01360 0.001980	<0.002020 0.002020	<0.002020 0.002020
Total BTEX	14.5 0.0398	1.36 0.0199	0.594 0.0199	<0.00198 0.00198	0.01360 0.001980	<0.002020 0.002020	<0.002020 0.002020
<b>Chloride by EPA 300</b>	<i>Extracted:</i>	11.16.2020 16:50	11.16.2020 16:20	11.16.2020 16:20	11.16.2020 16:50	11.16.2020 16:50	11.16.2020 16:50
	<i>Analyzed:</i>	11.17.2020 09:06	11.16.2020 23:12	11.17.2020 00:26	11.17.2020 08:39	11.17.2020 09:11	11.17.2020 09:27
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Chloride	423 24.9	134 5.00	398 5.00	159 X 5.00	77.5 5.04	222 49.6
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00
	<i>Analyzed:</i>	11.16.2020 10:47	11.16.2020 09:50	11.16.2020 11:06	11.16.2020 11:25	11.16.2020 11:44	11.16.2020 12:03
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Gasoline Range Hydrocarbons (GRO)	<49.9 49.9	<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9	<49.9 49.9
Diesel Range Organics (DRO)	76.4 49.9	331 50.0	<49.8 49.8	<50.0 50.0	675 49.9	<49.9 49.9	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)	78.9 49.9	205 50.0	<49.8 49.8	<50.0 50.0	84.4 49.9	<49.9 49.9	<49.9 49.9
Total TPH	155 49.9	536 50.0	<49.8 49.8	<50.0 50.0	759 49.9	<49.9 49.9	<49.9 49.9

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



# Certificate of Analysis Summary 677895

## Davis Gas Processing, Midland, TX

**Project Name: Denton Gas Plant-Slop Water Area**

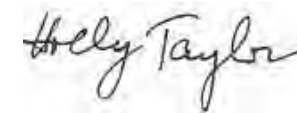
**Project Id:**  
**Contact:** Bob Stewart  
**Project Location:** Lovington NM

**Date Received in Lab:** Fri 11.13.2020 16:40  
**Report Date:** 11.23.2020 13:25  
**Project Manager:** Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	677895-007	677895-008	677895-009	677895-010	677895-011	677895-012
	<i>Field Id:</i>	7 DGP	8 DGP	9 DGP	10 DGP	11 DGP	12 DGP
	<i>Depth:</i>	3.5- ft	3.5- ft	3.5- ft	3.5- ft	3.5- ft	3.5- ft
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00	11.12.2020 15:00
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	11.17.2020 17:15	11.17.2020 17:15	11.17.2020 17:15	11.17.2020 17:15	11.18.2020 15:00	11.18.2020 15:00
	<i>Analyzed:</i>	11.18.2020 12:52	11.18.2020 13:13	11.18.2020 13:33	11.18.2020 13:53	11.19.2020 04:46	11.19.2020 05:12
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Benzene	<0.00200 0.00200	<0.00199 0.00199	0.00202 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Toluene	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	
Ethylbenzene	0.00562 0.00200	<0.00199 0.00199	0.0128 0.00200	0.00231 0.00200	<0.00199 0.00199	<0.00200 0.00200	
m,p-Xylenes	0.00643 0.00400	<0.00398 0.00398	0.0142 0.00399	<0.00400 0.00400	<0.00398 0.00398	<0.00399 0.00399	
o-Xylene	0.00485 0.00200	<0.00199 0.00199	0.00633 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	
Total Xylenes	0.01128 0.002000	<0.001990 0.001990	0.02053 0.002000	<0.002000 0.002000	<0.001990 0.001990	<0.002000 0.002000	
Total BTEX	0.01690 0.002000	<0.001990 0.001990	0.03535 0.002000	0.002310 0.002000	<0.001990 0.001990	<0.002000 0.002000	
<b>Chloride by EPA 300</b>	<i>Extracted:</i>	11.16.2020 16:50	11.16.2020 16:50	11.16.2020 16:50	11.16.2020 16:50	11.16.2020 16:50	11.16.2020 16:50
	<i>Analyzed:</i>	11.17.2020 09:32	11.17.2020 09:37	11.17.2020 09:43	11.17.2020 09:48	11.17.2020 09:53	11.17.2020 10:09
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride	382 4.95	289 5.02	273 5.00	387 5.05	311 5.05	272 4.98	
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00	11.16.2020 09:00
	<i>Analyzed:</i>	11.16.2020 12:22	11.16.2020 12:41	11.16.2020 13:00	11.16.2020 13:20	11.16.2020 13:58	11.16.2020 14:18
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Gasoline Range Hydrocarbons (GRO)	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)	130 50.0	<49.9 49.9	71.5 50.0	<49.9 49.9	67.7 49.9	<49.8 49.8	
Motor Oil Range Hydrocarbons (MRO)	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	51.7 49.9	<49.8 49.8	
Total TPH	130 50.0	<49.9 49.9	71.5 50.0	<49.9 49.9	119 49.9	<49.8 49.8	

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico





# Certificate of Analysis Summary 677895

## Davis Gas Processing, Midland, TX

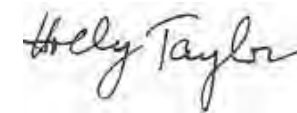
**Project Name: Denton Gas Plant-Slop Water Area**

**Project Id:**  
**Contact:** Bob Stewart  
**Project Location:** Lovington NM

**Date Received in Lab:** Fri 11.13.2020 16:40  
**Report Date:** 11.23.2020 13:25  
**Project Manager:** Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	677895-013		677895-014		677895-015		677895-016		677895-017		677895-018	
	<i>Field Id:</i>	13 DGP		14 DGP		15 DGP		16 DGP		17 DGP		18 DGP	
	<i>Depth:</i>	3.5- ft		3.5- ft		3.5- ft		3.5- ft		3.5- ft		3.5- ft	
	<i>Matrix:</i>	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	<i>Sampled:</i>	11.12.2020 15:00		11.12.2020 15:00		11.12.2020 15:00		11.12.2020 15:00		11.12.2020 15:00		11.12.2020 15:00	
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	11.18.2020 15:00		11.18.2020 15:00		11.18.2020 15:00		11.18.2020 15:00		11.18.2020 15:00		11.18.2020 15:00	
	<i>Analyzed:</i>	11.19.2020 05:38		11.19.2020 06:04		11.19.2020 06:31		11.19.2020 06:57		11.19.2020 07:23		11.19.2020 07:48	
	<i>Units/RL:</i>	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0.0371	0.00200	0.00790	0.00200	0.0180	0.00201	0.0221	0.00200	0.00743	0.00200	0.0245	0.00199
Toluene		0.00211	0.00200	0.00274	0.00200	0.0476	0.00201	0.136	0.00200	0.0116	0.00200	0.0185	0.00199
Ethylbenzene		0.00937	0.00200	0.0116	0.00200	0.0208	0.00201	0.245	0.00200	0.347	0.00200	2.30 D	0.0199
m,p-Xylenes		0.00578	0.00400	0.0218	0.00401	0.0693	0.00402	0.00638	0.00400	0.0907	0.00399	0.0984	0.00398
o-Xylene		0.00257	0.00200	0.00671	0.00200	0.0418	0.00201	0.0651	0.00200	0.0441	0.00200	0.0264	0.00199
Total Xylenes		0.008350	0.002000	0.02851	0.002000	0.1111	0.002010	0.07148	0.002000	0.1348	0.002000	0.1248	0.001990
Total BTEX		0.05693	0.002000	0.05075	0.002000	0.1975	0.002010	0.4746	0.002000	0.5008	0.002000	2.468	0.001990
<b>Chloride by EPA 300</b>	<i>Extracted:</i>	11.16.2020 16:50		11.16.2020 16:50		11.16.2020 16:50		11.16.2020 16:50		11.16.2020 16:50		11.16.2020 16:50	
	<i>Analyzed:</i>	11.17.2020 10:14		11.17.2020 10:30		11.17.2020 10:35		11.17.2020 10:40		11.17.2020 10:46		11.17.2020 10:51	
	<i>Units/RL:</i>	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		287	4.95	443	5.04	448	5.00	54.4	5.00	85.7	4.97	102	4.95
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	11.16.2020 09:00		11.16.2020 09:00		11.16.2020 09:00		11.16.2020 09:00		11.16.2020 09:00		11.16.2020 09:00	
	<i>Analyzed:</i>	11.16.2020 14:37		11.16.2020 14:56		11.16.2020 15:15		11.16.2020 15:34		11.16.2020 15:53		11.16.2020 16:12	
	<i>Units/RL:</i>	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	57.7	50.0	<49.9	49.9	68.7	49.8	296	50.0
Diesel Range Organics (DRO)		334	50.0	1270	49.9	1870	50.0	94.9	49.9	301	49.8	1430	50.0
Motor Oil Range Hydrocarbons (MRO)		85.7	50.0	140	49.9	110	50.0	<49.9	49.9	82.9	49.8	307	50.0
Total TPH		420	50.0	1410	49.9	2040	50.0	94.9	49.9	453	49.8	2030	50.0

BRL - Below Reporting Limit



Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

# Certificate of Analysis Summary 677895

Davis Gas Processing, Midland, TX

Project Name: Denton Gas Plant-Slop Water Area

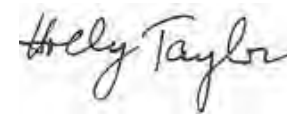
**Project Id:**  
**Contact:** Bob Stewart  
**Project Location:** Lovington NM

**Date Received in Lab:** Fri 11.13.2020 16:40  
**Report Date:** 11.23.2020 13:25  
**Project Manager:** Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	677895-019	677895-020			
	<i>Field Id:</i>	19 DGP	20 DGP			
	<i>Depth:</i>	3.5- ft	3.5- ft			
	<i>Matrix:</i>	SOIL	SOIL			
	<i>Sampled:</i>	11.12.2020 15:00	11.12.2020 15:00			
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	11.18.2020 15:00	11.18.2020 15:00			
	<i>Analyzed:</i>	11.19.2020 09:32	11.19.2020 09:58			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL			
Benzene		0.203 0.00200	0.0981 0.00201			
Toluene		0.154 0.00200	0.128 0.00201			
Ethylbenzene		2.91 D 0.0200	12.9 D 0.100			
m,p-Xylenes		0.255 0.00399	0.161 0.00402			
o-Xylene		0.0633 0.00200	0.0616 0.00201			
Total Xylenes		0.3183 0.002000	0.2226 0.002010			
Total BTEX		3.585 0.002000	13.35 0.002010			
<b>Chloride by EPA 300</b>	<i>Extracted:</i>	11.16.2020 16:50	11.16.2020 16:50			
	<i>Analyzed:</i>	11.17.2020 10:56	11.17.2020 11:02			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL			
Chloride		157 4.95	228 4.95			
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	11.16.2020 09:00	11.16.2020 09:00			
	<i>Analyzed:</i>	11.16.2020 16:32	11.16.2020 16:51			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		263 49.9	172 49.9			
Diesel Range Organics (DRO)		685 49.9	1650 49.9			
Motor Oil Range Hydrocarbons (MRO)		289 49.9	193 49.9			
Total TPH		1240 49.9	2020 49.9			

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico





# Analytical Report 677895

for

**Davis Gas Processing**

**Project Manager: Bob Stewart**

**Denton Gas Plant-Slop Water Area**

**11.23.2020**

Collected By: Client



**1211 W. Florida Ave  
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):  
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)  
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):  
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)  
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)  
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)  
Xenco-Carlsbad (LELAP): Louisiana (05092)  
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)  
Xenco-Tampa: Florida (E87429), North Carolina (483)



11.23.2020

Project Manager: **Bob Stewart**

**Davis Gas Processing**

211 N. Colorado

Midland, TX 79701-4696

Reference: Eurofins Xenco, LLC Report No(s): **677895**

**Denton Gas Plant-Slop Water Area**

Project Address: Lovington NM

**Bob Stewart:**

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 677895. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 677895 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

**Holly Taylor**

Project Manager

*A Small Business and Minority Company*

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# Sample Cross Reference 677895

## Davis Gas Processing, Midland, TX

Denton Gas Plant-Slop Water Area

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
1 DGP	S	11.12.2020 15:00	3.5 ft	677895-001
2 DGP	S	11.12.2020 15:00	3.5 ft	677895-002
3 DGP	S	11.12.2020 15:00	3.5 ft	677895-003
4 DGP	S	11.12.2020 15:00	3.5 ft	677895-004
5 DGP	S	11.12.2020 15:00	3.5 ft	677895-005
6 DGP	S	11.12.2020 15:00	3.5 ft	677895-006
7 DGP	S	11.12.2020 15:00	3.5 ft	677895-007
8 DGP	S	11.12.2020 15:00	3.5 ft	677895-008
9 DGP	S	11.12.2020 15:00	3.5 ft	677895-009
10 DGP	S	11.12.2020 15:00	3.5 ft	677895-010
11 DGP	S	11.12.2020 15:00	3.5 ft	677895-011
12 DGP	S	11.12.2020 15:00	3.5 ft	677895-012
13 DGP	S	11.12.2020 15:00	3.5 ft	677895-013
14 DGP	S	11.12.2020 15:00	3.5 ft	677895-014
15 DGP	S	11.12.2020 15:00	3.5 ft	677895-015
16 DGP	S	11.12.2020 15:00	3.5 ft	677895-016
17 DGP	S	11.12.2020 15:00	3.5 ft	677895-017
18 DGP	S	11.12.2020 15:00	3.5 ft	677895-018
19 DGP	S	11.12.2020 15:00	3.5 ft	677895-019
20 DGP	S	11.12.2020 15:00	3.5 ft	677895-020



# CASE NARRATIVE

**Client Name: Davis Gas Processing**

**Project Name: Denton Gas Plant-Slop Water Area**

Project ID:  
Work Order Number(s): 677895

Report Date: 11.23.2020  
Date Received: 11.13.2020

**Sample receipt non conformances and comments:**

**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

Batch: LBA-3142459 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.  
Samples affected are: 677895-001,677895-003,677895-002.

Batch: LBA-3142519 Chloride by EPA 300

Lab Sample ID 677895-011 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 677895-001, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3142565 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.  
Samples affected are: 677857-003 S,677857-003 SD,677895-005.

Batch: LBA-3142724 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits.  
Samples affected are: 677895-013,677895-014,677895-015,677895-020,677895-017,677895-018,677895-019,677895-016.



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **1 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-001 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	423	24.9	mg/kg	11.17.2020 09:06		5

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 10:47	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>76.4</b>	49.9	mg/kg	11.16.2020 10:47		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<b>78.9</b>	49.9	mg/kg	11.16.2020 10:47		1
<b>Total TPH</b>	PHC635	<b>155</b>	49.9	mg/kg	11.16.2020 10:47		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	11.16.2020 10:47	
o-Terphenyl	84-15-1	100	%	70-130	11.16.2020 10:47	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **1 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-001 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.16.2020 16:00 % Moisture:  
 Seq Number: 3142459 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0398	0.0398	mg/kg	11.17.2020 07:18	U	20
<b>Toluene</b>	108-88-3	<b>2.81</b>	0.0398	mg/kg	11.17.2020 07:18		20
<b>Ethylbenzene</b>	100-41-4	<b>2.27</b>	0.0398	mg/kg	11.17.2020 07:18		20
<b>m,p-Xylenes</b>	179601-23-1	<b>6.38</b>	0.0795	mg/kg	11.17.2020 07:18		20
<b>o-Xylene</b>	95-47-6	<b>3.02</b>	0.0398	mg/kg	11.17.2020 07:18		20
<b>Total Xylenes</b>	1330-20-7	<b>9.40</b>	0.0398	mg/kg	11.17.2020 07:18		20
<b>Total BTEX</b>		<b>14.5</b>	0.0398	mg/kg	11.17.2020 07:18		20
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	170	%	70-130	11.17.2020 07:18	**	
1,4-Difluorobenzene	540-36-3	80	%	70-130	11.17.2020 07:18		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **2 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-002 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:20 % Moisture:  
 Seq Number: 3142444 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	134	5.00	mg/kg	11.16.2020 23:12		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.16.2020 09:50	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>331</b>	50.0	mg/kg	11.16.2020 09:50		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	205	50.0	mg/kg	11.16.2020 09:50		1
<b>Total TPH</b>	PHC635	<b>536</b>	50.0	mg/kg	11.16.2020 09:50		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	11.16.2020 09:50	
o-Terphenyl	84-15-1	110	%	70-130	11.16.2020 09:50	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **2 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-002 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.16.2020 16:00 % Moisture:  
 Seq Number: 3142459 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0199	0.0199	mg/kg	11.17.2020 07:39	U	10
<b>Toluene</b>	108-88-3	<b>0.198</b>	0.0199	mg/kg	11.17.2020 07:39		10
<b>Ethylbenzene</b>	100-41-4	<b>0.527</b>	0.0199	mg/kg	11.17.2020 07:39		10
<b>m,p-Xylenes</b>	179601-23-1	<b>0.411</b>	0.0398	mg/kg	11.17.2020 07:39		10
<b>o-Xylene</b>	95-47-6	<b>0.223</b>	0.0199	mg/kg	11.17.2020 07:39		10
<b>Total Xylenes</b>	1330-20-7	<b>0.634</b>	0.0199	mg/kg	11.17.2020 07:39		10
<b>Total BTEX</b>		<b>1.36</b>	0.0199	mg/kg	11.17.2020 07:39		10
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
1,4-Difluorobenzene	540-36-3	115	%	70-130	11.17.2020 07:39		
4-Bromofluorobenzene	460-00-4	296	%	70-130	11.17.2020 07:39	**	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **3 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-003 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:20 % Moisture:  
 Seq Number: 3142444 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	398	5.00	mg/kg	11.17.2020 00:26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.16.2020 11:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.16.2020 11:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.16.2020 11:06	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.16.2020 11:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	11.16.2020 11:06	
o-Terphenyl	84-15-1	105	%	70-130	11.16.2020 11:06	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **3 DGP**  
 Lab Sample Id: 677895-003

Matrix: Soil  
 Date Collected: 11.12.2020 15:00

Date Received: 11.13.2020 16:40  
 Sample Depth: 3.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 11.16.2020 16:00

% Moisture:  
 Basis: Wet Weight

Seq Number: 3142459

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0199	0.0199	mg/kg	11.17.2020 07:59	U	10
<b>Toluene</b>	108-88-3	<b>0.124</b>	0.0199	mg/kg	11.17.2020 07:59		10
<b>Ethylbenzene</b>	100-41-4	<b>0.188</b>	0.0199	mg/kg	11.17.2020 07:59		10
<b>m,p-Xylenes</b>	179601-23-1	<b>0.169</b>	0.0398	mg/kg	11.17.2020 07:59		10
<b>o-Xylene</b>	95-47-6	<b>0.113</b>	0.0199	mg/kg	11.17.2020 07:59		10
<b>Total Xylenes</b>	1330-20-7	<b>0.282</b>	0.0199	mg/kg	11.17.2020 07:59		10
<b>Total BTEX</b>		<b>0.594</b>	0.0199	mg/kg	11.17.2020 07:59		10
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	184	%	70-130	11.17.2020 07:59	**	
1,4-Difluorobenzene	540-36-3	112	%	70-130	11.17.2020 07:59		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **4 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-004 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	159	5.00	mg/kg	11.17.2020 08:39	X	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.16.2020 11:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.16.2020 11:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.16.2020 11:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.16.2020 11:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	11.16.2020 11:25	
o-Terphenyl	84-15-1	103	%	70-130	11.16.2020 11:25	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **4 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-004 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.16.2020 16:00 % Moisture:  
 Seq Number: 3142459 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	11.17.2020 06:58	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.17.2020 06:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92	%	70-130	11.17.2020 06:58	
4-Bromofluorobenzene	460-00-4	94	%	70-130	11.17.2020 06:58	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **5 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-005 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	77.5	5.04	mg/kg	11.17.2020 09:11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 11:44	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>675</b>	49.9	mg/kg	11.16.2020 11:44		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<b>84.4</b>	49.9	mg/kg	11.16.2020 11:44		1
<b>Total TPH</b>	PHC635	<b>759</b>	49.9	mg/kg	11.16.2020 11:44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	11.16.2020 11:44	
o-Terphenyl	84-15-1	119	%	70-130	11.16.2020 11:44	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **5 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-005 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.18.2020 12:11	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.18.2020 12:11	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.18.2020 12:11	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.18.2020 12:11	U	1
<b>o-Xylene</b>	95-47-6	<b>0.0136</b>	0.00198	mg/kg	11.18.2020 12:11		1
<b>Total Xylenes</b>	1330-20-7	<b>0.01360</b>	0.001980	mg/kg	11.18.2020 12:11		1
<b>Total BTEX</b>		<b>0.01360</b>	0.001980	mg/kg	11.18.2020 12:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.18.2020 12:11	
4-Bromofluorobenzene	460-00-4	145	%	70-130	11.18.2020 12:11	**



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **6 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-006 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	222	49.6	mg/kg	11.17.2020 09:27		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 12:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.16.2020 12:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.16.2020 12:03	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.16.2020 12:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	11.16.2020 12:03	
o-Terphenyl	84-15-1	105	%	70-130	11.16.2020 12:03	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **6 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-006 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	11.18.2020 12:32	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	11.18.2020 12:32	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	11.18.2020 12:32	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	11.18.2020 12:32	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	11.18.2020 12:32	U	1
Total Xylenes	1330-20-7	<0.002020	0.002020	mg/kg	11.18.2020 12:32	U	1
Total BTEX		<0.002020	0.002020	mg/kg	11.18.2020 12:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.18.2020 12:32	
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.18.2020 12:32	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **7 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-007 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	382	4.95	mg/kg	11.17.2020 09:32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.16.2020 12:22	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>130</b>	50.0	mg/kg	11.16.2020 12:22		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.16.2020 12:22	U	1
<b>Total TPH</b>	PHC635	<b>130</b>	50.0	mg/kg	11.16.2020 12:22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	11.16.2020 12:22	
o-Terphenyl	84-15-1	111	%	70-130	11.16.2020 12:22	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **7 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-007 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.18.2020 12:52	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.18.2020 12:52	U	1
<b>Ethylbenzene</b>	100-41-4	<b>0.00562</b>	0.00200	mg/kg	11.18.2020 12:52		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.00643</b>	0.00400	mg/kg	11.18.2020 12:52		1
<b>o-Xylene</b>	95-47-6	<b>0.00485</b>	0.00200	mg/kg	11.18.2020 12:52		1
<b>Total Xylenes</b>	1330-20-7	<b>0.01128</b>	0.002000	mg/kg	11.18.2020 12:52		1
<b>Total BTEX</b>		<b>0.01690</b>	0.002000	mg/kg	11.18.2020 12:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	115	%	70-130	11.18.2020 12:52	
1,4-Difluorobenzene	540-36-3	100	%	70-130	11.18.2020 12:52	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **8 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-008 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	289	5.02	mg/kg	11.17.2020 09:37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 12:41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.16.2020 12:41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.16.2020 12:41	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.16.2020 12:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	11.16.2020 12:41	
o-Terphenyl	84-15-1	109	%	70-130	11.16.2020 12:41	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **8 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-008 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.18.2020 13:13	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.18.2020 13:13	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.18.2020 13:13	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.18.2020 13:13	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.18.2020 13:13	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	11.18.2020 13:13	U	1
Total BTEX		<0.001990	0.001990	mg/kg	11.18.2020 13:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	11.18.2020 13:13	
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.18.2020 13:13	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **9 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-009 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	273	5.00	mg/kg	11.17.2020 09:43		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.16.2020 13:00	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>71.5</b>	50.0	mg/kg	11.16.2020 13:00		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.16.2020 13:00	U	1
<b>Total TPH</b>	PHC635	<b>71.5</b>	50.0	mg/kg	11.16.2020 13:00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	11.16.2020 13:00	
o-Terphenyl	84-15-1	109	%	70-130	11.16.2020 13:00	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **9 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-009 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.00202</b>	0.00200	mg/kg	11.18.2020 13:33		1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.18.2020 13:33	U	1
<b>Ethylbenzene</b>	100-41-4	<b>0.0128</b>	0.00200	mg/kg	11.18.2020 13:33		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.0142</b>	0.00399	mg/kg	11.18.2020 13:33		1
<b>o-Xylene</b>	95-47-6	<b>0.00633</b>	0.00200	mg/kg	11.18.2020 13:33		1
<b>Total Xylenes</b>	1330-20-7	<b>0.02053</b>	0.002000	mg/kg	11.18.2020 13:33		1
<b>Total BTEX</b>		<b>0.03535</b>	0.002000	mg/kg	11.18.2020 13:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	98	%	70-130	11.18.2020 13:33	
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.18.2020 13:33	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **10 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-010 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	387	5.05	mg/kg	11.17.2020 09:48		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 13:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.16.2020 13:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.16.2020 13:20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.16.2020 13:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	11.16.2020 13:20	
o-Terphenyl	84-15-1	106	%	70-130	11.16.2020 13:20	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **10 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-010 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: KTL  
 Analyst: KTL Date Prep: 11.17.2020 17:15 % Moisture:  
 Seq Number: 3142565 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.18.2020 13:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.18.2020 13:53	U	1
<b>Ethylbenzene</b>	100-41-4	<b>0.00231</b>	0.00200	mg/kg	11.18.2020 13:53		1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	11.18.2020 13:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.18.2020 13:53	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	11.18.2020 13:53	U	1
<b>Total BTEX</b>		<b>0.002310</b>	0.002000	mg/kg	11.18.2020 13:53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	11.18.2020 13:53	
1,4-Difluorobenzene	540-36-3	101	%	70-130	11.18.2020 13:53	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **11 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-011 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	311	5.05	mg/kg	11.17.2020 09:53		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 13:58	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>67.7</b>	49.9	mg/kg	11.16.2020 13:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	51.7	49.9	mg/kg	11.16.2020 13:58		1
<b>Total TPH</b>	PHC635	<b>119</b>	49.9	mg/kg	11.16.2020 13:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	11.16.2020 13:58	
o-Terphenyl	84-15-1	104	%	70-130	11.16.2020 13:58	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **11 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-011 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.19.2020 04:46	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.19.2020 04:46	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.19.2020 04:46	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.19.2020 04:46	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.19.2020 04:46	U	1
Total Xylenes	1330-20-7	<0.001990	0.001990	mg/kg	11.19.2020 04:46	U	1
Total BTEX		<0.001990	0.001990	mg/kg	11.19.2020 04:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	90	%	70-130	11.19.2020 04:46	
4-Bromofluorobenzene	460-00-4	128	%	70-130	11.19.2020 04:46	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **12 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-012 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	272	4.98	mg/kg	11.17.2020 10:09		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.16.2020 14:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.16.2020 14:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.16.2020 14:18	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.16.2020 14:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	11.16.2020 14:18	
o-Terphenyl	84-15-1	104	%	70-130	11.16.2020 14:18	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **12 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-012 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.19.2020 05:12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.19.2020 05:12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.19.2020 05:12	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.19.2020 05:12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.19.2020 05:12	U	1
Total Xylenes	1330-20-7	<0.002000	0.002000	mg/kg	11.19.2020 05:12	U	1
Total BTEX		<0.002000	0.002000	mg/kg	11.19.2020 05:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	120	%	70-130	11.19.2020 05:12	
1,4-Difluorobenzene	540-36-3	103	%	70-130	11.19.2020 05:12	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **13 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-013 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	287	4.95	mg/kg	11.17.2020 10:14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.16.2020 14:37	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>334</b>	50.0	mg/kg	11.16.2020 14:37		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	85.7	50.0	mg/kg	11.16.2020 14:37		1
<b>Total TPH</b>	PHC635	<b>420</b>	50.0	mg/kg	11.16.2020 14:37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	11.16.2020 14:37	
o-Terphenyl	84-15-1	107	%	70-130	11.16.2020 14:37	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **13 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-013 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.0371</b>	0.00200	mg/kg	11.19.2020 05:38		1
<b>Toluene</b>	108-88-3	<b>0.00211</b>	0.00200	mg/kg	11.19.2020 05:38		1
<b>Ethylbenzene</b>	100-41-4	<b>0.00937</b>	0.00200	mg/kg	11.19.2020 05:38		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.00578</b>	0.00400	mg/kg	11.19.2020 05:38		1
<b>o-Xylene</b>	95-47-6	<b>0.00257</b>	0.00200	mg/kg	11.19.2020 05:38		1
<b>Total Xylenes</b>	1330-20-7	<b>0.008350</b>	0.002000	mg/kg	11.19.2020 05:38		1
<b>Total BTEX</b>		<b>0.05693</b>	0.002000	mg/kg	11.19.2020 05:38		1
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
1,4-Difluorobenzene	540-36-3	97	%	70-130	11.19.2020 05:38		
4-Bromofluorobenzene	460-00-4	149	%	70-130	11.19.2020 05:38	**	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **14 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-014 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	443	5.04	mg/kg	11.17.2020 10:30		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 14:56	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>1270</b>	49.9	mg/kg	11.16.2020 14:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	140	49.9	mg/kg	11.16.2020 14:56		1
<b>Total TPH</b>	PHC635	<b>1410</b>	49.9	mg/kg	11.16.2020 14:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	11.16.2020 14:56	
o-Terphenyl	84-15-1	108	%	70-130	11.16.2020 14:56	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **14 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-014 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.00790</b>	0.00200	mg/kg	11.19.2020 06:04		1
<b>Toluene</b>	108-88-3	<b>0.00274</b>	0.00200	mg/kg	11.19.2020 06:04		1
<b>Ethylbenzene</b>	100-41-4	<b>0.0116</b>	0.00200	mg/kg	11.19.2020 06:04		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.0218</b>	0.00401	mg/kg	11.19.2020 06:04		1
<b>o-Xylene</b>	95-47-6	<b>0.00671</b>	0.00200	mg/kg	11.19.2020 06:04		1
<b>Total Xylenes</b>	1330-20-7	<b>0.02851</b>	0.002000	mg/kg	11.19.2020 06:04		1
<b>Total BTEX</b>		<b>0.05075</b>	0.002000	mg/kg	11.19.2020 06:04		1
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	134	%	70-130	11.19.2020 06:04	**	
1,4-Difluorobenzene	540-36-3	77	%	70-130	11.19.2020 06:04		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **15 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-015 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	448	5.00	mg/kg	11.17.2020 10:35		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	57.7	50.0	mg/kg	11.16.2020 15:15		1
Diesel Range Organics (DRO)	C10C28DRO	1870	50.0	mg/kg	11.16.2020 15:15		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	110	50.0	mg/kg	11.16.2020 15:15		1
Total TPH	PHC635	2040	50.0	mg/kg	11.16.2020 15:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	11.16.2020 15:15	
o-Terphenyl	84-15-1	130	%	70-130	11.16.2020 15:15	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **15 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-015 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.0180</b>	0.00201	mg/kg	11.19.2020 06:31		1
<b>Toluene</b>	108-88-3	<b>0.0476</b>	0.00201	mg/kg	11.19.2020 06:31		1
<b>Ethylbenzene</b>	100-41-4	<b>0.0208</b>	0.00201	mg/kg	11.19.2020 06:31		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.0693</b>	0.00402	mg/kg	11.19.2020 06:31		1
<b>o-Xylene</b>	95-47-6	<b>0.0418</b>	0.00201	mg/kg	11.19.2020 06:31		1
<b>Total Xylenes</b>	1330-20-7	<b>0.1111</b>	0.002010	mg/kg	11.19.2020 06:31		1
<b>Total BTEX</b>		<b>0.1975</b>	0.002010	mg/kg	11.19.2020 06:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	148	%	70-130	11.19.2020 06:31	**
1,4-Difluorobenzene	540-36-3	111	%	70-130	11.19.2020 06:31	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **16 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-016 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	54.4	5.00	mg/kg	11.17.2020 10:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.16.2020 15:34	U	1
<b>Diesel Range Organics (DRO)</b>	C10C28DRO	<b>94.9</b>	49.9	mg/kg	11.16.2020 15:34		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.16.2020 15:34	U	1
<b>Total TPH</b>	PHC635	<b>94.9</b>	49.9	mg/kg	11.16.2020 15:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	11.16.2020 15:34	
o-Terphenyl	84-15-1	108	%	70-130	11.16.2020 15:34	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **16 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-016 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.0221</b>	0.00200	mg/kg	11.19.2020 06:57		1
<b>Toluene</b>	108-88-3	<b>0.136</b>	0.00200	mg/kg	11.19.2020 06:57		1
<b>Ethylbenzene</b>	100-41-4	<b>0.245</b>	0.00200	mg/kg	11.19.2020 06:57		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.00638</b>	0.00400	mg/kg	11.19.2020 06:57		1
<b>o-Xylene</b>	95-47-6	<b>0.0651</b>	0.00200	mg/kg	11.19.2020 06:57		1
<b>Total Xylenes</b>	1330-20-7	<b>0.07148</b>	0.002000	mg/kg	11.19.2020 06:57		1
<b>Total BTEX</b>		<b>0.4746</b>	0.002000	mg/kg	11.19.2020 06:57		1
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	176	%	70-130	11.19.2020 06:57	**	
1,4-Difluorobenzene	540-36-3	123	%	70-130	11.19.2020 06:57		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **17 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-017 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	85.7	4.97	mg/kg	11.17.2020 10:46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	68.7	49.8	mg/kg	11.16.2020 15:53		1
Diesel Range Organics (DRO)	C10C28DRO	301	49.8	mg/kg	11.16.2020 15:53		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	82.9	49.8	mg/kg	11.16.2020 15:53		1
Total TPH	PHC635	453	49.8	mg/kg	11.16.2020 15:53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	11.16.2020 15:53	
o-Terphenyl	84-15-1	106	%	70-130	11.16.2020 15:53	





# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: <b>17 DGP</b>	Matrix: Soil	Date Received: 11.13.2020 16:40
Lab Sample Id: 677895-017	Date Collected: 11.12.2020 15:00	Sample Depth: 3.5 ft
Analytical Method: BTEX by EPA 8021B		Prep Method: SW5035A
Tech: MNR		% Moisture:
Analyst: MNR	Date Prep: 11.18.2020 15:00	Basis: Wet Weight
Seq Number: 3142724		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.00743</b>	0.00200	mg/kg	11.19.2020 07:23		1
<b>Toluene</b>	108-88-3	<b>0.0116</b>	0.00200	mg/kg	11.19.2020 07:23		1
<b>Ethylbenzene</b>	100-41-4	<b>0.347</b>	0.00200	mg/kg	11.19.2020 07:23		1
<b>m,p-Xylenes</b>	179601-23-1	<b>0.0907</b>	0.00399	mg/kg	11.19.2020 07:23		1
<b>o-Xylene</b>	95-47-6	<b>0.0441</b>	0.00200	mg/kg	11.19.2020 07:23		1
<b>Total Xylenes</b>	1330-20-7	<b>0.1348</b>	0.002000	mg/kg	11.19.2020 07:23		1
<b>Total BTEX</b>		<b>0.5008</b>	0.002000	mg/kg	11.19.2020 07:23		1
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	357	%	70-130	11.19.2020 07:23	**	
1,4-Difluorobenzene	540-36-3	91	%	70-130	11.19.2020 07:23		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **18 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-018 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	102	4.95	mg/kg	11.17.2020 10:51		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	296	50.0	mg/kg	11.16.2020 16:12		1
Diesel Range Organics (DRO)	C10C28DRO	1430	50.0	mg/kg	11.16.2020 16:12		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	307	50.0	mg/kg	11.16.2020 16:12		1
Total TPH	PHC635	2030	50.0	mg/kg	11.16.2020 16:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	11.16.2020 16:12	
o-Terphenyl	84-15-1	113	%	70-130	11.16.2020 16:12	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **18 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-018 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.0245</b>	0.00199	mg/kg	11.19.2020 07:48		1
<b>Toluene</b>	108-88-3	<b>0.0185</b>	0.00199	mg/kg	11.19.2020 07:48		1
<b>Ethylbenzene</b>	100-41-4	<b>2.30</b>	0.0199	mg/kg	11.20.2020 14:18	D	10
<b>m,p-Xylenes</b>	179601-23-1	<b>0.0984</b>	0.00398	mg/kg	11.19.2020 07:48		1
<b>o-Xylene</b>	95-47-6	<b>0.0264</b>	0.00199	mg/kg	11.19.2020 07:48		1
<b>Total Xylenes</b>	1330-20-7	<b>0.1248</b>	0.001990	mg/kg	11.19.2020 07:48		1
<b>Total BTEX</b>		<b>2.468</b>	0.001990	mg/kg	11.20.2020 14:18		10
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
1,4-Difluorobenzene	540-36-3	88	%	70-130	11.19.2020 07:48		
4-Bromofluorobenzene	460-00-4	467	%	70-130	11.19.2020 07:48	**	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **19 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-019 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	157	4.95	mg/kg	11.17.2020 10:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	263	49.9	mg/kg	11.16.2020 16:32		1
Diesel Range Organics (DRO)	C10C28DRO	685	49.9	mg/kg	11.16.2020 16:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	289	49.9	mg/kg	11.16.2020 16:32		1
Total TPH	PHC635	1240	49.9	mg/kg	11.16.2020 16:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	11.16.2020 16:32	
o-Terphenyl	84-15-1	109	%	70-130	11.16.2020 16:32	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX Denton Gas Plant-Slop Water Area

Sample Id: **19 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-019 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A  
 Tech: MNR  
 Analyst: MNR Date Prep: 11.18.2020 15:00 % Moisture:  
 Seq Number: 3142724 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.203</b>	0.00200	mg/kg	11.19.2020 09:32		1
<b>Toluene</b>	108-88-3	<b>0.154</b>	0.00200	mg/kg	11.19.2020 09:32		1
<b>Ethylbenzene</b>	100-41-4	<b>2.91</b>	0.0200	mg/kg	11.20.2020 14:38	D	10
<b>m,p-Xylenes</b>	179601-23-1	<b>0.255</b>	0.00399	mg/kg	11.19.2020 09:32		1
<b>o-Xylene</b>	95-47-6	<b>0.0633</b>	0.00200	mg/kg	11.19.2020 09:32		1
<b>Total Xylenes</b>	1330-20-7	<b>0.3183</b>	0.002000	mg/kg	11.19.2020 09:32		1
<b>Total BTEX</b>		<b>3.585</b>	0.002000	mg/kg	11.20.2020 14:38		10
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	737	%	70-130	11.19.2020 09:32	**	
1,4-Difluorobenzene	540-36-3	123	%	70-130	11.19.2020 09:32		



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **20 DGP** Matrix: Soil Date Received: 11.13.2020 16:40  
 Lab Sample Id: 677895-020 Date Collected: 11.12.2020 15:00 Sample Depth: 3.5 ft  
 Analytical Method: Chloride by EPA 300 Prep Method: E300P  
 Tech: CHE  
 Analyst: CHE Date Prep: 11.16.2020 16:50 % Moisture:  
 Seq Number: 3142519 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	228	4.95	mg/kg	11.17.2020 11:02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P  
 Tech: DVM  
 Analyst: ARM Date Prep: 11.16.2020 09:00 % Moisture:  
 Seq Number: 3142499 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	172	49.9	mg/kg	11.16.2020 16:51		1
Diesel Range Organics (DRO)	C10C28DRO	1650	49.9	mg/kg	11.16.2020 16:51		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	193	49.9	mg/kg	11.16.2020 16:51		1
Total TPH	PHC635	2020	49.9	mg/kg	11.16.2020 16:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	11.16.2020 16:51	
o-Terphenyl	84-15-1	105	%	70-130	11.16.2020 16:51	



# Certificate of Analytical Results 677895

## Davis Gas Processing, Midland, TX

### Denton Gas Plant-Slop Water Area

Sample Id: **20 DGP**  
 Lab Sample Id: 677895-020

Matrix: Soil  
 Date Collected: 11.12.2020 15:00

Date Received: 11.13.2020 16:40  
 Sample Depth: 3.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 11.18.2020 15:00

% Moisture:  
 Basis: Wet Weight

Seq Number: 3142724

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
<b>Benzene</b>	71-43-2	<b>0.0981</b>	0.00201	mg/kg	11.19.2020 09:58		1
<b>Toluene</b>	108-88-3	<b>0.128</b>	0.00201	mg/kg	11.19.2020 09:58		1
<b>Ethylbenzene</b>	100-41-4	<b>12.9</b>	0.100	mg/kg	11.20.2020 16:00	D	50
<b>m,p-Xylenes</b>	179601-23-1	<b>0.161</b>	0.00402	mg/kg	11.19.2020 09:58		1
<b>o-Xylene</b>	95-47-6	<b>0.0616</b>	0.00201	mg/kg	11.19.2020 09:58		1
<b>Total Xylenes</b>	1330-20-7	<b>0.2226</b>	0.002010	mg/kg	11.19.2020 09:58		1
<b>Total BTEX</b>		<b>13.35</b>	0.002010	mg/kg	11.20.2020 16:00		50
<b>Surrogate</b>	<b>Cas Number</b>	<b>% Recovery</b>	<b>Units</b>	<b>Limits</b>	<b>Analysis Date</b>	<b>Flag</b>	
4-Bromofluorobenzene	460-00-4	377	%	70-130	11.19.2020 09:58	**	
1,4-Difluorobenzene	540-36-3	118	%	70-130	11.19.2020 09:58		





## Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

\*\* Surrogate recovered outside laboratory control limit.

**BRL** Below Reporting Limit.      **ND** Not Detected.

**RL** Reporting Limit

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

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

**DL** Method Detection Limit

**NC** Non-Calculable

**SMP** Client Sample      **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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



# QC Summary 677895

## Davis Gas Processing Denton Gas Plant-Slop Water Area

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142444

MB Sample Id: 7715285-1-BLK

Matrix: Solid

LCS Sample Id: 7715285-1-BKS

Prep Method: E300P

Date Prep: 11.16.2020

LCSD Sample Id: 7715285-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	267	107	265	106	90-110	1	20	mg/kg	11.16.2020 23:01	

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142519

MB Sample Id: 7715287-1-BLK

Matrix: Solid

LCS Sample Id: 7715287-1-BKS

Prep Method: E300P

Date Prep: 11.16.2020

LCSD Sample Id: 7715287-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	272	109	273	109	90-110	0	20	mg/kg	11.17.2020 08:29	

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142444

Parent Sample Id: 677895-002

Matrix: Soil

MS Sample Id: 677895-002 S

Prep Method: E300P

Date Prep: 11.16.2020

MSD Sample Id: 677895-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	134	250	401	107	399	106	90-110	1	20	mg/kg	11.16.2020 23:17	

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142444

Parent Sample Id: 677895-003

Matrix: Soil

MS Sample Id: 677895-003 S

Prep Method: E300P

Date Prep: 11.16.2020

MSD Sample Id: 677895-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	398	250	634	94	633	94	90-110	0	20	mg/kg	11.17.2020 00:31	

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142519

Parent Sample Id: 677895-004

Matrix: Soil

MS Sample Id: 677895-004 S

Prep Method: E300P

Date Prep: 11.16.2020

MSD Sample Id: 677895-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	159	250	443	114	443	114	90-110	0	20	mg/kg	11.17.2020 08:45	X

**Analytical Method:** Chloride by EPA 300

Seq Number: 3142519

Parent Sample Id: 677895-011

Matrix: Soil

MS Sample Id: 677895-011 S

Prep Method: E300P

Date Prep: 11.16.2020

MSD Sample Id: 677895-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	311	253	578	106	578	106	90-110	0	20	mg/kg	11.17.2020 09:58	

MS/MSD Percent Recovery  
Relative Percent Difference  
LCS/LCSD Recovery  
Log Difference

[D] = 100\*(C-A) / B  
RPD = 200\* |(C-E) / (C+E)|  
[D] = 100 \* (C) / [B]  
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample  
A = Parent Result  
C = MS/LCS Result  
E = MSD/LCSD Result

MS = Matrix Spike  
B = Spike Added  
D = MSD/LCSD % Rec



**Davis Gas Processing**  
Denton Gas Plant-Slop Water Area

**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3142499

MB Sample Id: 7715313-1-BLK

Matrix: Solid

LCS Sample Id: 7715313-1-BKS

Prep Method: SW8015P

Date Prep: 11.16.2020

LCSD Sample Id: 7715313-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	830	83	839	84	70-130	1	20	mg/kg	11.16.2020 09:06	
Diesel Range Organics (DRO)	<50.0	1000	873	87	861	86	70-130	1	20	mg/kg	11.16.2020 09:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		104		102		70-130	%	11.16.2020 09:06
o-Terphenyl	114		107		109		70-130	%	11.16.2020 09:06

**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3142499

MB Sample Id: 7715313-1-BLK

Matrix: Solid

Prep Method: SW8015P

Date Prep: 11.16.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	11.16.2020 08:47	

**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3142499

Parent Sample Id: 677895-002

Matrix: Soil

MS Sample Id: 677895-002 S

Prep Method: SW8015P

Date Prep: 11.16.2020

MSD Sample Id: 677895-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	846	85	854	86	70-130	1	20	mg/kg	11.16.2020 10:08	
Diesel Range Organics (DRO)	331	997	1190	86	1140	81	70-130	4	20	mg/kg	11.16.2020 10:08	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		100		70-130	%	11.16.2020 10:08
o-Terphenyl	109		107		70-130	%	11.16.2020 10:08

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

Seq Number: 3142459

MB Sample Id: 7715330-1-BLK

Matrix: Solid

LCS Sample Id: 7715330-1-BKS

Prep Method: SW5035A

Date Prep: 11.16.2020

LCSD Sample Id: 7715330-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0889	89	0.0919	92	70-130	3	35	mg/kg	11.17.2020 10:44	
Toluene	<0.00200	0.100	0.0828	83	0.0984	98	70-130	17	35	mg/kg	11.17.2020 10:44	
Ethylbenzene	<0.00200	0.100	0.0819	82	0.0976	98	70-130	17	35	mg/kg	11.17.2020 10:44	
m,p-Xylenes	<0.00400	0.200	0.153	77	0.190	95	70-130	22	35	mg/kg	11.17.2020 10:44	
o-Xylene	<0.00200	0.100	0.0767	77	0.0955	96	70-130	22	35	mg/kg	11.17.2020 10:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		84		89		70-130	%	11.17.2020 10:44
4-Bromofluorobenzene	101		87		102		70-130	%	11.17.2020 10:44

MS/MSD Percent Recovery  
Relative Percent Difference  
LCS/LCSD Recovery  
Log Difference

[D] = 100\*(C-A) / B  
RPD = 200\* |(C-E) / (C+E)|  
[D] = 100 \* (C) / [B]  
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample  
A = Parent Result  
C = MS/LCS Result  
E = MSD/LCSD Result

MS = Matrix Spike  
B = Spike Added  
D = MSD/LCSD % Rec



# QC Summary 677895

## Davis Gas Processing Denton Gas Plant-Slop Water Area

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

Seq Number: 3142565

MB Sample Id: 7715414-1-BLK

Matrix: Solid

LCS Sample Id: 7715414-1-BKS

Prep Method: SW5035A

Date Prep: 11.17.2020

LCSD Sample Id: 7715414-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0759	76	0.0731	73	70-130	4	35	mg/kg	11.18.2020 04:21	
Toluene	<0.00200	0.100	0.0807	81	0.0764	76	70-130	5	35	mg/kg	11.18.2020 04:21	
Ethylbenzene	<0.00200	0.100	0.0897	90	0.0845	85	70-130	6	35	mg/kg	11.18.2020 04:21	
m,p-Xylenes	<0.00400	0.200	0.172	86	0.161	81	70-130	7	35	mg/kg	11.18.2020 04:21	
o-Xylene	<0.00200	0.100	0.0871	87	0.0825	83	70-130	5	35	mg/kg	11.18.2020 04:21	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		99		99		70-130	%	11.18.2020 04:21
4-Bromofluorobenzene	117		102		103		70-130	%	11.18.2020 04:21

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

Seq Number: 3142724

MB Sample Id: 7715511-1-BLK

Matrix: Solid

LCS Sample Id: 7715511-1-BKS

Prep Method: SW5035A

Date Prep: 11.18.2020

LCSD Sample Id: 7715511-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.108	108	0.107	107	70-130	1	35	mg/kg	11.19.2020 00:54	
Toluene	<0.00200	0.100	0.112	112	0.108	108	70-130	4	35	mg/kg	11.19.2020 00:54	
Ethylbenzene	<0.00200	0.100	0.114	114	0.111	111	70-130	3	35	mg/kg	11.19.2020 00:54	
m,p-Xylenes	<0.00400	0.200	0.225	113	0.219	110	70-130	3	35	mg/kg	11.19.2020 00:54	
o-Xylene	<0.00200	0.100	0.112	112	0.109	109	70-130	3	35	mg/kg	11.19.2020 00:54	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		102		104		70-130	%	11.19.2020 00:54
4-Bromofluorobenzene	123		103		104		70-130	%	11.19.2020 00:54

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

Seq Number: 3142459

Parent Sample Id: 677895-004

Matrix: Soil

MS Sample Id: 677895-004 S

Prep Method: SW5035A

Date Prep: 11.16.2020

MSD Sample Id: 677895-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0771	77	0.0792	79	70-130	3	35	mg/kg	11.17.2020 05:17	
Toluene	<0.00200	0.100	0.0806	81	0.0798	80	70-130	1	35	mg/kg	11.17.2020 05:17	
Ethylbenzene	<0.00200	0.100	0.0786	79	0.0781	78	70-130	1	35	mg/kg	11.17.2020 05:17	
m,p-Xylenes	<0.00400	0.200	0.151	76	0.149	75	70-130	1	35	mg/kg	11.17.2020 05:17	
o-Xylene	<0.00200	0.100	0.0739	74	0.0730	73	70-130	1	35	mg/kg	11.17.2020 05:17	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	93		93		70-130	%	11.17.2020 05:17
4-Bromofluorobenzene	105		104		70-130	%	11.17.2020 05:17

MS/MSD Percent Recovery  
Relative Percent Difference  
LCS/LCSD Recovery  
Log Difference

[D] = 100\*(C-A) / B  
RPD = 200\* |(C-E) / (C+E)|  
[D] = 100 \* (C) / [B]  
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample  
A = Parent Result  
C = MS/LCS Result  
E = MSD/LCSD Result

MS = Matrix Spike  
B = Spike Added  
D = MSD/LCSD % Rec



# QC Summary 677895

## Davis Gas Processing Denton Gas Plant-Slop Water Area

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

Seq Number: 3142565

Parent Sample Id: 677857-003

Matrix: Soil

MS Sample Id: 677857-003 S

Prep Method: SW5035A

Date Prep: 11.17.2020

MSD Sample Id: 677857-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0380	38	0.0421	42	70-130	10	35	mg/kg	11.18.2020 05:02	X
Toluene	<0.00200	0.0998	0.0273	27	0.0357	36	70-130	27	35	mg/kg	11.18.2020 05:02	X
Ethylbenzene	0.0101	0.0998	0.0251	15	0.0334	23	70-130	28	35	mg/kg	11.18.2020 05:02	X
m,p-Xylenes	0.0208	0.200	0.0450	12	0.0619	21	70-130	32	35	mg/kg	11.18.2020 05:02	X
o-Xylene	0.0140	0.0998	0.0263	12	0.0366	23	70-130	33	35	mg/kg	11.18.2020 05:02	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		95		70-130	%	11.18.2020 05:02
4-Bromofluorobenzene	140	**	146	**	70-130	%	11.18.2020 05:02

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

Seq Number: 3142724

Parent Sample Id: 677958-001

Matrix: Soil

MS Sample Id: 677958-001 S

Prep Method: SW5035A

Date Prep: 11.18.2020

MSD Sample Id: 677958-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.139	139	0.160	160	70-130	14	35	mg/kg	11.19.2020 01:46	X
Toluene	<0.00200	0.0998	0.137	137	0.153	153	70-130	11	35	mg/kg	11.19.2020 01:46	X
Ethylbenzene	<0.00200	0.0998	0.135	135	0.147	147	70-130	9	35	mg/kg	11.19.2020 01:46	X
m,p-Xylenes	<0.00399	0.200	0.260	130	0.287	144	70-130	10	35	mg/kg	11.19.2020 01:46	X
o-Xylene	<0.00200	0.0998	0.138	138	0.147	147	70-130	6	35	mg/kg	11.19.2020 01:46	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		102		70-130	%	11.19.2020 01:46
4-Bromofluorobenzene	107		105		70-130	%	11.19.2020 01:46

MS/MSD Percent Recovery  
Relative Percent Difference  
LCS/LCSD Recovery  
Log Difference

$[D] = 100 * (C - A) / B$   
 $RPD = 200 * |(C - E) / (C + E)|$   
 $[D] = 100 * (C) / [B]$   
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample  
 A = Parent Result  
 C = MS/LCS Result  
 E = MSD/LCSD Result

MS = Matrix Spike  
 B = Spike Added  
 D = MSD/LCSD % Rec



Setting the Standard since 1990  
Stafford, Texas (281-240-4200)  
Dallas Texas (214-902-0300)

# CHAIN OF CUSTODY

San Antonio, Texas (210-609-3334)  
Midland, Texas (432-704-5251)

Phoenix, Arizona (480-355-0900)

www.xenco.com

Xenco Quote # Xenco Job # **677895**

Client / Reporting Information		Project Information				Analytical Information					Matrix Codes		
Company Name / Branch: <b>DAVIS GAS PROCESSING</b>		Project Name/Number: <b>DENTON GAS PLANT - SLOP WATER AREA</b>				BTEX via 8021 CHLORIDES via EPA300 TPH via 8015M							W = Water S = Soil/Sed/Solid GW = Ground Water DW = Drinking Water P = Product SW = Surface water SL = Sludge OW = Ocean/Sea Water WI = Wipe O = Oil WW = Waste Water A = Air
Company Address: <b>WTG GAS PROCESSING 211 N COLORADO MIDLAND TX 79701</b>		Project Location: <b>LOVINGTON NM</b>											
Email: <b>BSTEWART@WESTTEXASGAS.COM</b> Phone No: <b>432-253-4661</b>		Invoice To: <b>WTG GAS PROCESSING 211 N COLORADO MIDLAND TX 79701</b>											
Project Contact: <b>BOB STEWART</b>		PO Number:											
Samplers Name <b>BOB STEWART</b>													

No.	Field ID / Point of Collection	Collection			# of bottles	Number of preserved bottles											BTEX via 8021	CHLORIDES via EPA300	TPH via 8015M	Field Comments
		Sample Depth	Date	Time		Matrix	HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE						
1	1 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
2	2 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
3	3 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
4	4 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
5	5 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
6	6 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
7	7 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
8	8 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
9	9 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	
10	10 DGP	3.5'	NOV12,20	15:00	S	1											X	X	X	

Turnaround Time ( Business days)		Data Deliverable Information				Notes:	
<input type="checkbox"/> Same Day TAT	<input type="checkbox"/> 5 Day TAT	<input type="checkbox"/> Level II Std QC		<input type="checkbox"/> Level IV (Full Data Pkg /raw data)			
<input type="checkbox"/> Next Day EMERGENCY	<input checked="" type="checkbox"/> 7 Day TAT	<input type="checkbox"/> Level III Std QC+ Forms		<input type="checkbox"/> TRRP Level IV			
<input type="checkbox"/> 2 Day EMERGENCY	<input type="checkbox"/> Contract TAT	<input type="checkbox"/> Level 3 (CLP Forms)		<input type="checkbox"/> UST / RG -411			
<input type="checkbox"/> 3 Day EMERGENCY		<input type="checkbox"/> TRRP Checklist					
TAT Starts Day received by Lab, if received by 5:00 pm				FED-EX / UPS: Tracking #			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY							
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:		
1 <b>Bob Stewart</b>	<b>11-13-20 16:40</b>		2		2		
Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:		
3		3	4		4		
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On ice	Cooler Temp.	Thermo. Corr. Factor
5		5		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>18.1/18.6</b>	<b>0.5</b>

Notice: Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the Client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75 will be applied to each project. Xenco's liability will be limited to the cost of samples. Any samples received by Xenco but not analyzed will be invoiced at \$5 per sample. These terms will be enforced unless previously negotiated under a fully executed client contract.





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Xenco Quote #	Xenco Job # <b>677895</b>
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Client / Reporting Information		Project Information		Analytical Information						Matrix Codes		
Company Name / Branch: DAVIS GAS PROCESSING		Project Name/Number: DENTON GAS PLANT - SLOP WATER AREA		BTEX via 8021	CHLORIDES via EPA300	TPH via 8015M						<b>W = Water</b> <b>S = Soil/Sed/Solid</b> <b>GW = Ground Water</b> <b>DW = Drinking Water</b> <b>P = Product</b> <b>SW = Surface water</b> <b>SL = Sludge</b> <b>OW = Ocean/Sea Water</b> <b>WI = Wipe</b> <b>O = Oil</b> <b>WW = Waste Water</b> <b>A = Air</b>
Company Address: WTG GAS PROCESSING 211 N COLORADO MIDLAND TX 79701		Project Location: LOVINGTON NM										
Email: <b>BSTEWART@WESTTEXASGAS.COM</b> Phone No: 432-253-4661		Invoice To: WTG GAS PROCESSING 211 N COLORADO MIDLAND TX 79701										
Project Contact: BOB STEWART		PO Number:										
Samplers Name BOB STEWART												

No.	Field ID / Point of Collection	Collection				# of bottles	Number of preserved bottles										BTEX via 8021	CHLORIDES via EPA300	TPH via 8015M								Field Comments				
		Sample Depth	Date	Time	Matrix		HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE																	
1	11 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
2	12 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
3	13 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
4	14 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
5	15 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
6	16 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
7	17 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
8	18 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
9	19 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											
10	20 DGP	3.5'	NOV12,20	15:00	S	1												X	X	X											

Turnaround Time ( Business days)		Data Deliverable Information		Notes:
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<input type="checkbox"/> Same Day TAT	<input type="checkbox"/> 5 Day TAT	<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> Level IV (Full Data Pkg /raw data)	
<input type="checkbox"/> Next Day EMERGENCY	<input checked="" type="checkbox"/> 7 Day TAT	<input type="checkbox"/> Level III Std QC+ Forms	<input type="checkbox"/> TRRP Level IV	
<input type="checkbox"/> 2 Day EMERGENCY	<input type="checkbox"/> Contract TAT	<input type="checkbox"/> Level 3 (CLP Forms)	<input type="checkbox"/> UST / RG -411	
<input type="checkbox"/> 3 Day EMERGENCY		<input type="checkbox"/> TRRP Checklist		
<b>TAT Starts Day received by Lab, if received by 5:00 pm</b>				FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY					
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	11/13/2016:40	<i>[Signature]</i>	2		2
Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		<i>[Signature]</i>	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice
5				<input type="checkbox"/>	<input checked="" type="checkbox"/>

Cooler Temp. **18.1/18-6** Thermo. Corr. Factor **0-5**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the Client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75 will be applied to each project. Xenco's liability will be limited to the cost of samples. Any samples received by Xenco but not analyzed will be invoiced at \$5 per sample. These terms will be enforced unless previously negotiated under a fully executed client contract.



# Eurofins Xenco, LLC

## Prelogin/Nonconformance Report- Sample Log-In

Client: WTG-Benedum L. P.

Date/ Time Received: 11.13.2020 04.40.00 PM

Work Order #: 677895

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	18.6
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

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

Analyst:

PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 11.13.2020  
 Brianna Teel

Checklist reviewed by: Holly Taylor Date: 11.15.2020  
 Holly Taylor

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 199513

**CONDITIONS**

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 199513
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	Accepted for the record. Please proceed with the site assessment and its tentative timeline.	8/16/2023