RANGER
ENVIRONMENTAL SERVICES, LLC

November 4, 2025

SENT VIA ELECTRONIC MAIL

Mr. Nelson Velez
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: PROPOSED REMEDIATION 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 submits the following *Remediation Work Plan* associated with the November 7, 2020 incident at the Denton Gas Plant Facility (Site) in Lea County, New Mexico (NMOCD Incident #nRM2033752202). As you will see in the report, the work plan outlines activities associated with the ex-situ enhanced bio-reclamation/treatment of hydrocarbon impacted soils at the site. Should you have any questions regarding this report, please do not hesitate to contact me at 512/335-1785, ext. 4

Sincerely,

RANGER ENVIRONMENTAL SERVICES, LLC

STATE OF TEXAS
DANIEL E. AIREY
GEOLOGY
1022
LICENSED
PROFESSIONAL GEOSCIENTIST

11/4/2025

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

CC: Mr. David Davis, Davis Gas Processing, Inc.
Mr. Alan Hill

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PROPOSED REMEDIATION PLAN

DENTON GAS PLANT
UNIT NWSE, SECTION 2, TOWNSHIP 15S, RANGE 37E
LEA COUNTY, NEW MEXICO
33.044544, -103.169415
NMOCD INCIDENT #NRM2033752202
RANGER REFERENCE #6116

PREPARED FOR:

DAVIS GAS PROCESSING, INC.
P.O. BOX 51670
MIDLAND, TEXAS 79710

PREPARED BY:

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

NOVEMBER 4, 2025

DANIEL AIREY, P.G. (TX-1022)
SENIOR PROJECT MANAGER

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PROPOSED REMEDIATION 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 Plant (Site) is a former natural gas processing plant/facility historically operated by Davis Gas Processing (DGP). The site is currently used as a natural gas compression facility with above ground condensate storage. The Site is located on private land owned by DGP, 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 approximate GPS coordinates 33.044544, -103.169415.

On November 7, 2020, an accidental tank overfill incident occurred at the subject site. During site operations, a valve was inadvertently left open resulting the overfilling 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. During the initial response efforts representatives for DGP complete initial assessment activities in the impacted areas that included the collection of soil sample for laboratory analysis. DPG has retained Ranger Environmental Services, LLC (Ranger) to assist in the assessment and remediation activities associated with the November 7, 2020 incident.

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.

As detailed in previously submitted reports and proposals, numerous site assessment events have been completed to evaluate the conditions at the Site and define the extent of elevated soil concentrations. In June 2025, a Ranger prepared *Proposed Remediation Plan*, dated June 6, 2025 was submitted to the NMOCD. The plan proposed in-situ bioremediation efforts to address the elevated soil concentrations at the Site. Additionally, the plan requested a variance to allow for the utilization of the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria, and presented that due to the presence of underground utilities several areas of deferral or remediation requests would be necessary. On August 7, 2025, the NMOCD responded in denial of the proposed remedial strategy. The NMOCD response however did include the approval of the variance request to utilize the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria.

Based upon the NMOCD denial, this report includes an alternate proposed remediation plan to address the hydrocarbon impacted site soils.

A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas are attached. Additionally, figures illustrating the Site features, sampling locations, and proposed remediation activities are also attached.

2.0 SITE ASSESSMENT AND REGULATORY CRITERIA

2.1 Site Assessment Summary

As previously reported, multiple site assessment and characterization confirmation events have been performed at the site between November 2020 to April 2025. These assessment events occurred on the following dates:

SITE ASSESSMENT DATES:

November 20, 2020
November 27, 2023
January 24, 2024
May 7, 2024
July 16-17, 2024
September 4, 2024
January 30, 2025
February 20, 2025
April 14, 2025
April 28, 2025

The completed assessment efforts have successfully delineated the extent of elevated adsorbed soil hydrocarbon concentrations at the Site. The results of these assessment events have been previously provided to NMOCD. Summary tables noting the results of the soil sample analysis are included in the Tables section of this report. Site maps depicting the sample locations is also included in the Figures section of this report. All associated laboratory analytical reports have been previously supplied to the NMOCD and can be resupplied upon request.

Based upon the results of the assessment activities, Ranger estimates approximately 40,300 cubic yards (yds^3) of hydrocarbon impacted soil exists at the subject Site above NMOCD closure criteria concentrations. Also, an additional 5,000 to 6,000 yds^3 of chloride impacted soils exist at the subject Site above NMOCD closure criteria concentrations.

2.2 Variance Approval & NMOCD Approved Regulatory Criteria

As detailed in previous reports/proposals, two water wells are documented to be present within the boundaries of the former facility and within 1,000 feet of the subject release location. On April 14, 2025, Ranger personnel collected depth-to-groundwater measurements from two water wells located within the footprint of the historic Denton Gas Plant facility. On this date, the static depth to groundwater in the eastern most (active) water well was determined to be at a depth of approximately 65.70 feet below ground surface (bgs). The static depth to groundwater in the western out-of-service water well was determined to be at a depth of 80.40 feet bgs. Based on review of available depth-to-groundwater information for the area and depth-to-groundwater measurements collected by Ranger personnel, depth-to-groundwater for the area is greater than

50 feet bgs. Due to the presence of the water wells within 1,000 feet of the subject release impact area the June 6, 2025 proposed remediation plan included a variance request to allow for the utilization of the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria. The NMOCD response to the *Proposed Remediation Plan* included the approval of the variance request and utilization for the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria at the Site.

Based upon the previously supplied Site characterization details[1], the additional depth-to-groundwater measurement/information collected at the Site, and previous NMOCD approval for utilization of the proposed criteria, the following proposed assessment and remediation efforts will utilize the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria (Table 1 Criteria) as target/closure criteria. The proposed assessment and remedial efforts in the surface to four-foot depth interval will be compared to the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC (Reclamation Criteria). The referenced regulatory 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[2]	---	50[2]	10[2]

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

1. Full site characterization details and information are included in the June 16, 2022 Ranger "Site Characterization Update & Proposed Assessment Work Plan." Additional site characterization confirmation details are included in the June 6, 2022, Ranger "Proposed Remediation Plan."
2. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department Document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

3.0 PROPOSED SITE REMEDIATION PLAN

DGP and Ranger evaluated multiple possible remediation technologies in order to reduce in-situ adsorbed hydrocarbon concentrations at the site. Items considered in this evaluation were as follows:

- Volume of soil requiring treating
- Soil heterogeneity
- Operational on-site equipment and personnel considerations
- Site safety concerns with liabilities associated with possible encountering out of service equipment at a decades old natural gas processing plant
- Project Remediation Costs
- Dust nuisance concerns for adjoining landowners
- Corporate desire to minimize waste generation

Ranger considered other possible methods of remediating the site including, dig/haul with offsite disposal, chemical injection, and soil shredding. While Ranger and DGP are still of the opinion that in-situ remediation was the best option, NMOCD denied this option. As such, after careful consideration of the above referenced evaluation, DGP and Ranger are recommending soil removal and ex-situ enhanced bio-reclamation of the hydrocarbon impacted soils at the site. It is also recommended that offsite disposal of the chloride impacted soils occur.

3.1 Soil Removal & Ex-Situ Soil Bioremediation

Hydrocarbon Impacted Soil Excavation & Treatment

In order to address the elevated adsorbed total petroleum hydrocarbon (TPH) and benzene, toluene, ethylbenzene, and total xylene (BTEX) concentrations at the Site, ex-situ enhanced biological reclamation/treatment of the hydrocarbon affected soils at the site is proposed. It is proposed that the hydrocarbon affected areas, as presented on the attached *Proposed Remediation Area Map*, be excavated, placed into multiple constructed on-site treatment cells, and undergo treatment via the application of bioremediation products and water. The hydrocarbon affected soils will be excavated to an initial depth of four feet (or at which depth concentrations were determined to be below above NMOCD closure criteria concentrations) and placed into a treatment cell. Due to the on-going operations in portions of the Site, removal operations will be completed in stages so as not to inhibit operations at the Site. It is anticipated that soil excavation and removal operations will be completed in stages by excavating approximately 18,000 cubic yards of material for treatment operations at a time. For safety purposes, orange construction fencing will be placed around the excavation to prevent unauthorized access. Also, site personnel will be notified and instructed regarding the excavation(s) and treatment areas.

Upon completion of the hydrocarbon impacted soil removal activities, soil samples will be collected from the base and sidewalls of the excavation for chemical analysis. The purpose of this process is to document the lateral and vertical contaminant concentrations post excavation. This process is discussed in more detail in Section 3.4.

While total petroleum hydrocarbon (TPH) is the primary constituent of concern, minor areas of elevated chloride concertation were also documented to be present at the Site. To address the chloride affected soil areas, segregation of these soils and removal for offsite disposal is proposed. Upon completion of the chloride impacted soil removal activities, soil samples will be collected from the base and sidewalls of the excavation for chemical analysis. The purpose of this process is to document the lateral and vertical contaminant concentrations post excavation.

Proposed Treatment Product Information

As the primary constituent of concern at the Site is documented to be TPH, utilization of a bioremediation product designated for remediation of hydrocarbon impacted soils such as Piranha®, is proposed.

Piranha®, as described by Oppenheimer Biotechnologies, Inc. (Oppenheimer), Piranha® belongs to a family of products that are enzymatic blends of active and natural hydrocarbon-oxidizing single celled organisms (Domain Archaea) in inert mixtures that are specifically formulated for hydrocarbon consumption and degradation. The microbes used were specifically selected for their ability to biochemically and physically reduce hydrocarbons. These microbes are designed to recycle simple, complex and/or chlorinated hydrocarbons into natural compounds. The

combination of oil eating microbes and essential bio nutrients work quickly to effectively remediate hydrocarbon spills Copies of the safety data sheet (SDS) sheet and product information sheet for Piranha® are attached. In published literature provided by Oppenheimer, in one case study (Deep Water Horizon spill), a reduction of 99.8% of weathered crude was documented in a three month period of time using an Oppenheimer bioremediation product.

While it is anticipated that Piranha® will be utilized for treatment activities, alternative products will potentially be utilized in the event that the desired soil concentrations are not being attained, or if manufacturer/logistical supply issues arise. Additional products that will potentially be utilized include, but are not limited to, Micro-Blaze®, Oil Kicker, Pumper Spray, and Liquid Remediact®. Full details of the utilized product(s), volumes, and remedial progress will be included in the proposed quarterly reporting detailed below. Product information for the listed potential alternative products is included as an attachment to this report.

It should be pointed out, the TPH ranges that are most easily bioremediated are the >C12 range hydrocarbon compounds. The longer chained hydrocarbons are the most prevalent at the DGP site. The longer chained hydrocarbons are easier for the microbes to break apart in the hydrocarbon compound bioreduction process. Piranha® bioremediates the spilled oil and/or fuel using oil eating microbes to break down oil into its reduced components.

Product Application and Ex-Situ Treatment Methodologies

Upon excavation, the hydrocarbon impacted material designated for ex-situ treatment will be placed in the constructed on-site treatment cells in a single approximate 12 to 18 inch lift. During the placement process the material will be thoroughly agitated/mixed and the bioremediation product will be applied to ensure the treatment product comes in contact with the entirety of the material within the cell. The material will then be hydrated using fresh water to achieve the manufactures recommended moisture content of approximately 10%.

In order to maintain adequate soil moisture during the treatment process temporary watering systems will be installed in the treatment cells. Throughout the treatment process, soil moisture rates will be evaluated and adjusted as necessary. However, it is anticipated that the soils will be watered every other day in order to maintain the optimal 10% moisture concentration. The treatment material will be periodically mixed with additional bio-reclamation products added to promote and expedite the bioremediation process of the soil.

Treatment Monitoring & Management

To monitor progress of bioremediation, by-weekly (twice a month) inspections will be completed by Ranger personnel. The inspection process will include a review of the Site conditions, evaluation of soil moisture content, inspection of the treatment areas and berm integrity, and the collection of samples for field screening purposes.

The field screening process will include the collection of soil samples from the treatment areas for field evaluation. The soil samples collected for field evaluation will be collected at a rate of one five-part composite sample per 50 cubic yards of treatment material. The samples will be collected from various locations and depths within the treatment material. Utilizing an organic vapor monitor (OVM) and field chloride titration kit, Ranger personnel will screen the soil samples to determine the approximate levels of soil hydrocarbon and/or chloride concentrations.

Detailed notes of the site conditions and assessment activities will be completed for progress monitoring purposes and to assist in determining if alternations of the treatment practices, moisture concentration, or if additional product applications are performed. Any areas noted to have soil chloride concentrations at concentrations above the target regulatory criteria will be segregated removed from the treatment cell and will be transported off-site for disposal.

Treatment/Remediation Volume

Based upon the anticipated area and depth of remedial activities, it is estimated that approximately 40,300 cubic yards of material will be included in the ex-situ treatment/remedial activities at the Site.

3.2 Treated Soil Contaminant Concentration Verification

Upon achieving field readings indicating soil concentrations within the treatment cells are within the NMOCD Reclamation Criteria, soil samples for laboratory analysis will be collected. It is proposed to collect the confirmation samples for laboratory analysis will be collected at a rate of one five-part composite sample per 50 cubic yards of material. The composite sample parts will be collected from various locations and depths within the treatment cell to ensure full representation of the sample area in the composite sample. Upon collection, the composite sample parts will be placed into a new Ziplock® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture.

All soil samples designated for laboratory analysis will be collected using standard QA/QC procedures, placed into new, laboratory-supplied containers, and will be immediately placed into a sample shuttle containing ice and secured with custody seals. The samples will be transported to an approved laboratory for analysis of TPH, BTEX, and total chloride using NMOCD approved laboratory methodologies.

In the event that the material is documented to have BTEX or TPH concentrations above the NMOCD Reclamation Criteria, the material will remain in the treatment cell and will have additional tilling/biological additives made with additional moisture/water additions until such time as in-situ contaminant concentrations are documented to be below the applicable regulatory criteria.

3.3 Successfully Remediated Material Management and Successive Treatments

Upon confirmation that the treated soil/material has achieved BTEX and TPH concentrations at or below the applicable regulatory criteria, the temporary watering system will be removed, and the treated soil/material will be removed from the treatment cell and staged for utilization as backfill.

After removal from the treatment cells and replacement into an excavated area, an additional approximate 18,000 cubic yards of impacted material will be excavated for the next stage of treatment. Prior to placement into the treatment cell, an inspection of each treatment cell will be completed to ensure the integrity of the cell liner, containment berm, and overall treatment cell integrity. Any necessary repairs or improvements to the cell will be completed prior to additional material being placed into the cell.

The process will be completed until all material in the anticipated remediation area has been excavated, undergone treatment, and has been confirmed to have concentrations within the applicable regulatory concentrations.

3.4 Remediation Boundary Confirmation Soil Sampling

Upon completion of the soil removal operations to a depth of four feet bgs, confirmation soil samples will be collected from base of the excavation area to confirm the remaining material is within the proposed Table 1 Criteria. The samples will be collected in accordance with NMAC 19.15.29.12(D), as five-part composite samples with each sample representing no more than 200 square feet. Upon collection, the composite sample parts will be placed into a new Ziplock® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture.

In excavated areas on the extent of the proposed overall remediation area, soils samples for laboratory analysis will also be collected from the excavation side walls noted to be on the boundary of the remediation area. The samples will be collected in accordance with NMAC 19.15.29.12(D), as five-part composite samples with each sample representing no more than 200 square feet. Upon collection, the composite sample parts will be placed into a new Ziplock® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture.

All cleanup confirmation soil samples will be collected using standard QA/QC procedures, placed into laboratory-supplied containers, and will be immediately placed into a sample shuttle containing ice with custody seals. The samples will be transported to an approved laboratory for analysis of TPH, BTEX, and total chloride using NMOCD approved laboratory methodologies.

Upon receiving the laboratory analytical results for the confirmation soil samples, the results will be compared to the applicable regulatory criteria. The samples collected from the excavation base will be compared to the proposed Table 1 Criteria and the samples collected from the excavation side walls will be compared to the Restoration Criteria.

3.5 Remediation Area Contingency

In the event that confirmation soil samples indicate that soil concentrations elevated beyond the applicable regulatory criteria are present, additional soil removal and ex-situ bioremedial efforts will be completed.

Confirmation sample areas in the excavation base areas identified to have concentrations in exceedance of the Table 1 Criteria, will undergo additional excavation removal operations. This excavated material will be staged/managed, and will undergo ex-situ treatment in the manner presented above. However, any material excavated from these areas will be staged and treated in a separate treatment cell segregated from the other material undergoing treatment. Upon confirmation that soil concentrations have been reduced below the applicable NMOCD Table 1 Criteria (groundwater 51'-100' feet criteria), additional confirmation samples will be collected in the previously referenced manner, to confirm that the over-excavated area(s) have been successfully excavated to appropriate depths. The excavated material will be removed, treated, and separately staged for utilization as backfill in areas below four feet bgs. This process will be completed in the area until all excavated and in-situ soil is documented to be below the Table 1 Criteria. In the event that at a depth of four feet bgs or greater competent subsurface lithology is encountered, an update plan will be submitted to the NMOCD.

Excavation side wall samples documented to have concentrations in exceedance of the Reclamation Criteria will be subject to further evaluation to determine the extent of elevated soil concentrations. Upon determining the extent of the area, additional soil removal operations will be completed to the identified boundaries. Additional confirmation samples will be collected, in the previously reference manner, to confirm the over-excavated area(s) have been completed to appropriate boundaries and depths. The generated material will be staged, managed, and will undergo ex-situ treatment in the manner presented above.

3.6 Area Backfill

Upon successful confirmation that remediation areas have been completed to appropriate boundaries, and material from the treatment cells has been confirmed to have appropriate concentrations backfill operations, will be completed.

The treated material documented to have BTEX, TPH and chloride concentrations within the Reclamation Criteria will be utilized to backfill the excavated remediation areas and will be targeted for use as backfill in the sections of the remediation area from which it was originally removed from. However, based on site operational requirements, backfill will be completed as deemed most necessary for Site operations. Any areas excavated below a depth of four feet bgs, will be backfilled with the treated material documented to have BTEX, TPH and chloride concentrations below approved NMOCD Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria.

To reiterate, only remediation areas documented to have BTEX, TPH and chloride concentrations within the applicable regulatory criteria, confirmed via laboratory sample analysis, will be backfilled.

3.7 Remediation Deferral Request Areas

Due to the presence of underground utilities and aboveground appurtenant equipment, various locations within the proposed remediation area will be included in a request for deferral of remediation. All areas included in deferral of remediation request(s) will undergo soil sampling to document the area soil conditions. Soil samples will be collected from the excavation side walls of the remediation excavation area and area to be included in the deferral of remediation request. The samples will be collected in accordance with NMAC 19.15.29.12(D), as five-part composite samples with each sample representing no more than 200 square feet. Upon collection, the composite sample parts will be placed into a new Ziplock® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture. The documentation/assessment soil samples will be collected using standard QA/QC procedures, placed into laboratory-supplied containers, and will be immediately placed into a sample shuttle containing ice with custody seals. The samples will be transported to an approved laboratory for analysis of TPH, BTEX, and total chloride using NMOCD approved laboratory methodologies.

The known and anticipated areas of deferral request are presented in the attached Remediation Area Map. However, due to on-going operations at the site, various areas will require documentation and full detailing in order to provide exact information regarding location and extent of areas to be included in deferral requests. All additional areas of deferral request not presented in the attached figures will be detailed in the status update reports detailed below.

4.0 STATUS UPDATE REPORTING

In order to provide updates to progress at the Site, update reports will be prepared and submitted to the NMOCD.

4.1 Quarterly Reporting

On a quarterly basis, status update reports will be prepared to provide details of the completed site activities and detailed progress of the on-going efforts at the Site. The quarterly reports will include details of the excavated areas, updates on the progress of ex-situ bioremediation process, photographs of the excavated areas and treatment cells, as well as details of the completed bi-monthly field assessments.

The reports will include details of any treatment material assessment sampling and/or excavation confirmation sampling, the laboratory results of such sampling, and final outcome of the treated material. Estimates of the removed and treated material will also be presented. An anticipated timeline including details of upcoming treatment operations and sampling events will also be included.

4.2 Deferral Area Request Reporting

As stated above, due to changing site conditions, full details and extent of areas requiring deferral of remediation requests will be determined as efforts at the Site continue. As the additional areas requiring deferral requests are identified, update reports will be prepared providing full details of the area to be included in the deferral of remediation request. The reports will include location information, figures depicting the area of deferral request, and any laboratory data from samples collected in the area.

5.0 PROJECT TIMELINE & TIMELINE VARIANCE REQUEST

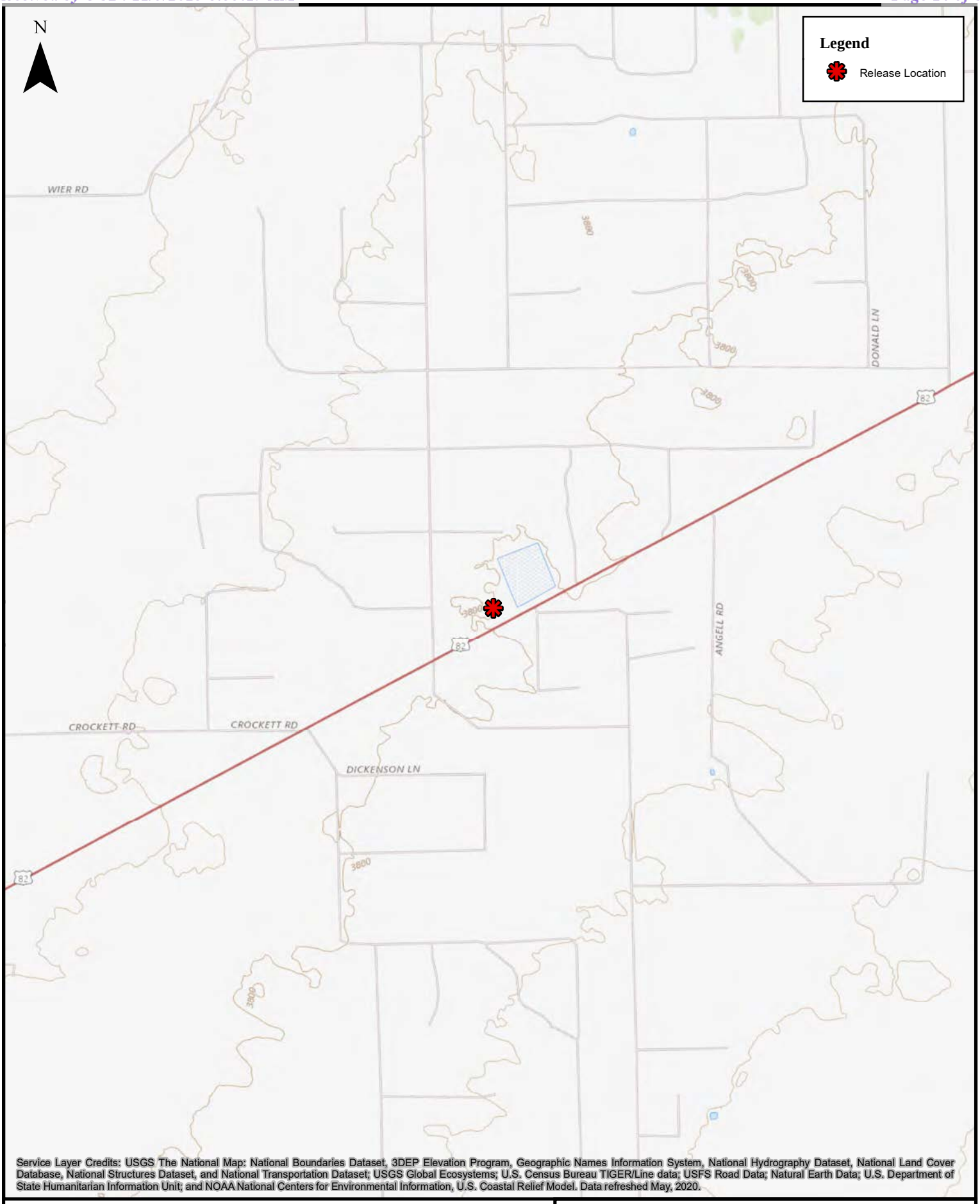
Based on the nature of the proposed remediation strategy, it is anticipated that remediation of each round of ex-situ treatment will require three to six months for adequate reduction of concentrations depending upon multiple factors but primarily the weather. Due to this prolonged timeline, the quarterly update reports detailed above will include refined project timelines to provide a more accurate estimate of project completion.

Upon approval of the proposed remediation plan, it is estimated that initial treatment operations can be completed within 90 days of approval, dependent on any product supplier inventory and shipping constraints.

Based on the nature of the project and estimated timelines, Davis Gas Processing respectfully requests a variance to the 90 day remediation completion timeline as outline in NMAC 19.15.29. As detailed above, timeline project updates will be provided to the NMOCD, at a minimum, on quarterly basis.

FIGURES

Topographic Map
Area Map
Assessment Soil Sample Location Map (11/2020 – 05/2024)
Tank Battery Area Composite Sample Location Map
Assessment Sample Location Map (09/2024 – 05/2025)
Proposed Remediation Area Map
Proposed Treatment Cell Location Map
Proposed Treatment Cell Cross-Sectional View



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.

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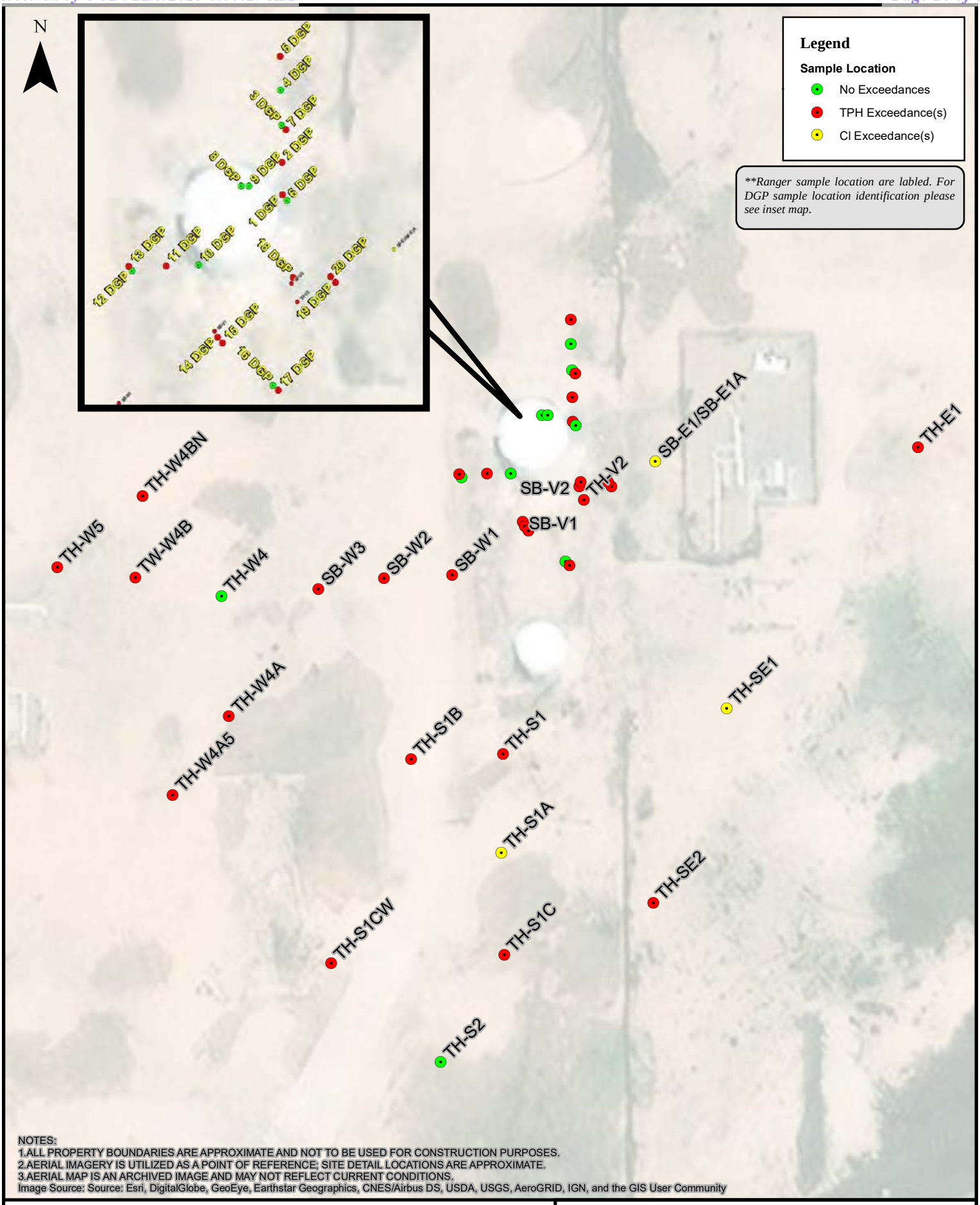
0 600 1,200 2,400 3,600 4,800 Feet

Topographic Map
DENTON GAS PLANT
LEA COUNTY, NM

RANGER ENVIRONMENTAL SERVICES, LLC

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

Area Map
DENTON GAS PLANT
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.
Image Source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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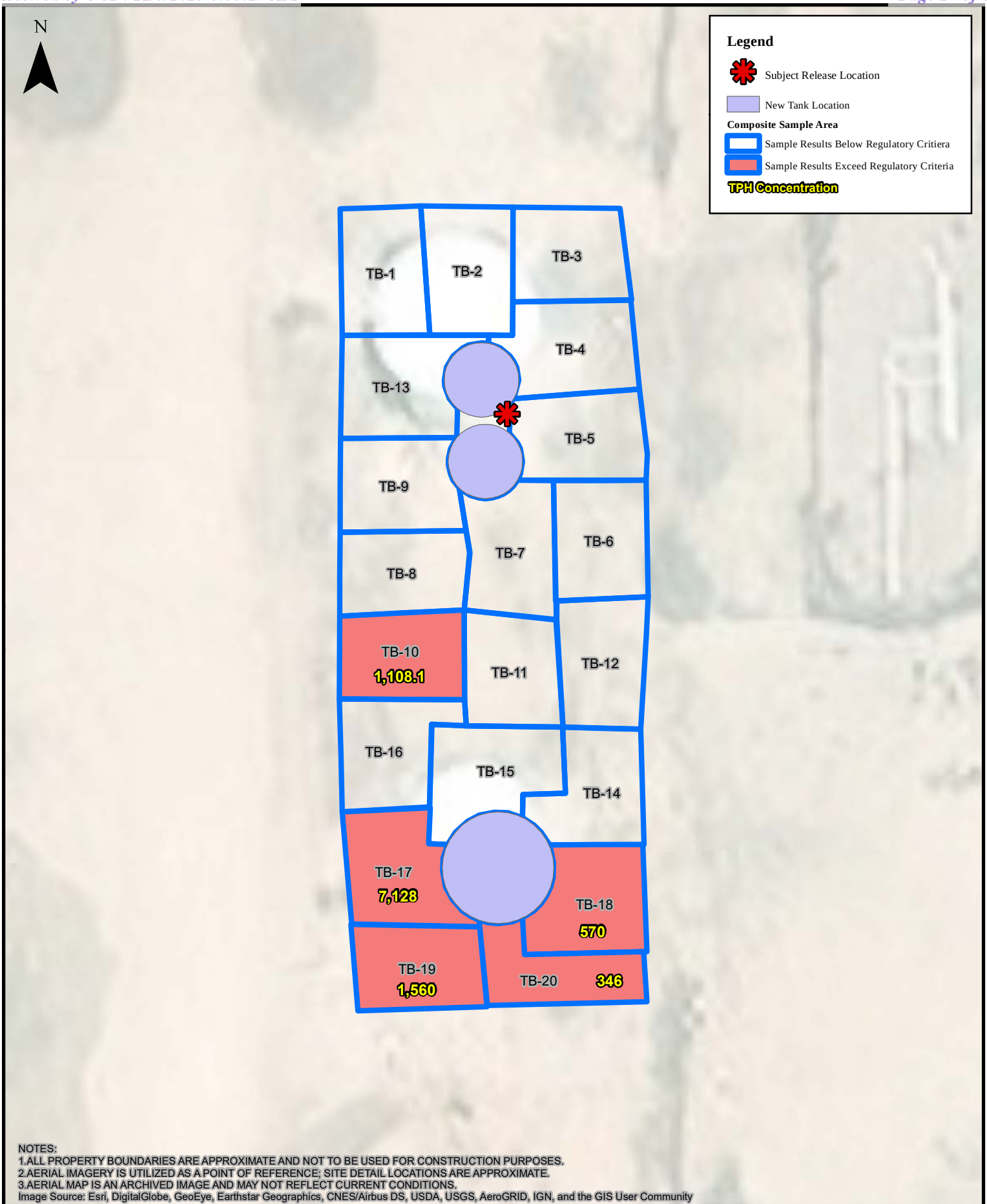
0 10 20 40 60 80 Feet

Assessment Sample Location Map
(11/2020 -05/2024)
DENTON GAS PLANT
LEA COUNTY, NM



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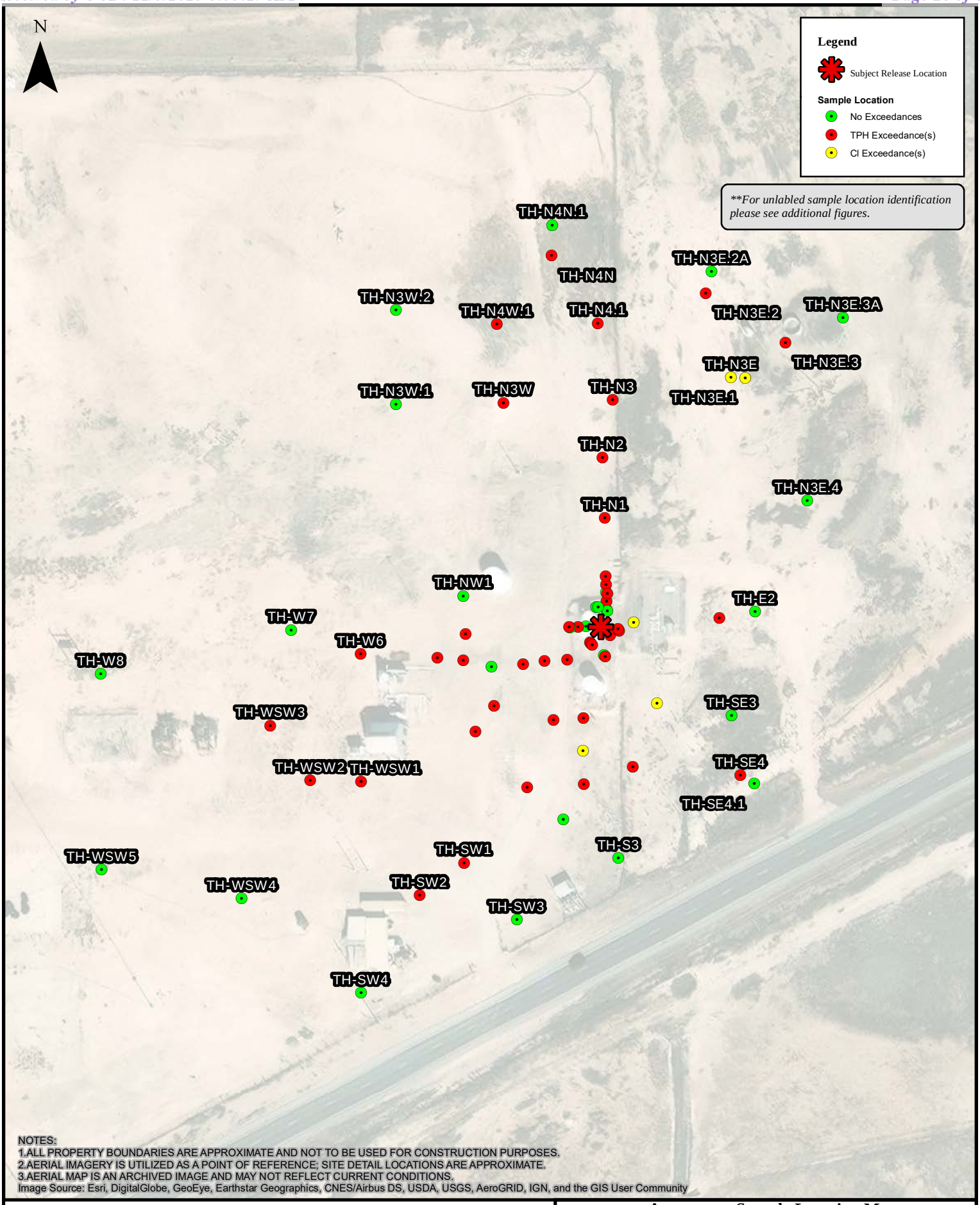
RANGER ENVIRONMENTAL SERVICES, LLC

0 5 10 20 30 40 Feet

Tank Battery Area Composite Sample Location Map
DENTON GAS PLANT
LEA COUNTY, NM



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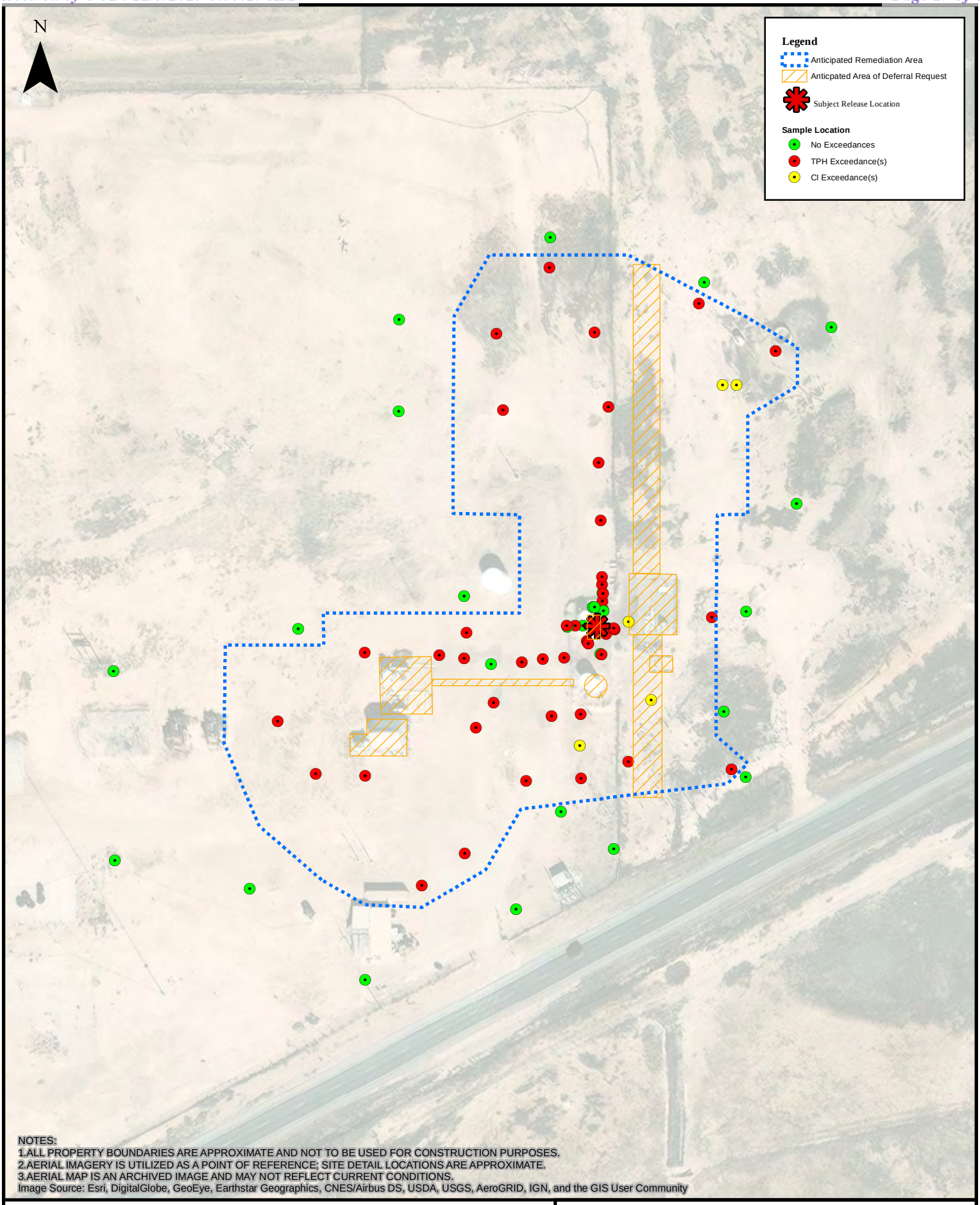
RANGER ENVIRONMENTAL SERVICES, LLC

0 35 70 140 210 280 Feet

Assessment Sample Location Map
(09/2024 - 04/2025)
DENTON GAS PLANT
LEA COUNTY, NM



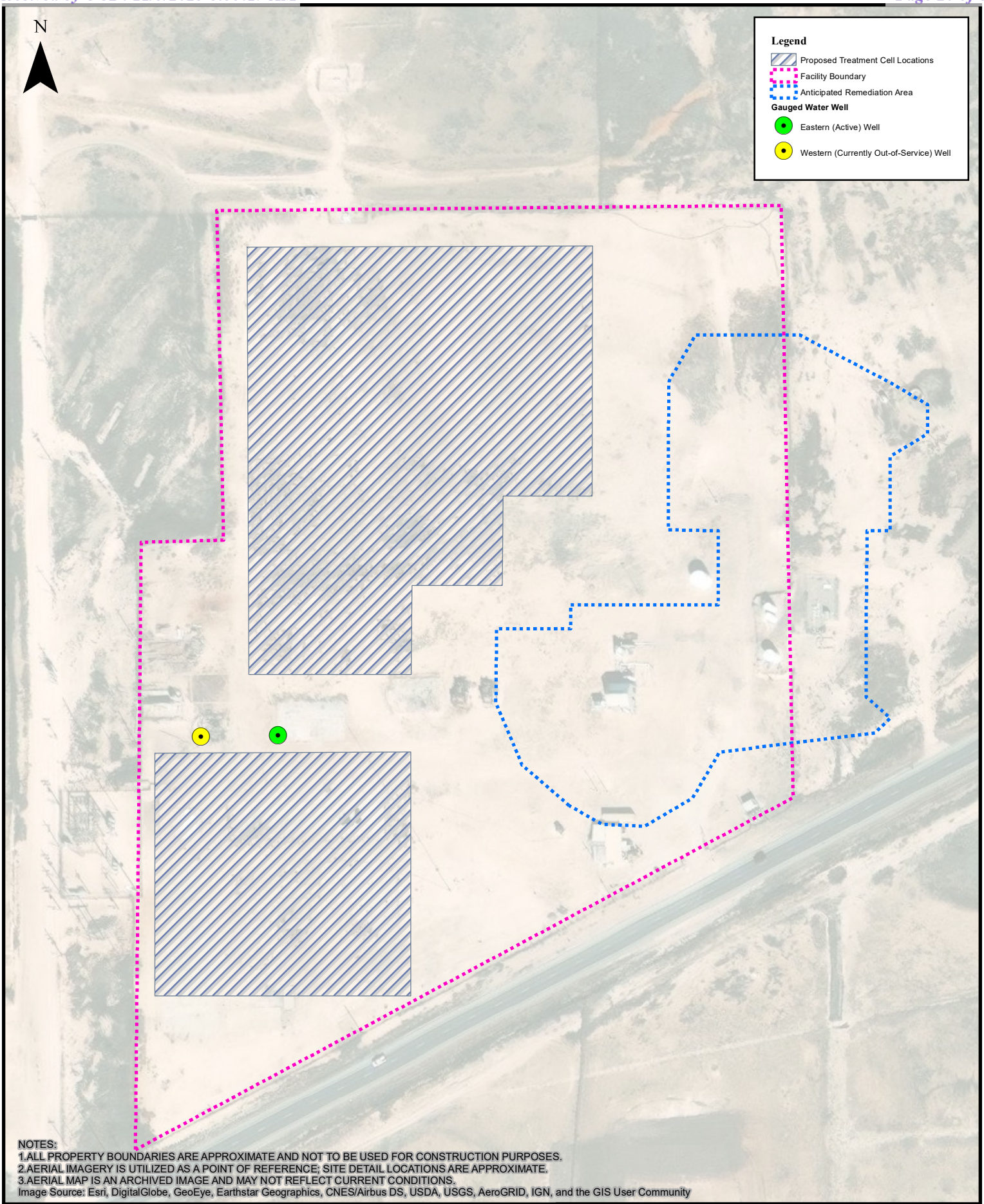
NOTES:
1.ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2.AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
Image Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RANGER ENVIRONMENTAL SERVICES, LLC

0 35 70 140 210 280 Feet

Proposed Remediation Area Map

DENTON GAS PLANT
LEA COUNTY, NM



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RANGER ENVIRONMENTAL SERVICES, LLC

0 50 100 200 300 400 Feet

Proposed Treatment Cell Location Map

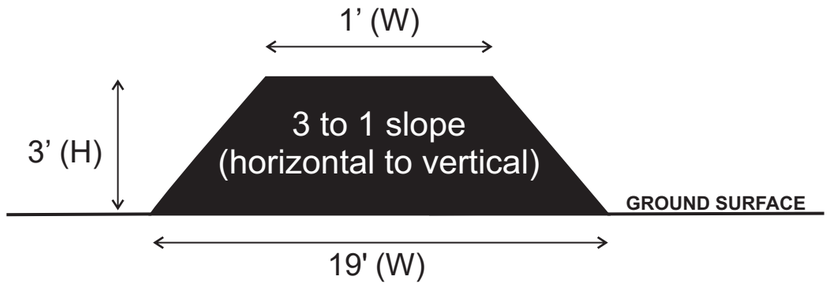
DENTON GAS PLANT
LEA COUNTY, NM

TREATMENT CELL CROSS SECTION

(NOT TO SCALE)

BERM CROSS SECTION

(NOT TO SCALE)



RANGER ENVIRONMENTAL SERVICES, LLC

PROPOSEDTREATMENT CELL
CROSS-SECTIONAL VIEW
DENTON GAS PLANT
DAVIS GAS PROCESSING

RANGER REFERENCE #6116

COMMENTS:

TABLES

Site Assessment Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300/SM 4500) Analytical Data

Tank Battery Area Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) 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
Initial Assessment Soil Samples (DGP Collected)													
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	1,270	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	1,928	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	1,726	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	1,822	2,020	228

SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) 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
RANGER COLLECTED SOIL SAMPLES													
Vertical Delineation Soil Samples													
SB-V1/2'	11/27/2023	2	<0.024	<0.049	0.054	0.12	0.174	20	2,300	560	**2,320**	**2,880**	370
SB-V1/4.25'	11/27/2023	4.25	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	720	350	720	1,070	320
SB-V2/3'	11/27/2023	3	0.45	0.11	17	2.2	19.76	760	1,100	4,100	**1,860**	**5,960**	170
SB-V2/4'	11/27/2023	4	0.093	<0.047	2.9	0.68	3.673	190	1,000	2,900	**1,190**	**4,090**	160
TH-V2/0	1/24/2024	0	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	380	1,200	380	**1,580**	---
TH-V2/6	1/24/2024	6	1.0	<0.25	14	1.4	16.4	700	1,100	4,600	**1,800**	**6,400**	---
TH-V2/8	1/24/2024	8	0.031	<0.049	1.1	0.47	1.601	160	210	750	370	1,120	---
Horizontal Delineation Soil Samples													
NORTH													
TH-N1/3'	9/4/2024	3'	0.057	<0.049	<0.049	<0.098	0.057	16	1,200	440	**1,216**	**1,656**	350
TH-N1/4'	9/4/2024	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	21	<48	21	21	240
TH-N2/2'	9/4/2024	2'	<0.024	<0.048	<0.048	<0.096	<0.10	12	4,900	3,800	**4,912**	**8,712**	190
TH-N2/4'	9/4/2024	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	150	65	150	215	140
TH-N3/1'	1/30/2025	1'	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	1,600	4,400	**1,600**	**6,000**	<60
TH-N3/4'	1/30/2025	4'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	190	680	190	870	<60
TH-N4.1/0	2/20/2025	0'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	31	200	31	**231**	<60
TH-N4.1/4	2/20/2025	4'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	110	160	110	270	<60
TH-N4N/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	231	399	231	**630**	16.0
TH-N4N/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	110	204	110	314	32.0
TH-N4A.1/0'	4/28/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	27.2	<20.0	27.2	16.0
TH-N4A.1/4'	4/28/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
TH-N3E/1'	1/30/2025	1'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.7	<48	<9.7	<48	**950**
TH-N3E/4'	1/30/2025	4'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	72	130	202	202	800
TH-N3E.1/0	2/20/2025	0'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.9	<50	<9.9	<50	**810**
TH-N3E.1/4	2/20/2025	4'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.8	<49	<9.8	<49	770
TH-N3E.2/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	158	135	158	**293**	48.0
TH-N3E.2/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	96.0
TH-N3E.2A/0'	4/28/2025	0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
TH-N3E.2A/4'	4/28/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	128
TH-N3E.3/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	181	98.9	181	**279.9**	48.0
TH-N3E.3/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	64.0
TH-N3E.3A/1'	4/28/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	48.0
TH-N3E.3A/4'	4/28/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.5	<10.0	20.5	20.5	192
TH-N3E.4/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	496
TH-N3E.4/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	416
TH-N3W/1'	1/30/2025	1'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	2,600	4,400	**2,600**	**7,000**	220
TH-N3W/4'	1/30/2025	4'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	860	1,400	860	2,260	240
TH-N3W.1/0	2/20/2025	0'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	10	<48	10	10	<60
TH-N3W.1/4	2/20/2025	4'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<10	<50	<10	<50	<59
TH-N4W.1/0	2/20/2025	0'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	47	180	47	**227**	<60
TH-N4W.1/4	2/20/2025	4'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.9	<9.4	<47	<9.4	<47	<60

SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) ANALYTICAL DATA
DAVIS GAS PROCESSING, INC.
DENTON GAS PLANT, LOVINGTON, LEA COUNTY, NEW MEXICO

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TH-N3W.2/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	10.1	<10.0	10.1	160
TH-N3W.2/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	110	40.3	110	150.3	128
SOUTH													
TH-S1/0	1/24/2024	0	<0.024	<0.047	<0.047	<0.094	<0.212	<4.7	60	170	60	230	110
TH-S1/3	1/24/2024	3	<0.024	<0.049	0.92	0.32	1.24	120	440	3,000	560	3,560	100
TH-S1/4	1/24/2024	4	<0.12	<0.24	3.5	0.61	4.11	260	170	370	430	800	130
TH-S1A/0	1/24/2024	0	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	41	58	41	99	4,600
TH-S1A/3	1/24/2024	3	<0.024	<0.049	<0.049	<0.098	<0.22	<4.9	<9.4	<47	<14.3	<61.3	620
TH-S1A/4	1/24/2024	4	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.5	<48	<14.2	<62.2	430
TH-S1B/3	1/24/2024	3	<0.024	<0.048	<0.048	<0.096	<0.216	14	1,300	410	1,314	1,724	110
TH-S1B/6	1/24/2024	6	<0.025	<0.050	<0.050	<0.099	<0.134	<5.0	<9.5	<48	<14.5	<62.5	250
TH-S1C/1	1/24/2024	1	<0.024	<0.049	<0.049	0.17	0.17	42	2,300	1,400	2,342	3,742	130
TH-S1C/4	1/24/2024	4	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	55	130	55	185	240
TH-S1CW/1	5/7/2024	1'	<0.025	<0.050	<0.050	0.39	0.39	52	1,100	4,100	1,152	5,200	87
TH-S1CW/4	5/7/2024	4'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.4	<47	<9.4	<47	<60
TH-S2 / 2'	5/7/2024	2'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.8	<49	<9.8	<49	81
TH-S2 / 4'	5/7/2024	4'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.7	<48	<9.7	<48	66
TH-S3/1'	1/30/2025	1'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	27	72	27	99	<60
TH-S3/4'	1/30/2025	4'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	36	130	166	166	<60
TH-SW4/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
TH-SW4/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
EAST													
SB-E1/1'	11/27/2023	1	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.3	<47	<9.3	<47	660
SB-E1/3'	11/27/2023	3	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	540
SB-E1A/0	1/24/2024	0	---	---	---	---	---	---	---	---	---	---	5,200
SB-E1A/1	1/24/2024	1	---	---	---	---	---	---	---	---	---	---	740
SB-E1A/4	1/24/2024	4	---	---	---	---	---	---	---	---	---	---	670
TH-E1/1	5/7/2024	1'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	42	320	42	362	<60
TH-E1/4	5/7/2024	4'	<0.025	<0.05	<0.05	<0.10	<0.1	<5.0	<8.8	<44	<8.8	<44	120
TH-E2/2'	9/4/2024	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	<60
TH-E2/4'	9/4/2024	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<49	<9.7	<49	73
TH-SE1/2	5/7/2024	2'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<10	<50	<10	<50	1,300
TH-SE1/3	5/7/2024	3'	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<9.5	49	<9.5	49	110
TH-SE1/4	5/7/2024	4'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.6	54	<9.6	54	400
TH-SE2 / 1'	5/7/2024	1'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	62	160	62	222	450
TH-SE2 / 4'	5/7/2024	4'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	27	74	27	101	370
TH-SE3/2'	9/4/2024	2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.5	<47	<9.5	<47	100
TH-SE3/4'	9/4/2024	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.9	<50	<9.9	<50	85
TH-SE4/1'	1/30/2025	1'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	33	190	223	223	<60
TH-SE4/4'	1/30/2025	4'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.4	<47	<9.4	<47	96
TH- SE4.1/0	2/20/2025	0'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.6	<48	<9.6	<48	<60
TH-SE4.1/4	2/20/2025	4'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.4	<47	<9.4	<47	<60

SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) ANALYTICAL DATA
DAVIS GAS PROCESSING, INC.
DENTON GAS PLANT, LOVINGTON, LEA COUNTY, NEW MEXICO

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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
WEST													
SB-W1/2'	11/27/2023	2	0.32	<0.47	2.1	6.2	8.62	230	6,700	3,100	**6,930**	**10,030**	460
SB-W1/4'	11/27/2023	4	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	15	<48	15	15	390
SB-W2/3'	11/27/2023	3	0.028	<0.047	0.62	0.67	1.318	78	3,100	1,100	**3,178**	**4,278**	170
SB-W2/3'	11/27/2023	4	0.044	<0.049	0.81	0.79	1.644	90	3,300	1,200	**3,390**	**4,590**	160
SB-W3/2'	11/27/2023	2	0.12	<0.24	1.6	<0.48	1.72	100	1,200	480	**1,300**	**1,780**	110
SB-W3/4'	11/27/2023	4	0.13	<0.048	1.1	0.26	1.49	70	880	450	950	1,400	120
TH-W4/3	1/24/2024	3	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	20	<47	20	20	200
TH-W4/4	1/24/2024	4	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	15	<50	15	15	180
TH-W4A/0	1/24/2024	0	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	120	380	120	**500**	470
TH-W4A/3	1/24/2024	3	<0.024	<0.049	<0.049	<0.098	<0.22	<4.9	560	1,400	560	**1,960**	110
TH-W4A/4	1/24/2024	4	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	200	240	200	440	93
TH-W4B/0	1/24/2024	0	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	160	830	160	**990**	110
TH-W4B/1	1/24/2024	1	<0.12	<0.24	0.52	1.9	2.42	88	380	1,400	468	**1,868**	120
TH-W4B/4	1/24/2024	4	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	14	<49	14	14	110
TH-W4A5/1	5/7/2024	1'	0.95	<0.050	0.19	0.19	1.33	38	820	3,500	858	**4,320**	380
TH-W4A5/4	5/7/2024	4'	<0.024	<0.048	0.066	0.27	0.336	14	590	340	604	944	260
TH-W4BN / 2'	5/7/2024	2'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	580	550	580	**1,130**	150
TH-W4BN / 4'	5/7/2024	4'	0.034	<0.048	<0.048	<0.096	0.034	17	35	<45	52	52	81
TH-W5/1	5/7/2024	1'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	2,000	2,200	**2,000**	**4,200**	420
TH-W5/4	5/7/2024	4'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.2	<46	<9.2	<46	220
TH-W6/3'	9/4/2024	3'	<0.024	<0.047	<0.047	<0.094	<0.10	<4.7	310	180	310	**490**	350
TH-W6/4'	9/4/2024	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.2	<46	<9.2	<46	410
TH-W7/2'	9/4/2024	2'	0.043	<0.050	<0.050	<0.10	0.043	<5.0	<9.2	<46	<9.2	<46	440
TH-W7/4'	9/4/2024	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.5	<48	<9.5	<48	330
TH-W8/1'	1/30/2025	1'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	12	<45	12	12	470
TH-W8/4'	1/30/2025	4'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.8	<49	<9.8	<49	410
TH-NW1/2'	9/4/2024	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	30	<47	30	30	250
TH-NW1/4'	9/4/2024	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	300	310	300	610	110
TH-SW1/2'	9/4/2024	2'	0.55	<0.048	0.052	0.41	1.012	28	67	120	95	**215**	190
TH-SW1/4'	9/4/2024	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	34	<43	34	34	150
TH-SW2/2'	9/4/2024	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	46	120	46	**166**	160
TH-SW2/4'	9/4/2024	4'	<0.023	<0.046	<0.046	<0.092	<0.10	<4.6	28	69	28	97	110

SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) 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
TH-SW3/1'	1/30/2025	1'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	24	<46	24	24	<60
TH-SW3/4'	1/30/2025	4'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	18	<50	18	18	<60
TH-WSW1/2'	9/4/2024	2'	<0.025	<0.049	<0.049	0.13	0.13	44	900	1,600	944	**2,544**	<60
TH-WSW1/4'	9/4/2024	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	58	190	58	248	<60
TH-WSW2/3'	9/4/2024	3'	<0.024	<0.048	<0.048	<0.097	<0.10	18	420	4,100	438	**4,538**	95
TH-WSW2/4'	9/4/2024	4'	<0.023	<0.046	0.059	0.26	0.319	180	2,200	21,000	**2,380**	**23,380**	<60
TH-WSW3/3'	9/4/2024	3'	0.054	0.058	<0.049	0.11	0.222	26	650	3,500	676	**4,176**	300
TH-WSW3/4'	9/4/2024	4'	0.061	0.14	<0.048	0.10	0.301	30	1,300	4,500	**1,330**	**5,830**	480
TH-WSW4/1'	1/30/2025	1'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.5	<47	<9.5	<47	60
TH-WSW4/4'	1/30/2025	4'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.3	<46	<9.3	<46	87
TH-WSW5/1'	4/14/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
TH-WSW5/4'	4/14/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW 51'-100')			**10**	**---**	**---**	**---**	**50**	**---**	**---**	**---**	**1,000**	**2,500**	**10,000**
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			**10^3**	**---**	**---**	**---**	**50^3**	**---**	**---**	**---**	**---**	**100^3**	**600**

Notes:

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

TANK BATTERY AREA 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-C40	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
TB-1/6'	7/17/2024	6'	<0.024	<0.049	<0.049	<0.097	<0.1	6.1	260	560	266.1	826.1	270
TB-2/6'	7/17/2024	6'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.5	<47	<9.5	<47	120
TB-3/6'	7/17/2024	6'	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	190	360	190	550	170
TB-4/6'	7/17/2024	6'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	23	<49	23	23	97
TB-5/6'	7/17/2024	6'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<10	<50	<10	<50	<60
TB-6/6'	7/17/2024	6'	<0.025	<0.050	<0.050	<0.099	<0.1	6.1	430	620	436.1	1,056.1	240
TB-7/6'	7/17/2024	6'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.3	<47	<9.3	<47	<60
TB-8/6'	7/16/2024	6'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	420	240	420	660	76
TB-9/6'	7/16/2024	6'	<0.025	<0.050	<0.050	<0.10	<0.1	8.5	740	480	748.5	1,228.5	160
TB-10/6'	7/16/2024	6'	<0.024	<0.048	<0.048	<0.097	<0.1	8.1	1,100	560	**1,108.1**	1,668.1	120
TB-11/6'	7/16/2024	6'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.4	<47	<9.4	<47	<60
TB-12/6'	7/16/2024	6'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.5	<48	<9.5	<48	<59
TB-13/6'	7/17/2024	6'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.8	<49	<9.8	<49	70
TB-14/3'	7/17/2024	3'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.4	<47	<9.4	<47	<60
TB-15/3'	7/17/2024	3'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.1	<46	<9.1	<46	<60
TB-16/3'	7/17/2024	3'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.9	<50	<9.9	<50	<60
TB-17/3'	7/17/2024	3'	<0.025	<0.050	<0.050	0.14	0.14	28	3,100	4,000	**3,128**	**7,128**	550
TB-18/3'	7/17/2024	3'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	240	330	240	**570**	**620**
TB-19/3'	7/17/2024	3'	0.093	0.099	2.8	9.4	12.932	430	640	490	**1,070**	**1,560**	410
TB-20/3'	7/17/2024	3'	0.049	<0.048	0.61	2.3	2.91	66	150	140	206	**346**	**1,100**
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW 51'-100')			**10**	**---**	**---**	**---**	**50**	**---**	**---**	**---**	**1,000**	**2,500**	**10,000**
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			**10^3**	**---**	**---**	**---**	**50^3**	**---**	**---**	**---**	**---**	**100^3**	**600**

Notes:

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

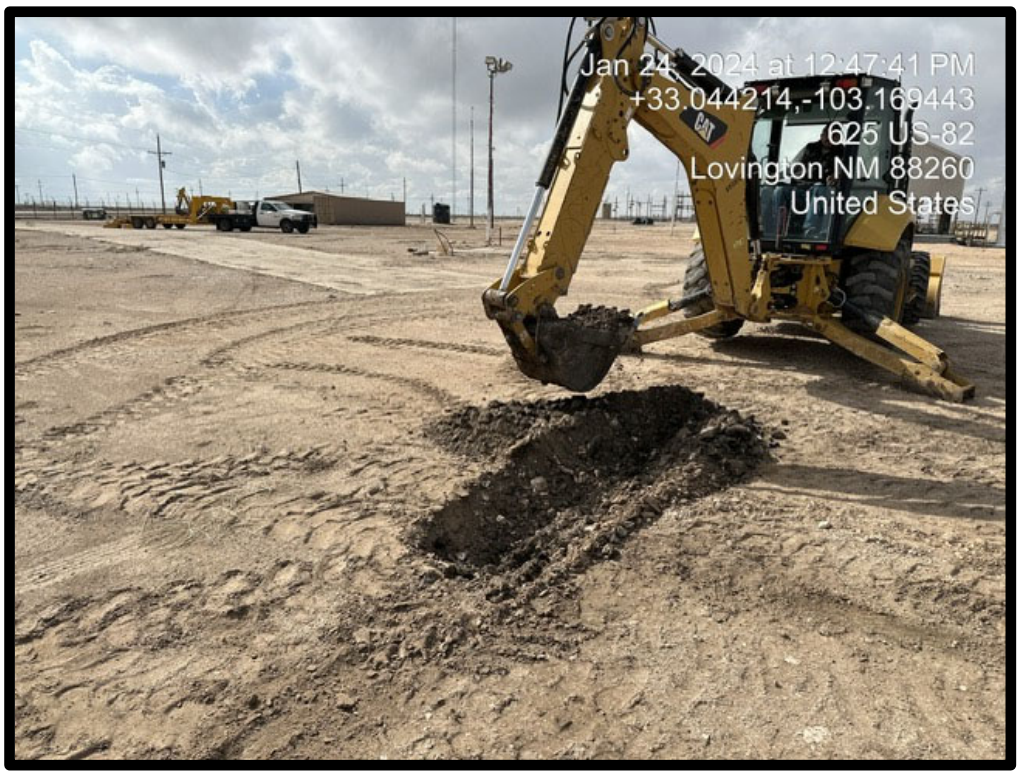
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

ATTACHMENT 1 – SITE PHOTOGRAPHS

PHOTOGRAPH NO. 1 – A view of the subject release area at the Site. The release occurred from a tank once situated in the left-hand side of the photograph where two tanks can now be seen. The view is towards the northeast.

PHOTOGRAPH NO. 2 – A general view of site during the November 2023 hand auger soil boring installation process. *(Approximate GPS Coordinates: 33.044433, -103.169513)*



PHOTOGRAPH NO. 3 – A view of the excavation test hole site assessment activities on January 24, 2024. The view is towards the southwest.

PHOTOGRAPH NO. 4 – A view of the excavation test hole site assessment activities on May 7, 2024. The view is towards the southwest.

PHOTOGRAPH NO. 5 – A view of the previously excavated tank battery area on July 17, 2024. The view is towards the northeast.

PHOTOGRAPH NO. 6 – A view of the excavation test hole site assessment activities on September 4, 2024. The view is towards the south.

(Approximate GPS Coordinates: 33.045095, -103.169456)

PHOTOGRAPH NO. 7 – A view of the excavation test hole site assessment activities on January 30, 2025.

PHOTOGRAPH NO. 8 – A view of the excavation test hole site assessment activities on February 20, 2025

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PHOTOGRAPH NO. 9 – A view of the site assessment activities on April 14, 2025.

PHOTOGRAPH NO. 10 – A view of Ranger personnel collecting depth-to-groundwater readings at the active on-site (eastern most) water well.

(Approximate GPS Coordinates: 33.044213, -103.171604)

PHOTOGRAPH NO. 11 – A view of Ranger personnel collecting depth-to-groundwater measurements from the on-site out-of-service (western) water well.
(Approximate GPS Coordinates: 33.044086, -103.171926)

PHOTOGRAPH NO. 12 – A view of the site assessment activities on April 28, 2025.

ATTACHMENT 2 – BIOREMEDIATION TREATMENT PRODUCT INFORMATION

Piranha® SDS And Product Sheet
Micro-Blaze® SDS And Product Sheet
Oil Kicker SDS
Pumper Spray SDS
Liquid Remediact® SDS And Product Sheet

Oppenheimer Biotechnology, Incorporated
PO Box 1490
Pflugerville, TX 78690

Piranha Safety Data Sheet

1. IDENTIFICATION

Product Name: **Piranha**
Product Type and Use: Biological remediation for hydrocarbons
Manufacturer: Oppenheimer Biotechnology Incorporated
PO Box 1490
Pflugerville, TX 78690
Contact: Telephone: (512) 474-1016
eFax: (512) 681-0367
Emergency Telephone: (512) 474-1016 9-4 CT

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

Eye Damage / Irritation	Category 2A
STOT-SE	Category 3
Carcinogenicity	Category 1A

Physical Hazard(s)
None

Hazard(s) not otherwise classified
Dust can cause mechanical irritation of skin and eyes

Labeling

Signal Word: **DANGER**
Pictograms: Exclamation Mark, Heath Hazard
Statements of Hazard

Hazard Statements
Causes serious eye irritation
Dust may cause respiratory irritation
May cause cancer if inhaled

Precautionary Statements
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned; get medical advice. Avoid breathing dust. Use outdoors or in a well ventilated area. Wash hands thoroughly after handling. Wear eye and face protection. Store in a well-ventilated area. Keep container tightly closed. Dispose of contents and container in accordance with applicable regulations. If exposed or concerned, if you feel unwell: Immediately get medical advice. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a physician if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Potassium Chloride	7447-40-7	5-10*
Sodium Nitrate	7631-99-4	1-5*
Crystalline silica, quartz	14808-60-7	0.1-1*
Ammonium Sulfate	7783-20-2	15-20*
Mixed microbe population	NONE	>=5

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Dust causes serious eye irritation and may cause respiratory irritation. Avoid breathing dust. Avoid eye contact. Keep container closed.
Inhalation: Remove to fresh air and keep comfortable for breathing. Call a physician if you feel unwell.
Skin Contact: Wipe excess from skin; remove contaminated clothing. Rinse skin with water or shower. Call a doctor if irritation develops and persists.
Eye Contact: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately all a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Suitable: Carbon Dioxide, Dry Chemical and Foam
Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.
Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire and Explosion Hazards: While not classified as an oxidizing solid, this product contains a material which is an oxidizer and may intensify fire.
Hazardous Combustion/ Decomposition Products: Ammonia, Metal Oxides, Oxides of carbon, nitrogen, potassium, phosphorous and sulfur. Chlorine gas. Toxic and corrosive hydrogen chloride.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Avoid creating dusty conditions. Ensure adequate ventilation. Use personal protective equipment. Spills can be extremely slippery.
Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Contain spillage. Use clean tools to collect absorbed material and transfer to a properly labeled container for reuse or disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING
Precautions for Safe Handling: Avoid eye contact. Use with adequate ventilation. Do not breathe dust. Follow all SDS/label precautions.
STORAGE
Conditions to avoid: To avoid caking, keep dry. Store between 40ºF and 100ºF in a well-ventilated place in the original container. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

	ACGIH		OSHA		NIOSH REL	
Component	**TLV ppm**	**TLV mg/m3**	**PEL Ppm**	**PEL mg/m3**	**ppm**	**mg/m3**
Nuisance Dust / PNOR	Not Est.	10*	Not Est.	5*/15**	Not Est.	Not Est.
Crystalline silica, quartz	Not Est.	0.025*	Not Est.	4.7*/14**	Not Est.	0.05*

* respirable fraction ** total dust
Engineering Controls: Use outdoors or with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.
Personal Protection
Respiratory Protection: Wear a dust mask. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator.
Hand / Skin Protection: Product can dry skin; For prolonged use, wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.
Eye / Face Protection: Face shield, safety glasses with side-shields. An eyewash station should be available to the area of use.
General Hygiene Measures: Avoid eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder with granules
Physical State:	Powder
Odor:	No data available
Color:	Light grey with reddish granules
Viscosity, cSt @ 40°C:	Not applicable
pH:	No data available
Boiling Point (°F):	No data available
Melting Point:	Not established
Flash Point:	Not applicable
Method:	Not applicable
Lower Explosive Limit, vol %:	Not established
Upper Explosive Limit, vol %:	Not established
Autoignition Temperature:	Not applicable

Volatile by volume (%):	<1
Vapor Density (Air=1) :	Not established
Evaporation Rate (BuAc=1) :	Not established
Vapor Pressure, mmHg @23°C:	Not established
Solubility in water:	Appreciable
Octanol/Water Partition (log Kow)	Not established
VOC Content (g/L) (%):	0 (0)
Specific Gravity @ 22.2°C:	Not applicable
Relative Density:	0.9-1.4 g/cm^2
Pour Point:	Not applicable
Non-volatile by Volume (%):	>99
Dielectric Strength (KV):	Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.
Conditions to Avoid: Do not store in moist environments.
Hazardous Polymerization: Will not occur.
Materials to Avoid: Strong oxidizing and reducing materials. Reactive metals including aluminum and magnesium. Do not add primary or secondary amines. A nitrosamine, which may cause cancer, may be formed. Hot nitric acid, bromine trifluoride/ potassium permanganate/sulfuric acid.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Product Information: Not established
Ingredient Information
Potassium Chloride: Orl-rat LD50: >2,600; Orl-mse LD50: >1,500
Sodium Nitrate: Orl-rat LD50: >2000 mg/kg: Skn-rat LD50: >5000 mg/kg; Ihl-rat LC50: >0.527 mg/L 4 hr.; Eye-rbt OECD 405: Irritant
Crystalline silica, quartz: Carcinogenicity: IARC 1, ACGIH A2, Known to be a human carcinogen, NIOSH Carcinogen
Ammonium Sulfate: Orl-rat LD50: 2,840-4,250 mg/kg; Skn-rbt LD50: >2,000 mgkg;
Acute Effects
Signs and Symptoms of Overexposure: Severe Eye Irritation, Coughing, Sneezing
Inhalation: Dust may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing.
Skin Contact: Prolonged exposure may dry skin seen as dryness and redness.
Eye Contact: Causes serious eye irritation seen as stinging, tearing and redness.
Ingestion: May cause nausea, vomiting and diarrhea.
Primary Route(s) of Exposure: Eyes, Skin, Inhalation
Primary Route(s) of Entry: Inhalation, Ingestion
Target Organs: Eyes, Skin, Lungs
Chronic Effects: Excessive exposure to crystalline silica can cause silicosis, a non-cancerous lung disease.

Carcinogenicity: May cause cancer. Risk of cancer depends on duration and level of exposure.
Medical Conditions Aggravated by Exposure: May aggravate existing skin, eye and respiratory conditions including asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not biodegradable. Does not bioaccumulate.
Ingredient Data
Potassium Chloride: Toxicity to Fish: Lepomis macrochirus LC50 - 2010 mg/l, Physa heterostrapha LC50 - 940 mg/l, Toxicity to Algae: Scenedesmus subspicatus EC50 - 2500 mg/l
Sodium Nitrate: Toxicity to Fish: Freshwater LC50 6000 mg/L 96 hr.; Marine: LC50 4400 mg/kL 96 hr.; Toxicity to Daphnids: Daphnia Magna EC50: 8600 mg/L 24 hr.; Toxicity to Algae: EC50 >1700 mg/L 10 d
Crystalline silica, quartz: Not expected to be harmful to aquatic organisms. Discharge into waste waters may increase total suspended particulate (TSP) levels that can be harmful to certain aquatic organisms.
Ammonium Sulfate: Toxicity to Fish: LC5O Atlantic Salmon: 306817 ug/L; Toxicity to Daphnids: LC5O Daphnia magna: 218,400 ug/L
Elimination Information: Nitrate has low potential for adsorption. Portion not take up by plants can leach to groundwater. Excess nitrate leaching may enrich waters leading to eutrophication. Dissolution of large quantities of chloride salts in water may create an elevated level of salinity which can be harmful to fresh water aquatic species and to plants that are not salt tolerant.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of contents in accordance with applicable regulations.
Container: Empty remaining contents. Empty containers can be recycled or discarded as solid waste.

14. TRANSPORT INFORMATION

Road Transport
DOT Hazard Class: Non-Hazardous/ Non-Restricted

Sea Transport
IMDG/GGV See Class: Non-Hazardous/ Non-Restricted

Air Transport
ICAO/IATA Class: Non-Hazardous/ Non-Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations
Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory, or are not required to be listed on the TSCA inventory.
US EPCRA (SARA Title III) Section 304 - Extremely Hazardous Spill: Reportable quantity: Not regulated.
US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Crystalline silica.
Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
Yes	Yes	No	No	Yes

US State Right-to-Know Regulations
US California Proposition 65: Contains chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

16. OTHER INFORMATION

Prepared by: Oppenheimer Biotechnology, Incorporated Technical Services Department
Issue Date: 4/16/2018 Supersedes: 2/28/2018

National Fire Protection Association (704)
Health: 2 Flammability: 1 Reactivity: 0 Other:

This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk. National Fire Protection Association, Quincy, MA 02269.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: Oppenheimer Biotechnology, Incorporated.

Oppenheimer
Biotechnology Inc.

Piranha Product Datasheet

Designed for use on soil or hard surfaces where oil, grease or fuel has been spilled.

Products Facts

- ✓ Concentrated gray powder
- ✓ Naturally occurring
- ✓ Archaea bacteria blend
- ✓ Organic and non-toxic
- ✓ Five year+ shelf life
- ✓ Hydrophobic
- ✓ Aerobic/Facultative
- ✓ Certified pathogen FREE
- ✓ Activated by
  - o fresh, salt or brackish water.
- ✓ Salinity tolerance
  - o up to 24%
- ✓ Temperature range
  - o 32F-120F
- ✓ pH tolerance
  - o 5.5-10.0
- ✓ Not freeze dried or GMO

Piranha

Works on

- ❖ Crude Oils
- ❖ Refined Fuels
- ❖ Refined Oils
- ❖ Hydraulic Fluids
- ❖ Home Heating Oils
- ❖ Wet / Dry Waste Drill Cuttings

Product /Technical Support

As the manufacturer of this product we take pride in producing a quality product. We believe that our success is due to the importance that we place on making excellent products along with our technical support of these products.

Phone 512.474.1016
Email: obiotech@obio.com

Piranha contains a special blend of macro and micro nutrients and naturally occurring oil degrading microbes that are blended into a dry absorbent powder.

These microbes have been selected for their large appetite to consume and convert fuels and oils, both biochemically and physically.

This combination works together to quickly eliminate and destroy hydrocarbon spills. Allowing you to quickly treat spills in place, saving time and money.

In order to work this product needs to come into contact with the spilled material. This is a key point to remember in order to achieve successful results. The newer or fresher the spilled material the faster the cleanup time.

When Piranha is applied to a spill,

1. It immediately contains and locks up the spilled material.
2. Adding water activates the microbes.
3. The nutrients turbo charge the microbes to quickly breakdown, degrade, and then convert spills into non-toxic byproducts.

For example - if spilled material is deeper than 6 inches in the soil and you have applied Piranha on the surface, you will need to dig up or rake to blend everything together. The addition of a neutral pH based detergent can help to emulsify the oil, allowing the product to be able to break it down at a faster rate.

Recommended Product Application Rate

2 to 3 pounds of product per cubic yard or 27 square yards.

Recommended Application Method

Step One: Broadcast or sprinkle enough Piranha onto the spill to completely cover the affected area. This locks the spilled material physically into the product. Let sit in place a few minutes.

Step Two: Add water - approximately 10% of moisture. The addition of water activates the product. A light spraying with a garden hose works well. The moisture content does not have to be exactly at 10%. If it rains after application it's not a problem. The product will stay locked into the spilled material and continue to work.

Step Three: Unless the spill is less than 6 inches deep, you will need to dig up or rake to mix the product and the spilled materials together. This is to ensure that the microbes come into contact with the material they are degrading.

Depending upon the starting level of total petroleum hydrocarbons you may need to reapply the product in a couple of weeks to achieve the best results.

The active ingredient in Piranha is the Oppenheimer Formula which is listed on the U.S. Environmental Protection Agency's NCP Product Schedule. This listing does NOT mean the EPA approves, recommends, licenses, certifies, or authorizes the use of The Oppenheimer Formula on an oil discharge. This listing means only that data have been submitted to EPA as required by subpart J of the National Contingency Plan, Sec 300.915.

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

1. IDENTIFICATION OF THE SUBSTANCE

Product identifier

Product Name:	Micro-Blaze® Emergency Liquid Spill Control
Product Code:	MBELSC

Recommended use of the chemical and restrictions on use

Recommended Use:	Bioremediation/cleaning
Uses advised against:	Please refer to Product Data Sheet

Details of the supplier of the Safety Data Sheet

Contact Manufacturer:	Verde Environmental, Inc. 9223 Eastex Freeway Houston, TX USA 77093
Information Telephone Number:	1-713-691-6468
Emergency Telephone Number:	1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the product is in accordance with 29CFR 1910.1200

Acute toxicity – Oral	Category 5
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1

Label elements

Emergency Overview

Warning

Hazard statements
May cause an allergic skin reaction
Causes serious eye irritation
May be harmful if swallowed

Appearance: Opaque **Physical State:** Liquid **Odor:** Slight fermentation odor

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

Precautionary Statements – Prevention
Wear eye/face protection. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray.

Precautionary Statements – Response

Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Skin	IF ON SKIN: Gently wash with plenty of soap and water
Inhalation	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements – Storage
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Precautionary Statements – Disposal
Dispose of unused product and container in accordance with all applicable local and regional requirements

Hazards not otherwise classified (HNOC)
Not applicable

Other information

Health Hazard	1
Fire Hazard	0
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Weight - %
Water and Proprietary Viable Spore Forming Cultures	> 80
Proprietary blend of Ethoxylated Alcohols and other Organic materials	3 – 9
Additives	2 - 5

4. FIRST AID MEASURES

First aid measures

Micro-Blaze Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Skin Contact	Wash off immediately with soap and plenty of water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water

Most important symptoms and effects, both acute and delayed

Main symptoms	No information available

Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Specific Hazards Arising from the Chemical
No information available

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Ensure adequate ventilation

Environmental precautions

Environmental Precautions	It is not anticipated to be hazardous for the environment

Methods and material for containment and cleaning up

Methods for Clean-up	Pick up and transfer to properly labeled containers

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place
Packaging Material	There could be many packaging types for the product. The details are given in other Verde Environmental, Inc. documents
Incompatible Materials	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye Protection	Avoid contact with eyes
Skin and body protection	No special technical protective measures are necessary
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Tan, Opaque
Odor	Pleasant (perfume)
Odor Threshold	No information available

Property	**Values**
pH	7.0 – 8.0
Melting/freezing point	freeze at 0°C/32°F
Evaporation rate VALUE	No information available
Flammability (solid, gas)	Not flammable
Burning rate 100mm VALUE	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Water solubility	99%
Solubility in other solvents	No information available
Partition Coefficient (n-octanol/water)	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity of product	No information available
Viscosity	No information available

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening Point	No information available
VOC Content	No information available
Density	No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions

Possibility of Hazardous Reactions
None under normal processing

Conditions to avoid
Extremes of temperature and direct sunlight

Incompatible materials
Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

Hazardous Decomposition Products
No information available

11. Toxicological Information

Information on likely routes of exposure

Inhalation	There is no data available for this product
Eye contact	Avoid contact with eyes. Severely irritating to eyes
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Ingestion may cause stomach discomfort

Information on toxicological effects

Symptoms	No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

Sensitization	May cause sensitization of susceptible persons
Mutagenic Effects	No information available
Reproductive Effects	No information available
Specific target organ systemic toxicity	No information available
Aspiration hazard	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Dahnia, acute	Algae, acute	Fish, acute
Proprietary blend of Ethoxylated Alcohols	EC50 (48 hours): 5-10 mg/l	EC50 (72 hours): 10- 100 mg/l	LC50: 1-10 mg/l

Persistence/Degradability
The organic components of the product are biodegradable.

Bioaccumulation/Accumulation

Chemical Name	Persistance and degradability	log Pow
Proprietary blend of Ethoxylated Alcohols	Readily biodegradable (OECD TG 301B	<0

Other adverse effects
No known effect

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method	Dispose of contents/container in accordance with local regulation
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

Transport regulations:	No dangerous goods according to transport regulations No special precautions required
Transport hazard class(es):	N/A
Packing group:	N/A
Environmental hazards:	N/A

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

15. REGULATORY INFORMATION

International Inventories
Legend:
TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

State Right-to-Know
U.S. EPA Label Information
EPA Pesticide Registration Number Not Applicable

Canada

WHMIS Statement This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Micro-Blaze
Microbial Products

Safety Data Sheet
Micro-Blaze® Emergency Liquid Spill Control

16. OTHER INFORMATION

Revision date: 01.22.2021
Revision Summary

No information available

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Verde Environmental, Inc., it is the responsibility of the customer to determine the conditions of safe use of this preparation.

Micro-Blaze®
MICROBIAL PRODUCTS

Micro-Blaze®

Emergency Liquid Spill Control

PRODUCT INFORMATION

EMERGENCY LIQUID SPILL CONTROL (ELSC)

Micro-Blaze®

Emergency Liquid Spill Control

Micro-Blaze® Emergency Liquid Spill Control is a safe, non-toxic, microbial formulation used for the bioremediation of hydrocarbons and other organic compounds. It breaks down, degrades, and digests organic waste while also suppressing vapors and eliminating flammability. The proprietary combination of wetting agents, nutrients, and microbes makes it an ideal formulation for use on many pollutants found in spills and contaminated sites.

Our microbes are naturally occurring, not genetically engineered, and found in soils and waters all over the earth. These microbes have been carefully researched, tested, and chosen for their affinity to degrade hydrocarbons and other organic waste.

USES

- Clean up hydrocarbon spills/leaks
- Soil bioremediation
- Vapor suppression
- Equipment, tank, and pipeline cleaning

BENEFITS

- Safe and cost-effective method for in-situ bioremediation of contaminated soils and water
- Elimination of vapors and LELs, creating a safe working environment
- Residue and runoff can be safely sent to industrial and municipal WWTPs
- 10-year shelf life and easy to use concentrate make it convenient to maintain on hand for future emergencies or everyday usage
- Listed on EPA NCP List as a bioremediation agent for 30 years*

** This listing does not mean the EPA approves, recommends, licenses, certifies or authorizes the use of Micro-Blaze® Emergency Liquid Spill Control or any other product on an oil discharge. This listing only means that data has been submitted to EPA as required by subpart J of the NCP §300.915.*

REMEDIATES (LIST NOT EXHAUSTIVE)

- Acetone
- Acrylonitrite
- AFFF Waste
- Anti-Freeze
- Aviation Fuels
- Benzene & Benzene Compounds
- Crude Oil
- Diesel Fuel
- Dimethylformanide
- Fats
- Gasoline
- Grease
- Glycols
- Hydrocarbon Waste
- Kerosene
- Methanol
- Methyl Tertiary Butyl Ether (MTBE)
- Motor Oil
- Odor
- Organic Chemical Waste
- Organic Waste
- Paint Sludge
- Pipeline Condensation
- Polyurethane Resin Waste
- Sludge
- Toluene

Product Details

Appearance:
Cream to tan, opaque liquid, perfumed

pH:
7.0 - 8.0

Shelf Life:
10 Years

Storage:
Avoid temperatures over 48°C for long periods of time. Avoid prolonged freezing.

CAUTION: KEEP OUT OF REACH OF CHILDREN. Do not take internally. Avoid contact with eyes. Wash thoroughly after handling. Avoid breathing mist. Contains surfactants (soaps) which may irritate eyes or respiratory system. Use with adequate ventilation.

APPLICATION

Micro-Blaze® is a liquid concentrate and must be diluted before application.

DILUTION
Dilute with water between a 3% solution (3 parts Micro-Blaze®, 97 parts water) and a 10% solution (10 parts Micro-Blaze®, 90 parts water). Shake well before dilution and before application.

APPLICATION
Spray the diluted Micro-Blaze® directly onto the contamination with as much agitation as possible until the area is completely saturated. You can use any delivery system/sprayer, such as hand-held sprayers, fire extinguishers, power washers, CAFS systems, and water trucks.
For soil remediation, tilling the soil after application will help in achieving optimal results, though it is not required where not feasible.

HOW MUCH MICRO-BLAZE® DO I NEED?
1 gallon of Micro-Blaze® concentrate, after diluted, will treat either of the following:

- 10 gallons of spilled contamination
- 500 – 700 square feet of contaminated surface
- 5 – 7 cubic yards of contaminated soil

Contact a Micro-Blaze® sales representative for any additional application questions:
technical@micro-blaze.com

PRODUCT SIZES & SPECS

1 Gallon Pail

SKU	MBELSC-1
Dimensions	8"x8"x12"
Weight	9lbs

5 Gallon Pail

SKU	MBELSC-5
Dimensions	12"x12"x15"
Weight	47 lbs
	36 pails /pallet

55 Gallon Drum

SKU	MBELSC-55
Dimensions	24"x 24"x35"
Weight	500 lbs
	4 drums/pallet

275 Gallon Tote

SKU	MBELSC-275
Dimensions	40"x48"x45"
Weight	2,500 lbs

330 Gallon Tote

SKU	MBELSC-330
Dimensions	40"x48"x54"
Weight	3,000 lbs

RELATED PRODUCTS:

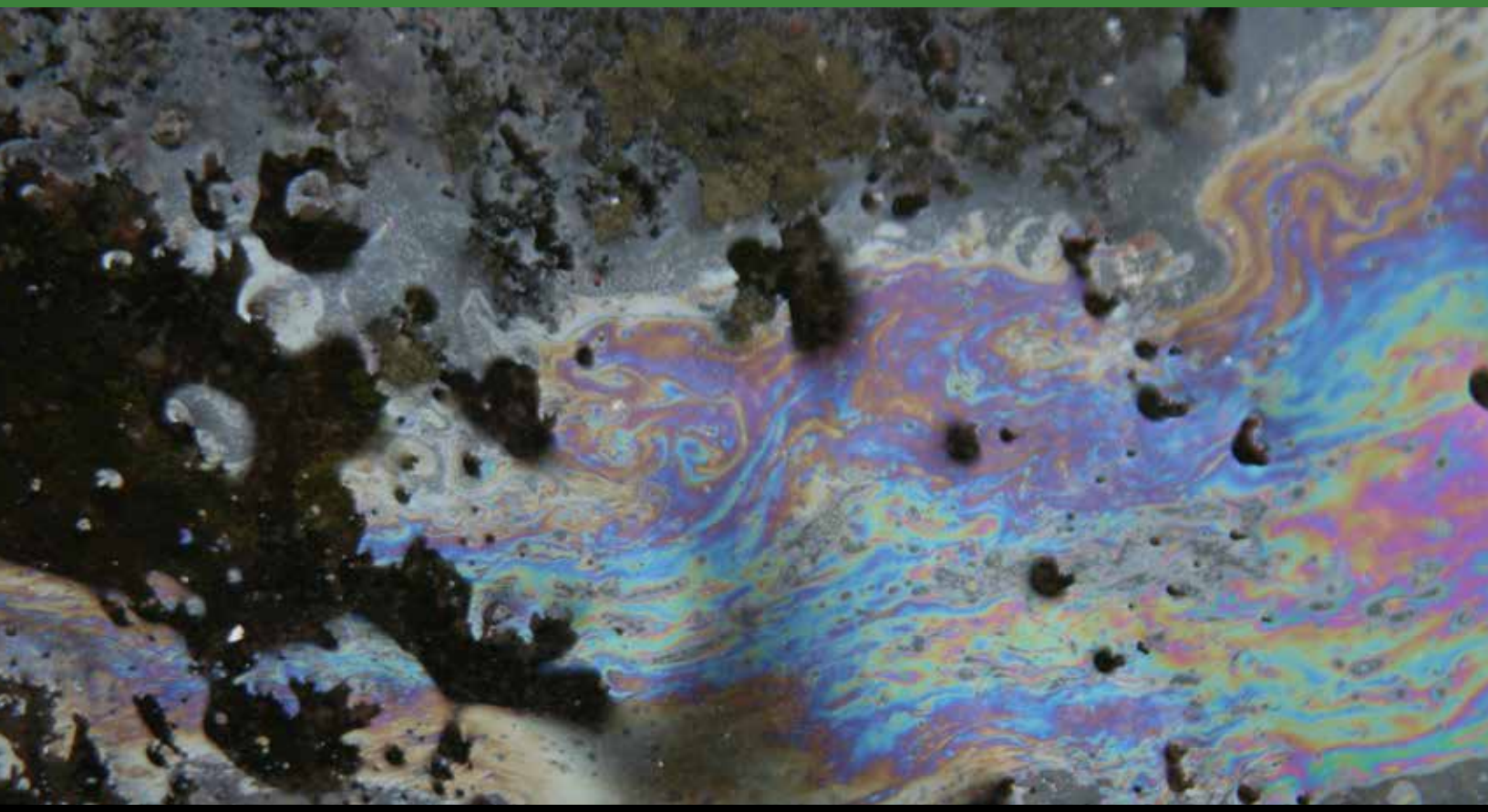
CONCRETE STAIN REMOVER (CSR)

NON-FORMULATED

SCAN FOR MSDS FOR ALL PRODUCTS

PARTNERING WITH NATURE

FOR A CLEANER TOMORROW



Verde Environmental, Inc.
9223 Eastex Freeway
Houston, TX 77093

Office: 713.691.6468
Toll Free: 800.626.6598

www.micro-blaze.com

Version 0522

Charger Environmental, LLC
SAFETY DATA SHEET
Oil Kicker, Hydrocarbon Remediation
Revision Date 20-July-2023

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier
Trade name: Oil Kicker, Hydrocarbon Remediation

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: Soil Additive.
Uses advised against: All other uses.

1.3 Details of the supplier of the Safety Data Sheet
Charger Environmental, LLC
23 W. Industrial Loop
Midland, Texas 79701,
USA

Phone: 432-288-4101

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to o OSHA Hazardous Communication Standard 29 CFR 1910.1200.
Acute toxicity (oral), category 4
Skin irritation, category 2
Eye damage, category 1

2.2 Label elements
Labelling according to OSHA Hazardous Communication Standard 29 CFR 1910.1200.

Signal word: Danger

Hazard statements:
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements:
P264 – Wash hands thoroughly after handling.
P280 – Wear eye protection.
P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302 + P352 – IF ON SKIN: Wash with plenty of water/soap.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P337 + P313 – If eye irritation persists: Get medical advice/ attention.
P501 – Dispose of contents/container to national/local/international regulations.

2.3 Other hazards
None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product does contain hazardous chemicals according to the OSHA Hazardous Communication Standard 29 CFR 1910.1200.

Hazardous ingredients:

Name	CAS No.	GHS classification	% (w/v)
Corn Cobb Grit	999999-85-4	Not classified.	30 – 40
Disodium Carbonate, compound with hydrogen peroxide	15630-89-4	Acute Tox. 4, H302 Eye Dam. 1, H318	20 – 30
Potassium Chloride	7447-40-7	Not classified.	10 – 20
Sodium carbonate	497-19-8	Eye Irrit. 2, H319	6 – 10
Disodium metasilicate	6834-92-0	Skin Corr. 1B, H314 STOT SE 3, H335	1 – 3
Alcohols, C12-16, Ethoxylated	68551-12-2	Eye Dam. 1, H318	0.5 – 1.5

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation: Move to fresh air. If any signs or symptoms occur, seek medical advice.

Following skin contact: Wash off with soap and plenty of water. Consult a physician.

Following eye contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Check for contact lenses, and remove if present and easy to do so. Keep on flushing the eyes. If eye irritation occurs, seek medical advice.

Following ingestion: Never give anything orally to unconscious persons. Do not induce vomiting unless directed so by medical personnel. Rinse mouth with water. If symptoms occur, seek medical advice.

Protection of first aider: No data available.

4.2 Most important symptoms and effects

Following inhalation: High inhalation exposure can exert mechanical irritations of the mucosa of the respiratory tract.

Following skin contact: Skin irritant. Contact may cause redness, itching, burning and skin damage.

Following eye contact: Contact causes eye damage.

Following ingestion: Nausea, vomiting, diarrhoea, abdominal pain, hypotension, haematemesis, fever. Lack of symptoms within the first 6 hours makes significant toxicity unlikely.

4.3 Indication of any immediate medical and special treatment
The physician may contact the national poison centre for advice.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media: No data available.

5.2 Specific hazards arising from mixture
No data available.

5.3 Advice for fire fighters

Special protective equipment for firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

5.4 Other information
No other information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment, i.e. gloves, protective clothing and eye/face protection, and respiratory protection in poorly ventilated places or in case of dust/aerosol formation (see section 8). Minimize exposure.

6.2 Environmental precautions
Do not allow to enter drains or waterways. Waste or contaminated material must be adequately labelled and disposed of in accordance with the local/national regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Contain the source of the spill if possible and safe to do so. Collect the spill using water and absorbent material. Clean the area of and around the spill thoroughly.

Large spills: Evacuate non-emergency personnel immediately from the affected area. Cleaning of larger spill should only be performed by properly trained personnel.

6.4 Reference to other sections
No data available,

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin, eyes and clothing by using personal protective clothing and equipment. Keep away from open flames and other sources of ignition. Avoid release into the environment.
Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

Incompatible materials: See section 10.

7.3 Specific end uses
See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Control parameters according to the local regulations should be taken into account.

8.2 Exposure controls

Engineering controls:
Avoid contact with skin, eyes and clothing. Wash hands before any interruption of work, and after using the product. Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

Personal Protective equipment:

Hand: Impervious gloves (e.g. nitrile rubber of PVC). Do not reuse gloves and dispose of immediately after contamination.

Skin: Protective clothing (e.g. lab coats or uniforms). Take off contaminated clothing and wash before reuse.

Eye: Safety glasses or goggles.

Respiratory: In case of inadequate ventilation and/or risk of dust formation, respiratory protection is highly recommended.

Other measures: No statement available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Colour:	Faint yellow
Odour:	Odorless
Odour threshold:	No data available
pH:	No data available
Melting point/range:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	Product is non-flammable
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative Density:	No data available
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	Product is not self-igniting
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Stable product under recommended storage and handling conditions.

10.2 Chemical stability
Stable product under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions
Stable under recommended storage and handling conditions.

10.4 Conditions to avoid
Heating may generate the following products: Toxic gases or vapours.

10.5 Incompatible materials
Strong oxidising agents.

10.6 Hazardous decomposition products
In case of fire: see section 5.2
No other data available.

SECTION 11: TOXICOLOGICAL INFORMATION

General information:

The information in this section primarily refers to the potential hazards of the individual ingredients; the toxicological properties of the mixture have not been investigated. Unless indicated otherwise, toxicological effects were measured by the appropriate OECD methods. In cases where (a lack of) data excludes classification of one of the ingredients, this ingredient is left out of the (sub)sections below.

11.1 Information on toxicological effects

Acute Toxicity:
Harmful if swallowed.

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye damage.

Respiratory or skin sensitisation:
No statements available for any of the ingredients.

Germ cell mutagenicity:
No statements available for any of the ingredients.

Carcinogenicity:
This product does not contain known human carcinogens.

Reproductive toxicity:
No statements available for any of the ingredients.

STOT – single exposure:
No statements available for any of the ingredients.

STOT – repeated exposure:
No statements available for any of the ingredients.

Aspiration hazard:
No statements available for any of the ingredients.

Likely route(s) of exposure:
Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

SECTION 12: ECOLOGICAL INFORMATION

General information:
No statements available for any of the ingredients

12.1 Toxicity
No statements available for any of the ingredients

12.2 Persistence and degradability

Physical- and photochemical elimination:
No statements available for any of the ingredients.

Biodegradation:
No statements available for any of the ingredients.

12.3 Bioaccumulative potential
No statements available for any of the ingredients.

12.4 Mobility in soil

Known/Predicted environmental distribution:
No statements available for any of the ingredients

Surface tension:
No statements available for any of the ingredients.

Adsorption/Desorption:
No statements available for any of the ingredients.

12.5 Results of PBT and vPvB assessment
This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No statements available for any of the ingredients.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product:
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Waste material:
Dispose according to Federal, State, Provincial and Local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number
ADR/RID/IDMG/IATA: Non-regulated

14.2 UN proper shipping name
ADR/RID/IDMG/IATA: Non-regulated

14.3 Transport hazard class(es)
ADR/RID/IDMG/IATA: Non-regulated

14.4 Packing group
ADR/RID/IDMG/IATA: Non-regulated

14.5 Environmental hazards
ADR/RID/IDMG/IATA: Non-regulated

14.6 Special precautions for user
No statements available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable, as product is not shipped in bulk.

SECTION 15: REGULATORY INFORMATION

International Inventories
TSCA: Complies
DSL: No components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

US Federal Regulations
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Acute health hazard: Yes
Chronic Health Hazard: No
Fire hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Canada
WHMIS Hazard Class
Not determined.

SECTION 16: OTHER INFORMATION

Complete text of Globally Harmonized System of Classification and Labelling of Chemicals hazard statements as listed in section 3:

H302 – Harmful if swallowed.
H314 – Causes severe skin burns and eye damage.
H315 – Causes skin irritation.
H318 – Causes serious eye damage.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.

Further information
The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.

Tejas Remedial Technologies

SAFETY DATA SHEET

Pumper Spray

Revision Date 09-April-2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Trade name: Pumper Spray
Brand: Pumper Spray

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Spray.
Uses advised against: All other uses.

1.3 Details of the supplier of the Safety Data Sheet

Tejas Remedial Technologies
23 W. Industrial Loop
MIdland, Texas, 79701,
USA

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This product is classified as non-hazardous according to OSHA Hazardous Communication Standard 29 CFR 1910.1200.

2.2 Label elements

This product does not require specific labelling according to OSHA Hazardous Communication Standard 29 CFR 1910.1200.

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain hazardous chemicals according to the OSHA Hazardous Communication Standard 29 CFR 1910.1200.

Hazardous ingredients:

Name	CAS No.	GHS classification	% (w/v)
Water	7732-18-5	Not classified.	80 – 90
Ammonium Lauryl Sulfate	2235-54-3	Skin Irrit. 2, H315 Eye Irrit. 2, H319	2 – 6
Proprietary blend of Ethoxylated Alcohols and other Oganic Materials	Proprietary	Not classified.	0.1 – 0.6

The percentages (concentration) of composition have been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation: If respiratory irritation occurs, remove individual to fresh air.

Following skin contact: If Irritant, discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.

Following eye contact: Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician.

Following ingestion: After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

Protection of first aider: Not applicable.

4.2 Most important symptoms and effects

Symptoms: The known symptoms and effects are described in section 2.2 of this SDS.

Risks: Untreated symptoms may result in additional health risks.

4.3 Indication of any immediate medical and special treatment
The physician may contact the national poison centre for advice.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media: No data available.

5.2 Specific hazards arising from mixture
Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for fire fighters

Special protective equipment for firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

5.4 Other information
No other information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 NOTES FOR NON-EMERGENCY PERSONNEL: Avoid contact with eyes.

6.2 Environmental precautions: Keep away from drains, surface and ground water, and soil.

Notes for those trained to participate in an emergency:

6.3 ACCIDENTAL RELEASE MEASURES: Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Recommendations for personal protective equipment selection are noted above. Dispose in accordance with section 13 of this document.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep out of reach of children. Avoid prolonged contact with eyes. Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: See section 10.

7.3 Specific end uses
See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

8.2 Exposure controls

Engineering controls:
No data available.

Personal Protective equipment:

Hand: No special protective equipment required.

Body protection: No special protective equipment required.

Eye: No special protective equipment required.

Respiratory: No special protective equipment required.

Other measures: No statement available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Light pink
Odor:	Soap
Odor threshold:	No data available
pH:	No data available
Melting point/range:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative Density:	No data available
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None known.

10.4 Conditions to avoid
No data available.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
In case of fire: see section 5.2
No other data available.

SECTION 11: TOXICOLOGICAL INFORMATION

General information:
This product does not contain known human carcinogens.

11.1 Information on toxicological effects

Acute Toxicity:
No statements available for any of the ingredients.

Skin corrosion/irritation:
No statements available for any of the ingredients.

Serious eye damage/irritation:
No statements available for any of the ingredients.

Respiratory or skin sensitization:
No statements available for any of the ingredients.

Germ cell mutagenicity:
No statements available for any of the ingredients.

Carcinogenicity:
This product does not contain known human carcinogens.

Reproductive toxicity:
No statements available for any of the ingredients.

STOT – single exposure:
No statements available for any of the ingredients.

STOT – repeated exposure:
No statements available for any of the ingredients.

Aspiration hazard:
No statements available for any of the ingredients.

Likely route(s) of exposure:
Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

SECTION 12: ECOLOGICAL INFORMATION

General information:
No statements available for any of the ingredients.

12.1 Toxicity
No statements available for any of the ingredients.

12.2 Persistence and degradability

Physical- and photochemical elimination:
No statements available for any of the ingredients.

Biodegradation:
No statements available for any of the ingredients.

12.3 Bioaccumulative potential
No statements available for any of the ingredients.

12.4 Mobility in soil

Known/Predicted environmental distribution:
No statements available for any of the ingredients.

Surface tension:
No statements available for any of the ingredients.

Adsorption/Desorption:
No statements available for any of the ingredients.

12.5 Results of PBT and vPvB assessment
This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No statements available for any of the ingredients.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:
Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Smaller quantities can be disposed of with household waste.

Waste material:
Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated as a dangerous material.

14.2. In Accordance with IMDG Not regulated as a hazardous good.

14.3. In Accordance with IATA Not regulated as a hazardous good.

SECTION 15: REGULATORY INFORMATION

International Inventories
TSCA: Complies
DSL: No components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

US Federal Regulations
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Acute health hazard: No
Chronic Health Hazard: No
Fire hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Canada
WHMIS Hazard Class
Not determined.

SECTION 16: OTHER INFORMATION

Further information
The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.

Material Safety Data Sheet

SpillAway Projects Ltd
37 Underhill, Moulsford, Oxfordshire UK OX10 9JH
Emergency Tel No: +44 (0)7767 018418

Section 1 – Product Identification

Product: **Liquid Remediact™**

Description: Bioremedial Cleaner for Hydrocarbon Contamination in water and soil.

Section 2 – Ingredients Classification

Hazardous Components: None

Typical Composition: An aqueous-water based solution of single-celled micro-organisms in a solution of micronutrients, extracts and bio-surfactants with natural food colour added for identification.

NAME	EC NUMBER	CAS NUMBER	CONTENT
NON-IONIC SHORT CHAIN ALCOHOL	500-019-9	9005-65-6	4-<5%
BACTERIAL CULTURES		N/A	5-<6%
FOLDED ORANGE OIL	232-433-8	8028-48-6	5-<6%

All contents are non-hazardous and readily biodegradable.

Section 3 – Hazards Identification

Hazardous Components: None

SARA Hazard: ***Title III Section 313:*** Not Listed
Fire-(Section 311/312): None Noted

Section 4 – Emergency First Aid Measures

Follow Standard First Aid Procedures:

Swallowing: Call Physician or poison control centre
Skin Contact: Wash affected area with water
Eye Contact: Flush eyes with cool water for at least 15 minutes
Inhalation: Remove victim to fresh air

Section 5 – Fire & Explosion Hazards

Flash Point & Method Used: N/A
Flammable Limits: N/A
NFPA Rating: NO NFPA RATING

HMIS Rating: **Health:** 0 **Fire:** 0 **Reactivity:** 0

Special fire fighting procedures & precautions: NONE
Unusual Fire & Explosion Hazards: NONE

Section 6 – Accidental Release Measures

Spill or Leak Precautions: None
Waste Disposal: May be disposed of in normal waste stream according to local government rules and other by-law requirements

Section 7 – Precautions: Handling, Storage & Usage

Although there are no special precautions to be taken in handling, storage or usage of this product that will change its safe use, it is recommended that it be kept at a temperature between 32° F. & 120° F. in order for it to be most effective.

Section 8 – Exposure Controls & Personal Protection

Exposure Limits: **WEL:** NO OSHA WEL **TLV:** NO ACGIH TLV

Employee Protection:

Control Measures: Adequate Ventilation
Respiratory Protection: None Required
Protective Clothing: None Required
Eye Protection: None Required, but recommended

Section 9 – Physical Data

Boiling Point: 212° F.
Melting Point: N/A
Vapour Pressure: MM/HG: <0.01 @ 20°C
Specific Gravity: H_2O=1 1.00=+/- 0.1
Solubility in Water: Complete
Appearance: Liquid
Odour: Mild Citrus
Colour: Colourless
pH: 6.9 to 7.2

Section 10 – Stability & Reactivity

Stability: Stable
Hazardous Polymerization: None
Materials to Avoid: Strong oxidizing agents & strong acids
Hazardous Decomposition Products: None
Conditions to Avoid: Do not quick freeze or expose to temperatures over 150° F. These temperatures pose no hazard but they are not compatible to this product.

Section 11 – Toxicological Information

Effects of Overexposure:

Inhalation: No Known Problem
Ingestion: May Cause Mild Transient Gastrointestinal Irritation.
Eye Contact: May Cause Mild Transient Irritation. Not Classified.
Skin Contact: Not Classified as a Skin Irritant or Corrosive Material.

Section 12 – Environmental Information

Environmental Protection: None. This product is environmentally safe even when large quantities are released into the environment.
Spill or Leak Precautions: None

Section 13 – Disposal Consideration

Waste Disposal: May be disposed of in normal waste stream according to federal, state or local requirements

Section 14 – Transport Information

Special Precautions: None
DOT Classification: Class 55
DOT Proper Shipping Name: Cleaning Compounds

Section 15 – Regulatory Information

DOT Classification: Class 55
DOT Proper Shipping Name: Cleaning Compounds
Other Regulatory Requirements: None

Section 16 – Other Information

This information relates only to the specific material designated & may not be valid for such material used in combination with any other materials or in any other process. The stated M.S.D.S. is reliable to the best of the company's knowledge & believed to be accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness & we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself or herself as to the suitableness & completeness of such information for his or her own particular use.

SpillAway Projects Ltd
37 Underhill,
Moulsford
Oxfordshire.
OX10 9JH
Tel: +44 (0)1491 651392
+44 (0)7767 018418

Revision Date: 30/03/2009
Prepared By: Mark Weinberg

Liquid Remediact

MICROBIAL
HYDROCARBON REMEDIATION FORMULA

PRODUCT OVERVIEW

Liquid Remediact™ was created to solve soil and water hydrocarbon contamination problems. This product has the ability to bio-remediate most hydrocarbons with a minimum amount of equipment, labour and cost. What sets Liquid Remediact™ apart from other products is the high concentration of live synergistic bacteria in a remediation liquid, which quickly starts the bio-remediation process. Because of its relatively low cost, Liquid Remediact™ is ideal for most industries to solve their own hydrocarbon contamination problems.

HOW TO USE

Liquid Remediact™ is highly concentrated. This product must be mixed in a ratio of 10 parts water to 1 part Liquid Remediact™. Changing this dilution is not recommended. Each mixed or diluted 4 litres will remediate approximately one cubic metre of soil or 750 litres of water. Liquid Remediact™ is an exceptionally universal product and can be applied to in-situ and ex-situ contamination projects by any of the following methods:

Land Farming • Pressure Spraying • Geoprobe Injection • Monitoring Well Injection
Gravity Feed System • Automatic Dosing Equipment

Liquid Remediact™ can be used in conjunction with Dry Remediact™ and HC Series products depending on the specific circumstances. Liquid Remediact Kit™ includes nutrients and bio-enhancers to accelerate the process.

WHAT IT CAN TREAT

Diesel Fuel	Mineral Spirits	Alcohol	Organic pesticides
Heating Oil	Motor Oil	Naphthalene	Organic Herbicides
Gasoline	Aromatics	Crude Oil	Transmission Fluid
Benzene	Ethylbenzene	Toluene	Xylene
Paraffin	Jet Fuel	Kerosene	Organic Solvents
Lubricating Oil	Cutting Oils	Solvents	Grease
Paint Thinners	Glycols	Anti-freeze	Tars

TECHINICAL INFORMATION

Liquid Remediact™ is an active mixture of hydrocarbon-oxidising, naturally occurring single-celled micro-organisms with a bio-surface cleaning agent and water.

Liquid Remediact is pH Neutral, bio-degradable and sustainable

Product Effectiveness: The effectiveness of this product and the speed at which it works is determined by certain factors. In general, these factors are:
- **Temperature:** The warmer the temperature the faster this product will work. The effective operating temperature is between 42°F & 120°F.
- **Aeration and Pressure:** Aeration (air hose) and pressure speed the process.
- **Type of Hydrocarbon:** Some hydrocarbons take longer than others.

The bio-remedial process generally will begin immediately but may take longer to complete depending on the above factors.

Appearance	Clear Liquid
Odor	Orange Citrus
Boiling Point	212°F (100°C)
Soluble in Water	Complete
pH Concentrate	6.9 to 7.2
pH Diluted	6.9 to 7.5
Evaporation Rate	Same as water

PACKAGING INFORMATION

Generally available as 20L cases (2 x 10L jugs).
IBCs and 200L drums available to order.
Under CLP, Liquid Remediact™ is not classified as hazardous.

For more information on Liquid Remediact and other products from SpillAway Brands™, please contact:
SpillAway Projects Ltd, 37 Underhill, Moulsford, Oxfordshire, OX10 9JH
Tel: 01491 651392
Email: info@spillawayprojects.co.uk

SpillAway PROJECTS

ATTACHMENT 3 – NMOCD EMAIL CORRESPONDENCE

From: OCDOnline@state.nm.us
Date: August 7, 2025 at 8:11:11 AM AKDT
To: Heidi Stone <hstone@wtginc.net>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 472593

To whom it may concern (c/o Heidi Stone 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:

- **Remediation plan is denied for the following reasons; 1. In situ chemical treatment to address hydrocarbon impacts is not approved. 2. Variance request to apply that groundwater is greater than 50 feet below grade and toward 19.15.29.12C (4) (ii) NMAC has been approved. 3. Chemical treatment used as an attempt to address chloride impacts is not approved. 4. Davis Gas Processing Co. has 90-days (November 5, 2025) to submit to OCD a revised remediation plan to include areas where a deferral may be requested or final remediation closure report.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 472593.
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,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnrd.nm.gov

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 523247

QUESTIONS

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM2033752202**
Incident Name	**NRM2033752202 DENTON GAS PLANT @ J-02-15S-37E**
Incident Type	**Release Other**
Incident Status	**Remediation Plan Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DENTON GAS PLANT
Date Release Discovered	11/07/2020
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Human Error | Valve | Produced Water | Released: 9 BBL | Recovered: 8 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Human Error | Valve | Condensate | Released: 9 BBL | Recovered: 8 BBL | Lost: 1 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Heidi Stone Title: Chief Accounting Officer Email: hstone@wtginc.net Date: 11/05/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 300 and 500 (ft.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	5200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	23380
GRO+DRO (EPA SW-846 Method 8015M)	6930
BTEX (EPA SW-846 Method 8021B or 8260B)	19.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/01/2026
On what date will (or did) the final sampling or liner inspection occur	06/01/2027
On what date will (or was) the remediation complete(d)	06/01/2027
What is the estimated surface area (in square feet) that will be reclaimed	209363
What is the estimated volume (in cubic yards) that will be reclaimed	40321
What is the estimated surface area (in square feet) that will be remediated	209363
What is the estimated volume (in cubic yards) that will be remediated	40321
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	Yes
Which OCD approved facility will be used for **on-site** disposal	fGP00000000030 DAVIS DENTON GP
OR which OCD approved well (API) will be used for **on-site** disposal	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Heidi Stone Title: Chief Accounting Officer Email: hstone@wtginc.net Date: 11/05/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**455566**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/28/2025**
What was the (estimated) number of samples that were to be gathered	**6**
What was the sampling surface area in square feet	**600**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: DAVIS GAS PROCESSING CO P.O. Box 51670 Midland, TX 79710	OGRID: 191566
	Action Number: 523247
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved with the following conditions; 1. Ex-situ bioremediation is approved utilizing Piranha® product. Any other ex-situ bioremediation product must be pre-approved by OCD prior to its implementation. 2. If status update is performed, use the Alternative Remediation Report portal to submit to OCD. 3. Davis Gas Processing Co. (Davis) has 90-days (April 6, 2026) to submit to OCD its appropriate or final remediation closure report. If remedial activities are currently ongoing, Davis must request a time extension to complete such activities. Any time extension request must be submitted to OCD prior to its expiration date.	1/6/2026