



February 2026
Laredo Gateway Industrial Railway



Wetlands and Waters Delineation Report

Prepared for Laredo Gateway Industrial Railway, LLC

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Prepared for
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Laredo, Texas 78045

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ABBREVIATIONS

APT	Antecedent Precipitation Tool
BrB	Brystal fine sandy loam, 0% to 3% slopes
CaB	Catarina clay, 0% to 2% slopes
CFR	<i>Code of Federal Regulations</i>
CWA	Clean Water Act
DvB	Duval very fine sandy loam, 0% to 3% slopes
EPA	U.S. Environmental Protection Agency
FAC	facultative
FACU	facultative upland
FEMA	Federal Emergency Management Agency
HeB	Hebronville loamy fine sand, 0% to 2% slopes
LGIR	Laredo Gateway Industrial Railway, LLC
lidar	Light Detection and Ranging
MCE	Maverick-Catarina complex, gently rolling
MgC	Moglia clay loam, 1% to 5% slopes
NEPA	National Environmental Policy Act
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NOAA	National Oceanic and Atmospheric Administration
NRCS	National Resources Conservation Service
NWI	National Wetlands Inventory
OEA	Office of Environmental Analysis
OHW	ordinary high water mark
PaB	Palafox clay loam, 0% to 3% slopes
PRA	project review area
Project	Laredo Gateway Industrial Railway Project
PSSA	palustrine, scrub-shrub, temporarily flooded
R4SBC	riverine, intermittent, streambed, seasonally flooded
R4SBJ	riverine, intermittent, streambed, intermittently flooded
RTK-DGPS	real-time kinematic differential global positioning system
STB	U.S. Surface Transportation Board
UPL	upland
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
WOTUS	waters of the United States

1 Introduction

On December 8, 2025, Laredo Gateway Industrial Railway, LLC (LGIR) filed a petition with the U.S. Surface Transportation Board (STB) for an exemption from the prior approval requirements of 49 U.S. Code § 10901 to construct and operate the Laredo Gateway Industrial Railway Project (Project). The Project involves the construction of a new 13,707-foot-long rail line in Webb County, Texas. The line will support rail-truck transloading at Gateway Industrial Park, a planned warehouse development near the intersection of I-35 and SH-255 north of Laredo, Texas. The rail line will extend from a to-be-constructed Union Pacific Corporation switch at its eastern end and would be stub-ended at its northwest end. It will consist of up to four tracks with an access road along its south side. LGIR has entered into an agreement with Iron Horse Resources, Inc., to operate the rail line after it is constructed. Operation will include sorting and moving cars between interchange tracks and customer spurs that will connect to the Project. LGIR anticipates that, once completed, within 5 to 7 years, the rail line will move 4,000 to 6,750 cars annually (approximately 1 train per day).

As part of its licensing process, STB intends to conduct an environmental review under the National Environmental Policy Act (NEPA; 42 U.S. Code §§ 4321 et seq.) and Section 106 of the National Historic Preservation Act (NHPA; 54 U.S. Code §§ 306108). Pursuant to NEPA, NHPA, and STB's environmental rules in 49 *Code of Federal Regulations* (CFR) 1105, STB's Office of Environmental Analysis (OEA) intends to prepare an environmental document that evaluates potential environmental impacts and historical impacts of the construction and operation of the Project. STB notified agencies, public officials, and tribal representative of the Project and requested comments in writing on May 23, 2025 (Docket No. FD 36847).

To support its analysis of potential impacts on water resources under NEPA, OEA requested that LGIR complete a delineation of all surface waterbodies within the Project site, including wetlands, streams, rivers, ponds, lakes, and drainage ditches, regardless of jurisdictional status. To address this request, LGIR contracted Anchor QEA to complete the work. As part of the wetland and others water delineation, Anchor QEA surveyed an approximately 148-acre project review area (PRA). The PRA is west of I-35 and north of SH-255, north of Laredo, Webb County, Texas (Figures 1 and 2). Table 1 provides information relevant to the PRA.

Table 1
Additional PRA Information

USGS Hydrologic Unit Code (HUC12)	121101050404
USGS Quadrangle	Callaghan Ranch South
Survey Area Centroid (°)	27.838112° -99.424098°
Included Tax Parcels	199534 203233 203236 204159 544290

Work conducted as part of this assessment was completed in compliance with all relevant U.S. Army Corps of Engineers (USACE) and U.S. Environmental Protection Agency (EPA) regulations and guidance. While all aquatic features were mapped during the delineation effort, regardless of their jurisdictional status, Anchor QEA also conducted assessments to determine the likely jurisdictional status of each to help inform Project development and future permitting efforts if necessary. Assessments related to the wetland determinations and delineations and associated assessments of jurisdictional status for on-site features are based on Anchor QEA's best professional judgment and are provided to the LGIR as an informational tool. The actual designation of jurisdictional status and establishment of all jurisdictional boundaries within the PRA rests with the USACE Fort Worth District. Neither Anchor QEA, nor any other private consultant, holds the authority to establish legally binding wetland/non-wetland boundaries or jurisdictional status for features located within the property boundary. The methods and findings of Anchor QEA's wetlands and other waters delineation are detailed in Sections 2 and 3.

2 Methods

2.1 Background Review Methods

To prepare for the wetlands and other waters delineation, Anchor QEA examined background data including USACE's Antecedent Precipitation Tool (APT), National Oceanic and Atmospheric Administration (NOAA) rainfall data, U.S. Geological Survey (USGS) Quadrangle Topographic Maps and its National Hydrography Dataset (NHD), Federal Emergency Management Agency (FEMA) floodplain data, U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) data, U.S. Department of Agriculture National Resources Conservation Service (NRCS) soil data, light detection and ranging (lidar) data, and current and historical aerial photography depicting the review area. The purpose of the background review was to support the development of a comprehensive field survey plan and to inform the Project team of anticipated site conditions.

2.2 Field Investigation Methods

To perform the wetlands and other waters delineation, Anchor QEA used the *Corps of Engineers Wetlands Delineation Manual* (USACE 1987), *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains* (Version 2.0) (USACE 2010), *Field Guide for Wetland Delineation: 1987 Corps of Engineers Manual* (WTI 1987), and "Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in *Rapanos v. United States* and *Carabell v. United States*" (USACE and EPA 2008). While the *Rapanos v. United States* guidance is the currently implemented guidance, these guidelines are being implemented in conformance with the May 25, 2023, U.S. Supreme Court decision in *Sackett v. EPA*. Regional standards and implementation methods for conformance with the decision are informed by USACE and EPA (2025a). Anchor QEA assessed the potential jurisdictional status based on the best available guidance documents, field data and observations, and anecdotal information provided by USACE regulators to assess jurisdiction following *Sackett v. EPA*.

While the *Rapanos v. United States* guidance in accordance with the *Sackett* decision is currently operative in Texas, a proposed "Updated Definition of 'Waters of the United States'" was published in 90 *Federal Register* 52498 on November 20, 2025. This proposed rule is not final but is expected to become effective in the coming months. While changes to this proposed rule may occur following public comment, Anchor QEA relied on contents of the rule proposed in November 2025 to support this analysis. Anchor QEA applied best professional judgment to determine if enactment of the proposed rule would impact any conclusions included herein.

The routine method for sites >5 acres was employed. Based on the linear nature and overall extent of the PRA, a baseline situated west to east was established and relied upon to develop survey transects. Consistent with the delineation manual, four transects were established to sufficiently

survey the property. To confirm common names, scientific names, and the wetland indicator status of all plants identified within the RPA, Anchor QEA used the *National Wetland Plant List* (USACE 2022). To determine hydric soils and wetland hydrology, Anchor QEA used USACE (1987), USACE (2010), and *Field Indicators of Hydric Soils in the United States* (NRCS 2018). To make an upland or wetland determination, Anchor QEA recorded vegetation, soils, and hydrology parameters at each sample point. To determine the lateral limits of stream features, Anchor QEA mapped the ordinary high water mark (OHWM) consistent with USACE's *Regulatory Guidance Letter No. 05-05*, which states that the OHWM is indicated by "physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means" (USACE 2005). Consistent with input received from USACE personnel for similarly situated projects, the OHWM in this region is most closely associated with physical indicators of eroding banks. This recommendation was considered in combination with the regulatory guidance letter during OHWM determinations and mapping.

To determine the position of various points, Anchor QEA used both a sub-foot accuracy Trimble GEO 7X and a Trimble R10 dual-frequency real-time kinematic differential global positioning system (RTK-DGPS) working from the virtual reference station corrections network. The nominal accuracy of the typical dual-frequency RTK-DGPS is ± 1 centimeter horizontal and ± 2 centimeters vertical. Anchor QEA employed USACE standard operating procedures for recording aquatic resource delineations using global navigation satellite systems (USACE 2025). Position coordinates were recorded and then plotted in the office with ArcGIS Pro 3.3.2.

3 Results

3.1 Background Information

Anchor QEA reviewed various sources of background information to support development of a detailed field survey plan and to better understand anticipated conditions at the property. Key information identified during the review of background information is provided in Table 2.

Table 2
Key Takeaways from Desktop Resources

Resource	Notes
USACE APT ¹ /NOAA rainfall data ²	USACE's APT indicates climatic conditions for the property are considered "normal" and that the survey was completed during the "wet season." The most notable rainfall event (i.e., >0.1 inch) totaled 1.47 inches and occurred 74 days prior to the survey event (Webb County Encinal Station).
USGS Topographic Maps ³ and NHD ⁴	The PRA appears to have remained predominantly undeveloped over time and composed of herbaceous and wooded habitats. Two small stream features are depicted crossing the PRA in a west-to-east orientation. According to the NHD, two unnamed stream features cross the PRA. Each feature appears to flow west to east. While the flow regime is not defined, NHD data and other desktop resources suggest these feature flow intermittently. No indicators of open water or land subject to inundation are visible within the PRA. Indicators of wetland are limited to a small, enclosed area along the western PRA boundary.
FEMA floodplain data ⁵	A majority of the PRA is located outside the 100-year and 500-year floodplains. However, small portions are mapped as Zone A (100-year floodplain) and are associated with the two stream features depicted on topographic maps and within the NHD data.
USFWS NWI ⁶	A total of four NWI features are mapped within the PRA. These include two freshwater wetland features and two riverine features. Freshwater wetland features include two features mapped as palustrine, scrub-shrub, temporarily flooded (PSSA). One PSSA feature is mapped as an enclosed depression along the western PRA boundary and is associated with the wetland signature identified on topographic maps. The second PSSA feature generally follows the alignment of the southern stream feature depicted on topographic maps and within the NHD data. Riverine features appear associated with the two stream features depicted the topographic maps and within the NHD. The northern riverine feature is mapped as R4SBJ. The southern riverine feature is mapped as R4SBC. Near the PRA, NWI wetland features are extremely limited. However, one freshwater pond is depicted immediately east of the PRA and potentially represents a small impoundment of the northern stream feature.
NRCS soil data ⁷	Soils mapped within the survey boundary include BrB, CaB, DvB, HeB, MCE, MgC, and PaB. Soil units mapped within the PRA and included on the hydric soil list for Webb County include BrB and DvB. These soil units are generally located on the northern portion of the PRA.

Resource	Notes
Lidar data ⁸	The PRA appears to be relatively flat with a very slight topographic trend toward the east. Linear, depressional landforms that correlate to the location of stream features depicted in NWI and NHD are evident in western portions of the PRA. These linear depressions appear more distinct in their eastern extent beyond the PRA boundary and are relatively minor within the PRA. Other slightly depressional landforms appear to be associated with unimproved roads throughout the PRA. Overall, the PRA lacks clear depressional areas that may suggest areas that collect and retain surface water and are often associated with wetland habitat.
Past and present aerial photography (1935 to 2024)	Historically, the PRA persisted as primarily scrub-shrub habitat with improvements limited to unimproved roads or paths that meander in and out of the PRA boundary. No vertical structures or evidence of major earthwork are evident. These site conditions seem unchanged between 1935 and 2024. The only natural feature of note observed is a band of thicker vegetation that appears to correlate to the location of the northern stream features. Aerial signatures of this nature generally suggest increased hydrology and potentially riparian habitat that follow natural stream features. However, no evidence of flowing or ponding water was observed within the PRA boundary between 1935 and 2024. This lack of persistent surface water within the speculative stream feature suggests that, if present, this linear feature likely only conveys water ephemerally and in direct response to significant precipitation events.

Notes:

Present aerials are from Google Earth Pro. Historic Aerials are from NETROnline.

1. Source: Gutenson et al. (2023)
2. Source: NOAA Regional Climate Centers (2026)
3. Source: USGS (2026a)
4. Source: USGS (2026b)
5. Source: FEMA (2026)
6. Source: USFWS (2026)
7. Source: NRCS (2026a and 2026b)
8. Source: USGS (2026c)

3.2 Delineation Results

Consistent with USACE (1987), Anchor QEA utilized four transects within the PRA, and sample points were recorded to characterize the different vegetation communities, habitat types, land cover types, and land features encountered. In total, Anchor QEA recorded 18 sample points within the PRA to characterize the different communities. It should be noted that two additional sample points were recorded beyond the PRA boundary to document aquatic habitat situated in the vicinity. Figure 3 provides an overview of the transect and sample point locations. Appendix A includes copies of wetland datasheets.

No wetlands or other waters were identified within the PRA boundary. Aquatic features mapped in the vicinity were limited to one palustrine scrub-shrub wetland entirely beyond the PRA boundary. Portions of the PRA where desktop resources suggest that stream features may occur lack indicators of OHWM. Therefore, these features do not meet stream criteria and are classified as swales. Each speculative stream feature appears to be upgradient of the stream head of ephemeral streams located beyond the eastern PRA boundary. The PRA is composed entirely of a scrub-shrub upland.

However, the composition and coverage of vegetation vary slightly throughout, primarily due to recent land clearing activities or dispersed natural stands of more mature wooded vegetation. Notable features and the upland habitat community observed are detailed in subsequent subsections.

3.3 Aquatic Features

As noted in Subsection 3.2, no aquatic features (e.g., wetland, stream, pond) were observed within the PRA boundary. However, one palustrine scrub-shrub wetland (PSS-01*) was observed east of the PRA boundary at its northern extent. It should be noted that inclusion of an asterisk in the wetland identifier designates that this feature is located entirely beyond the PRA boundary.

PSS-01* totals approximately 0.1 acre and is situated entirely within an enclosed depression. This wetland feature appears to occur in line with the northern stream feature depicted on desktop resources and correlates to the location of an NWI freshwater pond feature. This feature is surrounded entirely by a slight upland berm, which suggests this area may have been created to retain surface water during high-flow periods. Sample point ASP01 was recorded within PSS-01* to document vegetation, hydrology, and soil characteristics. Vegetation within PSS-01* is composed entirely of Mexican palo verde (*Parkinsonia aculeata*, facultative [FAC]) in the sapling/shrub stratum. Wetland criteria for vegetation were met based on the FAC wetland indicator status of this species. Indicators of wetland hydrology observed included water marks, water-stained leaves, oxidized rhizospheres along living roots, surface soil cracks, and geomorphic position. This combination of wetland hydrology indicators meets wetland criteria. Soil at ASP01 had a matrix color of 10YR 3/2 from 0 to 10 inches and contained approximately 15% 10YR 4/4 redoximorphic concentrations within the matrix and along pore linings. A restrictive layer of impenetrable material was encountered at 10 inches. However, soils above the restrictive layer met the redox dark surface hydric soils indicator. Therefore, hydric soils were determined to be present. Accordingly, this sample point was determined to be within wetland habitat based on the presence of all three required wetland criteria. The entire boundary of this feature was investigated to determine if PSS-01* extends into the PRA boundary and to better understand how it connects to the surface drainage system. As stated, this feature is surrounded entirely by an upland berm. No culverts or shallow subsurface connections were observed. Therefore, PSS-01* does not appear to share a continuous surface connection with any speculative downgradient streams or similar features.

Each area documented in the desktop resources as a speculative wetland or stream was fully investigated during the survey. Sample points were recorded in each potential wetland area. These sample points (T1SP02, T1SP04, and T1SP05) each document that vegetation, hydrology, and soil characteristics are consistent with upland habitat. Visual inspection and topographic surveying were also completed in areas documented as speculative stream features to determine whether they meet aquatic conditions.

The northern stream feature documented in the NHD data is situated in an area of converging topography, but no discernable feature was observed. Topographic surveying documents that this area exhibits <1 foot of vertical relief within the mapped NWI or NHD boundary. Further, consistent with input received from the USACE related to OHWM in this region, no physical indicators of eroding banks were observed. The southern stream feature documented in the NHD data exhibited even less topographic relief. No discernable topographic trend was evident, and no indicators of OHWM were observed. Therefore, and as they did not exhibit any discernible evidence of periodic flow or meet wetland criteria, both areas identified as stream in the NHD and NWI data were determined to be unconfined upland.

3.4 Upland Habitat Community

The entire PRA was comprised of a single, upland, scrub-shrub vegetation community (Section 3). While vegetation composition varied slightly throughout the PRA, likely as the result of recent clearing activities, hydrology and soil characteristics were relatively homogenous. Sample points recorded within this community include AP03, ASP04, ASP05, T1SP01, T1SP02, T1SP03, T1SP04, T1SP05, T1SP06, T1SP07, T2SP01, T2SP02, T2SP03, T3SP01, T3SP02, T4SP01, T4SP02, and T4SP03. Dominant vegetation was composed of honey mesquite (*Prosopis glandulos*, facultative upland [FACU]) in the tree stratum; honey mesquite, blackbrush acacia (*Vachellia rigidula*, upland [UPL]), mealy false acacia (*Acacia farnesiana*, FACU), Mexican palo verde, (*Parkinsonia aculeata*, FAC), limestone prickly-ash (*Zanthoxylum fagara*, FAC), and whitebrush (*Aloysia gratissima*, UPL) in the sampling stratum; and dwarf bur ragweed (*Ambrosia pumila*, UPL), mealy false acacia, blackbrush acacia, honey mesquite, buffel grass (*Cenchrus ciliaris*, UPL), erect prickly-pear (*Opuntia stricta*, FACU), whitebrush, lotebush (*Ziziphus obtusifolia*, FACU), yellow bluestem (*Bothriochloa ischaemum*, UPL), and silverleaf nightshade (*Solanum elaeagnifolium*, UPL) in the herbaceous stratum. Primary indicators of wetland hydrology were entirely absent within this community. The only secondary indicator of wetland hydrology was observed geomorphic position, which was documented at T1SP02 in an area of converging topography. Overall, criteria for wetland hydrology were absent for all sample points recorded within this community. Soil within this community was relatively homogenous. Soil textures observed included sand, sandy clay, and sandy loam. Soil matrix colors observed included 10 YR 3/2, 10YR 4/2, 10YR 4/4, 10YR 5/3, and 10YR 5/6. No redoximorphic concentrations or depletions were observed. No soil sample recorded within this community met any hydric soil indicator. As such, all sample points recorded within this scrub-shrub community were determined to be recorded within upland habitat.

3.5 Jurisdictional Determination

As discussed in Subsection 2.2, USACE is implementing the Clean Water Act (CWA) consistent with the *Rapanos v. United States* and *Sackett v. EPA* decisions. Regional standards and implementation methods for the *Sackett v. EPA* conformance are outlined in the joint memorandum to the field

issued March 12, 2025, (USACE and EPA 2025a) and further informed by USACE and EPA in “Training: 2025 Continuous Surface Connection Guidance” (USACE and EPA 2025b). These guidance documents also announced new rulemaking efforts that focus particularly on key areas that include the scope of the term “relatively permanent,” implementation standards for the term “continuous surface connection,” and jurisdiction of ditches. New rulemaking resulted in development of a proposed rule published on November 20, 2025, and found in 33 CFR 328. Although this proposed rule includes modifications to definition of waters of the United States (WOTUS), it is not the currently operative definition in the State of Texas. The new proposed rule is intended to apply nationwide and to become the operative definition of WOTUS in early 2026. However, it is unclear which modifications will be made following public comment or whether future litigation and injunctions, like those that occurred with the 2023 rule in Texas and other states, will implicate the operative definition of WOTUS in Texas. Accordingly, the jurisdictional assessment summarized herein focuses primarily on the currently operative definition of WOTUS in Texas (namely pre-2015, post-Sackett). However, supplementary jurisdictional assessments are included under the assumption that the new proposed rule will become effective with no significant modifications to the proposed rule published on November 22, 2025.

As summarized in Subsection 3.2, no wetlands or other waters were identified within the PRA boundary. The PRA appears to be composed entirely of upland habitat. The pre-2015 regulations, as documented by 33 CFR 328, established by 51 *Federal Registry* 41250, November 13, 1986 (unless otherwise noted), indicate that WOTUS include the following:

1. All waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide
2. All interstate waters including interstate wetlands
3. All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation, or destruction of which could affect interstate or foreign commerce including any such waters:
 - a. Which are or could be used by interstate or foreign travelers for recreational or other purposes, or
 - b. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce, or
 - c. Which are used or could be used for industrial purposes by industries in interstate commerce
4. All impoundments of waters otherwise defined as waters of the United States under this definition

5. Tributaries of waters identified in paragraphs (1) through (4) of this section
6. The territorial sea
7. Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (1) through (6) of this section

Based on the lack of aquatic resources, it is Anchor QEA's best professional judgment that the PRA lacks any resources potentially considered WOTUS or subject to Section 404 of the CWA. While the new proposed rule is expected to slightly modify which aquatic resources are subject to CWA jurisdiction, enactment of this rule is not intended to alter how aquatic features are identified. Therefore, based on the lack of aquatic resources in the PRA, no features are expected to be subject to CWA regulations under either set of regulations.

4 Conclusion

This Wetland and Waters Delineation report summarizes the findings of Anchor QEA's December 2025 survey at the approximate 148-acre PRA. Determinations of jurisdictional status and jurisdictional limits herein are based on Anchor QEA's best professional judgment and are provided as an informational tool to support OEA's preparation of environmental documents evaluating potential environmental impacts of Project construction and operation. The actual designation will rest with the USACE, Fort Worth District, the final authority on jurisdictional status for aquatic features within the PRA. As detailed, Anchor QEA did not identify any site features likely to be considered aquatic (e.g., wetland, stream, pond). Further, based on the lack of aquatic features, no portion of the PRA is expected to be considered WOTUS or subject to Section 404.

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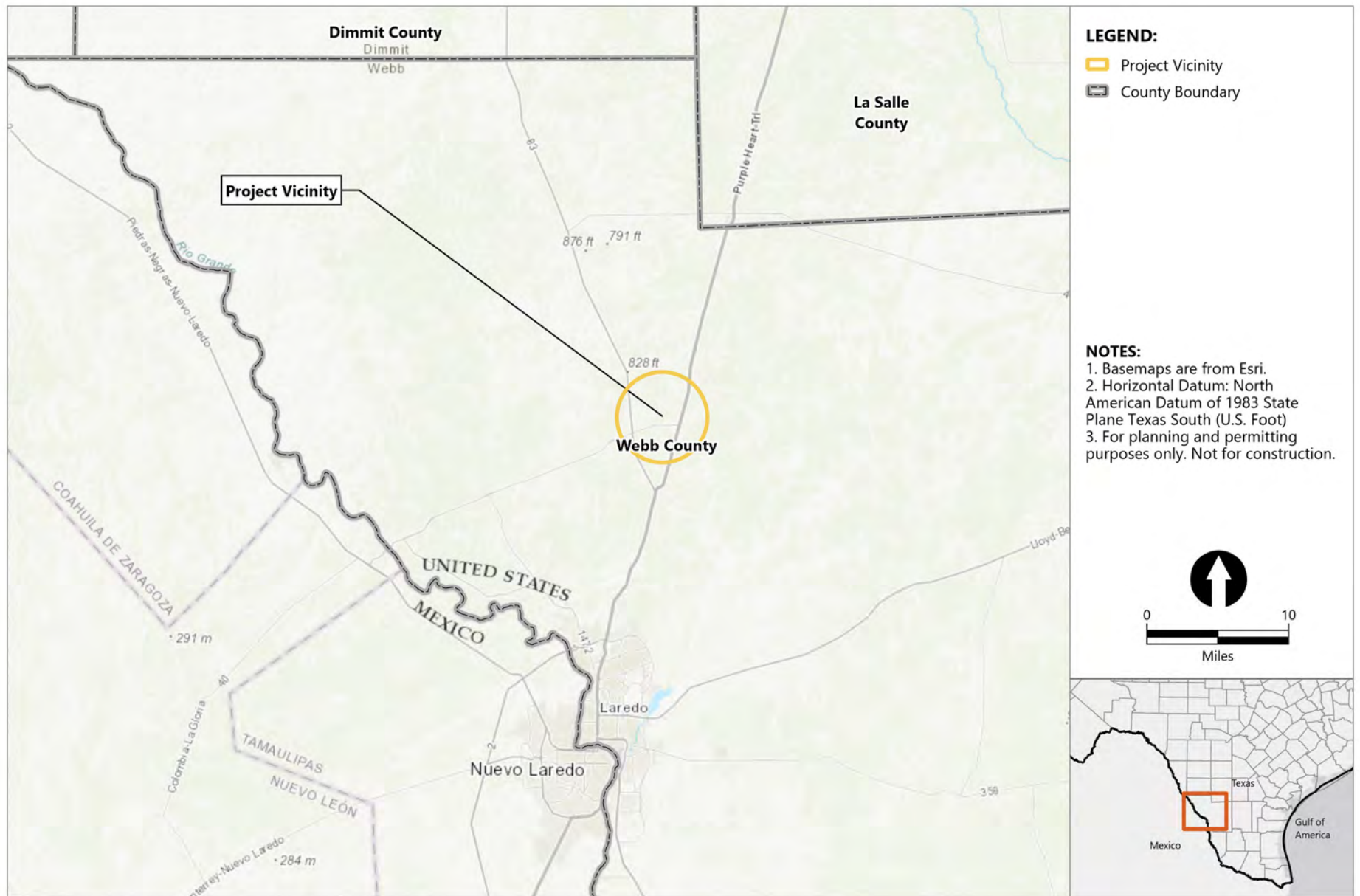
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Figures

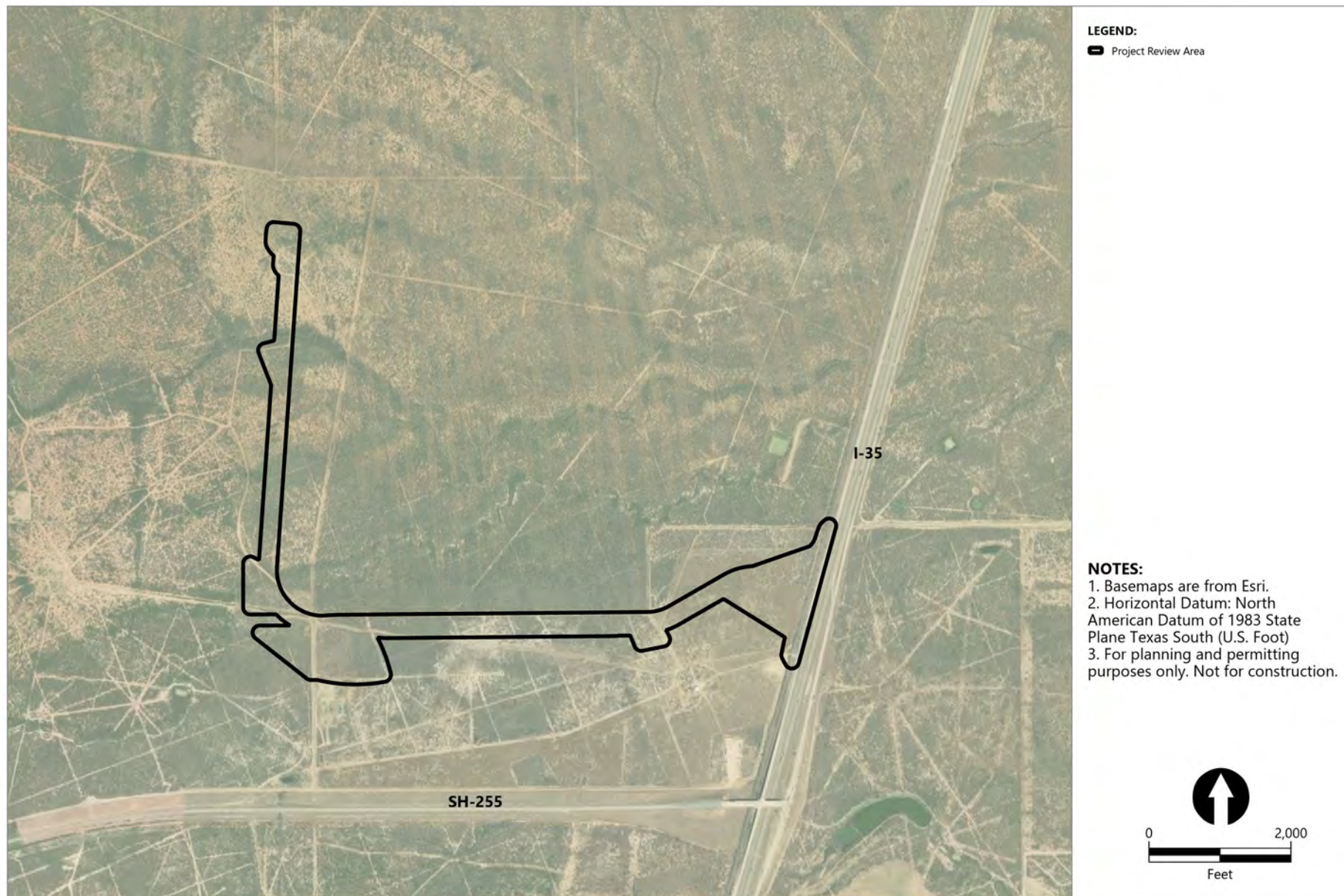


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Figure 1
Vicinity Map

Wetlands and Waters Delineation Report
 Laredo Gateway Industrial Railway

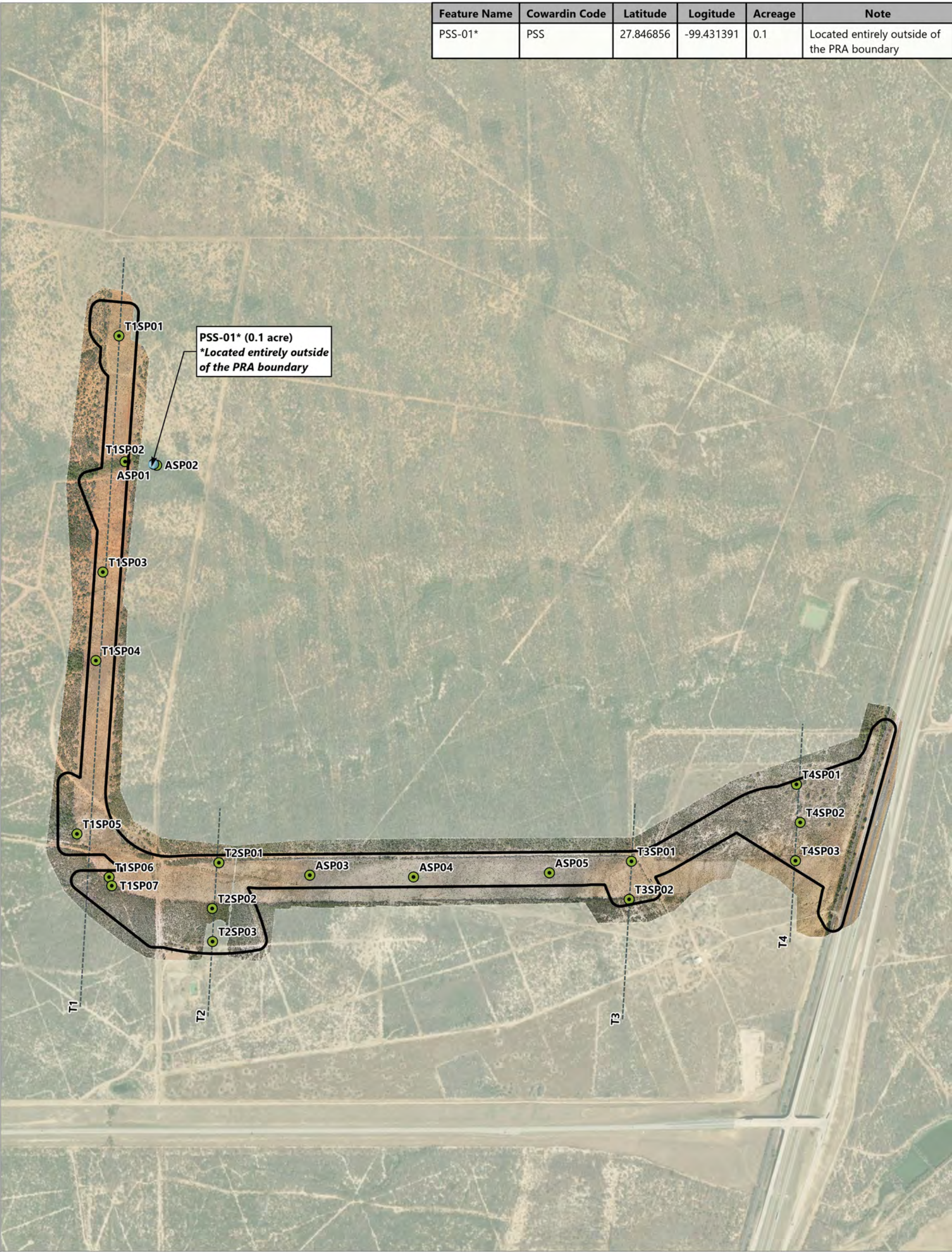


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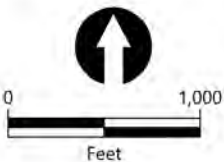
Figure 2
Project Location Map
Wetlands and Waters Delineation Report
Laredo Gateway Industrial Railway

Feature Name	Cowardin Code	Latitude	Logitude	Acreage	Note
PSS-01*	PSS	27.846856	-99.431391	0.1	Located entirely outside of the PRA boundary



- LEGEND:**
- Project Review Area
 - Palustrine Scrub-Shrub Wetland (outside PRA boundary)
 - Upland Sample Point
 - Wetland Sample Point
 - Survey Transect

- NOTES:**
1. Basemap: Drone imagery recorded by Anchor QEA on December 9, 2025; Esri imagery basemap.
 2. Horizontal Datum: North American Datum of 1983 State Plane South (U.S. Foot)
 3. All delineation results are preliminary and based on best professional judgment. Survey results have not been verified by the U.S. Army Corps of Engineers.
 4. An asterisk (*) in a feature name indicates that the feature occurs entirely beyond the PRA boundary.
 5. For planning and permitting purposes only. Not for construction.
- ASP: additional sample point
PRA: project review area
PSS: palustrine scrub-shrub
SP: sample point
T: transect



Publish Date: 2026/02/06, 1:18 PM | User: chelaine
Filepath: \\GST\\file01\\GIS\\Jobs\\Kraus\\Development_373B\\Kraus_USIR.aprx



Figure 3
Survey Overview Map
Wetlands and Waters Delineation Report
Laredo Gateway Industrial Railway

Appendix A

Wetland Data Sheets

U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project

City/County: Webb County

Sampling Date: 2025-12-09

Applicant/Owner: Gateway Core Equity, LTD

State: Texas

Sampling Point: ASP01

Investigator(s): AP/NA

Section, Township, Range: _____

Landform (hillside, terrace, etc.): Closed Depression

Local relief (concave, convex, none): Concave

Slope (%): 5

Subregion (LRR/MLRA): I 83A

Lat: 27.846863

Long: -99.43135

Datum: NAD83_2011

Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes

NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
--	---

Remarks:
This sample point was recorded at the lowest point of an offsite enclosed depression that appears to collect surface water following heavy precipitation events. This feature is surrounded by berm and does not appear to connect to any other adjacent aquatic features. During the survey, no standing water was observed. Sample point was determined to be located within a wetland based on the presence of all three required criteria. However, this feature does not appear to extent to within the project review area.

VEGETATION – Use scientific names of plants.

Tree Stratum	(Plot size: <u>30 ft r</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
=Total Cover				
Sapling/Shrub Stratum	(Plot size: <u>15 ft r</u>)			
1.	<u>Parkinsonia aculeata</u>	<u>100</u>	☒	<u>FAC</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
=Total Cover				
Herb Stratum	(Plot size: <u>5 ft r</u>)			
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____
10.	_____	_____	_____	_____
=Total Cover				
Woody Vine Stratum	(Plot size: <u>30 ft r</u>)			
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
=Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks:
 Maxine Palo Verde tree was the only species present within the enclosed depression. This species meeting wetland criteria.

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
 Total Number of Dominant Species Across All Strata: 1 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>0</u>	x 2 = <u>0</u>
FAC species <u>100</u>	x 3 = <u>300</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>100</u> (A)	<u>300</u> (B)
Prevalence Index = B/A = <u>3.00</u>	

Hydrophytic Vegetation Indicators:
 _____ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☒ 3 - Prevalence Index is ≤3.0¹
 _____ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 _____ Problematic Hydrophytic Vegetation¹ (Explain)
¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present?	Yes ☒	No ☐
--	---	-----------------------------

ENG FORM 6116-5, SEP 2024

Great Plains – Version 2.0

SOIL

Sampling Point: ASP01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 10	10YR 3/2	85	10YR 4/4	15	C	PL/M	Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) ☐ Histosol (A1) ☐ Histic Epipedon (A2) ☐ Black Histic (A3) ☐ Hydrogen Sulfide (A4) ☐ Stratified Layers (A5) (LRR F) ☐ 1 cm Muck (A9) (LRR F, G, H) ☐ Depleted Below Dark Surface (A11) ☐ Thick Dark Surface (A12) ☐ Iron Monosulfide (A18) ☐ Sandy Mucky Mineral (S1) ☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ☐ 5 cm Mucky Peat or Peat (S3) (LRR F)	Indicators for Problematic Hydric Soils³: ☐ 1 cm Muck (A9) (LRR I, J) ☐ High Plains Depressions (F16) (LRR H outside of MLRA 72 & 73) ☐ Reduced Vertic (F18) ☐ Red Parent Material (F21) ☐ Very Shallow Dark Surface (F22) ☐ Other (Explain in Remarks)
---	--

Restrictive Layer (if observed):
 Type: Hard compact material
 Depth (inches): 10

Hydric Soil Present? Yes ☒ No ☐

Remarks:
Soil meet indicator F6.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)				Secondary Indicators (minimum of two required)			
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☒ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift Deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☒ Water-Stained Leaves (B9)	☐ Salt Crust (B11) ☐ Aquatic Invertebrates (B13) ☐ Hydrogen Sulfide Odor (C1) ☐ Dry-Season Water Table (C2) ☒ Oxidized Rhizospheres on Living Roots (C3) (where not tilled) ☐ Presence of Reduced Iron (C4) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☒ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres on Living Roots (C3) (where tilled) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☒ Geomorphic Position (D2) ☐ FAC-Neutral Test (D5) ☐ Frost-Heave Hummocks (D7) (LRR F)					
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)				Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.							
Remarks: Several indicators of wetland hydrology were observed. While deep wall deep fissures were observed throughout the project review area, this area exhibits shallow surface soil cracks in silt or find sediments atop the clay substrate which is consistent with wetland features. Other indicators such as oxidized rhizospheres, water-stained leaves, and water marks were also identified. Therefore, wetland hydrology was determined to be present.							

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **ASP01**

<u>Tree Stratum</u>		Absolute % Cover	Dominant Species?	Indicator Status
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
		100	=Total Cover	
<u>Herb Stratum</u>				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
			=Total Cover	
<u>Woody Vine Stratum</u>				
3.				
4.				
5.				
6.				
7.				
			=Total Cover	

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.

Woody Vine – All woody vines, regardless of height.

Remarks:

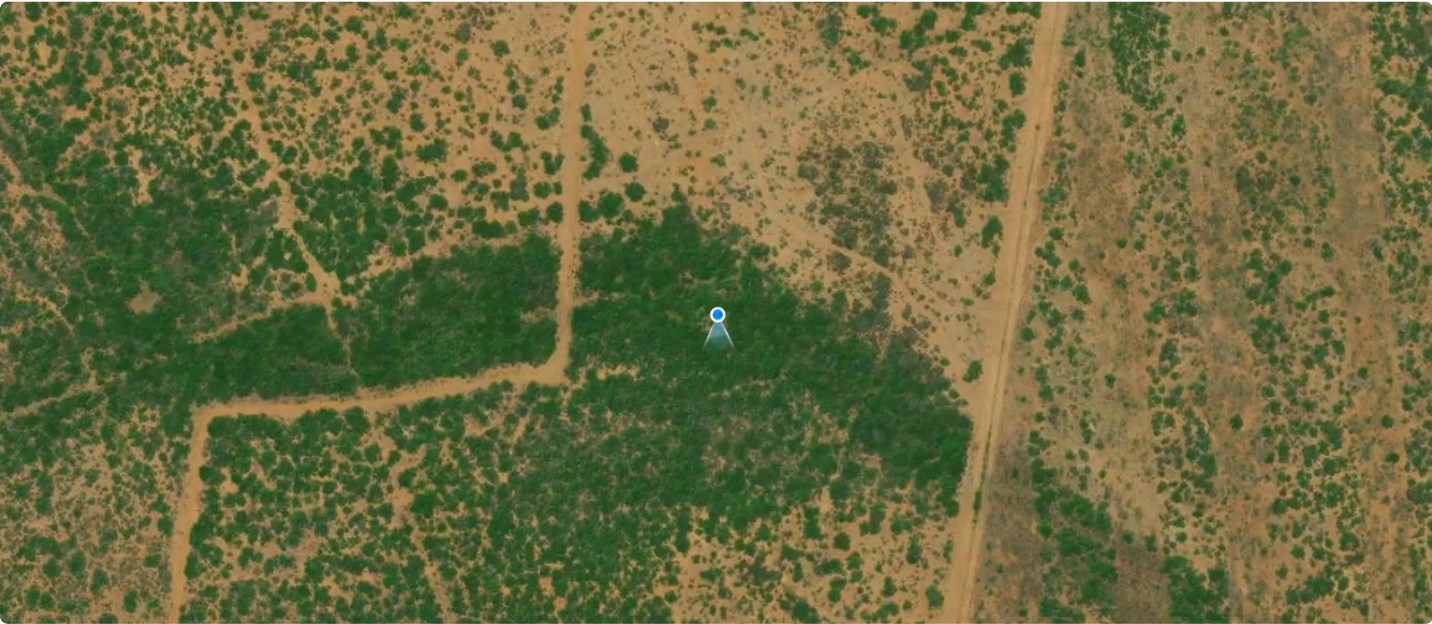
Maxine Palo Verde tree was the only species present within the enclosed depression. This species meeting wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of ASP01 and PSS-01 which is located entirely outside the PRA.

Point Associated	ASP01 (Wetland)
Direction	179° S
Location	27.846863, -99.43135
Photo Date	Tuesday December 9, 2025 8:50 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as ASP01.

Point Associated	ASP01 (Wetland)
Direction	359° N
Location	27.846863, -99.43135
Photo Date	Tuesday December 9, 2025 8:49 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: ASP02	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Berm		Local relief (concave, convex, none): Linear		Slope (%): 30	
Subregion (LRR/MLRA): I 83A		Lat: 27.846832		Long: -99.431258	
Datum: NAD83_2011		Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: This sample point was recorded atop the small berm that surrounds the adjacent enclosed depression (PSS-01*). This berm also bifurcates the linear depression (swale) that extends into the project review area and severs it from speculative down-gradient streams. All three required wetland criteria are absent and this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 4 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 25.00 (A/B)
1. Prosopis glandulosa		25	☒	FACU	
2.					
3.					
4.					
		25	=Total Cover		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 50 x 3 = 150 FACU species 25 x 4 = 100 UPL species 35 x 5 = 175 Column Totals: 110 (A) 425 (B) Prevalence Index = B/A = 3.86
Sapling/Shrub Stratum (Plot size: 15 ft r)					
1. Zanthoxylum fagara		50	☒	FAC	
2. Aloysia gratissima		15	☒	UPL	
3.					
4.					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.					
		65	=Total Cover		
Herb Stratum (Plot size: 5 ft r)					
1. Bothriochloa ischaemum		20	☒	UPL	
2.					Hydrophytic Vegetation Present? Yes ☐ No ☒
3.					
4.					
5.					
6.					
7.					Hydrophytic Vegetation Present? Yes ☐ No ☒
8.					
9.					
10.					
		20	=Total Cover		
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
			=Total Cover		
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: ASP02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 3	10YR 3/3	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>Hard compact material</u>	Yes ☐ No ☒
Depth (inches): <u>3</u>	

Remarks:

While an impenetrable layer was encountered at approximately 3 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes ☐ No ☒
Surface Water Present?	Yes ☐ No ☒	Depth (inches): <u> </u>		
Water Table Present?	Yes ☐ No ☒	Depth (inches): <u> </u>		
Saturation Present?	Yes ☐ No ☒	Depth (inches): <u> </u>		
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:

No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **ASP02**

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			25 =Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			65 =Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			20 =Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			_____ =Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of scrub-shrub habitat at ASP02 and atop a berm surrounding PSS-01.

Point Associated	ASP02 (Upland)
Direction	382° NNE
Location	27.846832, -99.431258
Photo Date	Tuesday December 9, 2025 8:57 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as ASP02.

Point Associated	ASP02 (Upland)
Direction	N/A
Location	27.846832, -99.431258
Photo Date	Tuesday December 9, 2025 9:00 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: ASP03	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 0	
Subregion (LRR/MLRA): I 83A		Lat: 27.83562		Long: -99.42644	
Datum: NAD83_2011		Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☒ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: The sample point was recorded to represent an apparent scrub-shrub area that has been recently cleared. All vegetation within the cleared corridor consists of new growth and is bordered by mature scrub-shrub vegetation on either side. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 40 x 4 = 160 UPL species 50 x 5 = 250 Column Totals: 90 (A) 410 (B) Prevalence Index = B/A = 4.55
1. Prosopis glandulosa		30	☒	FACU	
2.					
3.					
4.					
		=Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Cenchrus ciliaris		50	☒	UPL	
2. Ziziphus obtusifolia		10		FACU	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		=Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Mature vegetation appears to have been recently cleared. Neither current or the anticipated past vegetation meet wetland criteria.					

SOIL

Sampling Point: **ASP03**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/2	100					Sandy Loam	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) ☐ Histosol (A1) ☐ Histic Epipedon (A2) ☐ Black Histic (A3) ☐ Hydrogen Sulfide (A4) ☐ Stratified Layers (A5) (LRR F) ☐ 1 cm Muck (A9) (LRR F, G, H) ☐ Depleted Below Dark Surface (A11) ☐ Thick Dark Surface (A12) ☐ Iron Monosulfide (A18) ☐ Sandy Mucky Mineral (S1) ☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ☐ 5 cm Mucky Peat or Peat (S3) (LRR F)	Indicators for Problematic Hydric Soils³: ☐ 1 cm Muck (A9) (LRR I, J) ☐ High Plains Depressions (F16) (LRR H outside of MLRA 72 & 73) ☐ Reduced Vertic (F18) ☐ Red Parent Material (F21) ☐ Very Shallow Dark Surface (F22) ☐ Other (Explain in Remarks) ³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
---	---

Restrictive Layer (if observed): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes _____ No ☒
Remarks:	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)				Secondary Indicators (minimum of two required)			
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift Deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)	☐ Salt Crust (B11) ☐ Aquatic Invertebrates (B13) ☐ Hydrogen Sulfide Odor (C1) ☐ Dry-Season Water Table (C2) ☐ Oxidized Rhizospheres on Living Roots (C3) (where not tilled) ☐ Presence of Reduced Iron (C4) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres on Living Roots (C3) (where tilled) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Geomorphic Position (D2) ☐ FAC-Neutral Test (D5) ☐ Frost-Heave Hummocks (D7) (LRR F)					

Field Observations: Surface Water Present? Yes _____ No ☒ Depth (inches): _____ Water Table Present? Yes _____ No ☒ Depth (inches): _____ Saturation Present? Yes _____ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No ☒
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.	
Remarks:	

No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **ASP03**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Mature vegetation appears to have been recently cleared. Neither current or the anticipated past vegetation meet wetland criteria.

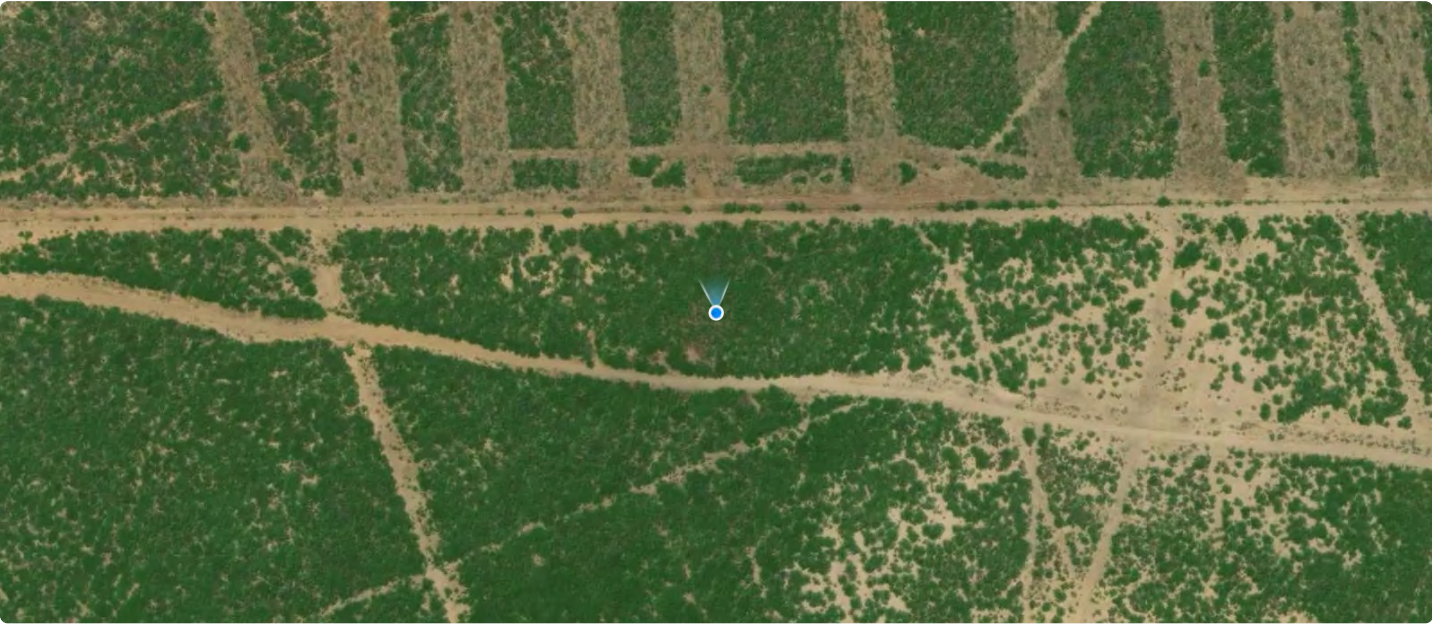
Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of recently cleared upland habitat found throughout the PRA.

Point Associated	ASP03 (Upland)
Direction	358° N
Location	27.83562, -99.42644
Photo Date	Tuesday December 9, 2025 10:15 AM



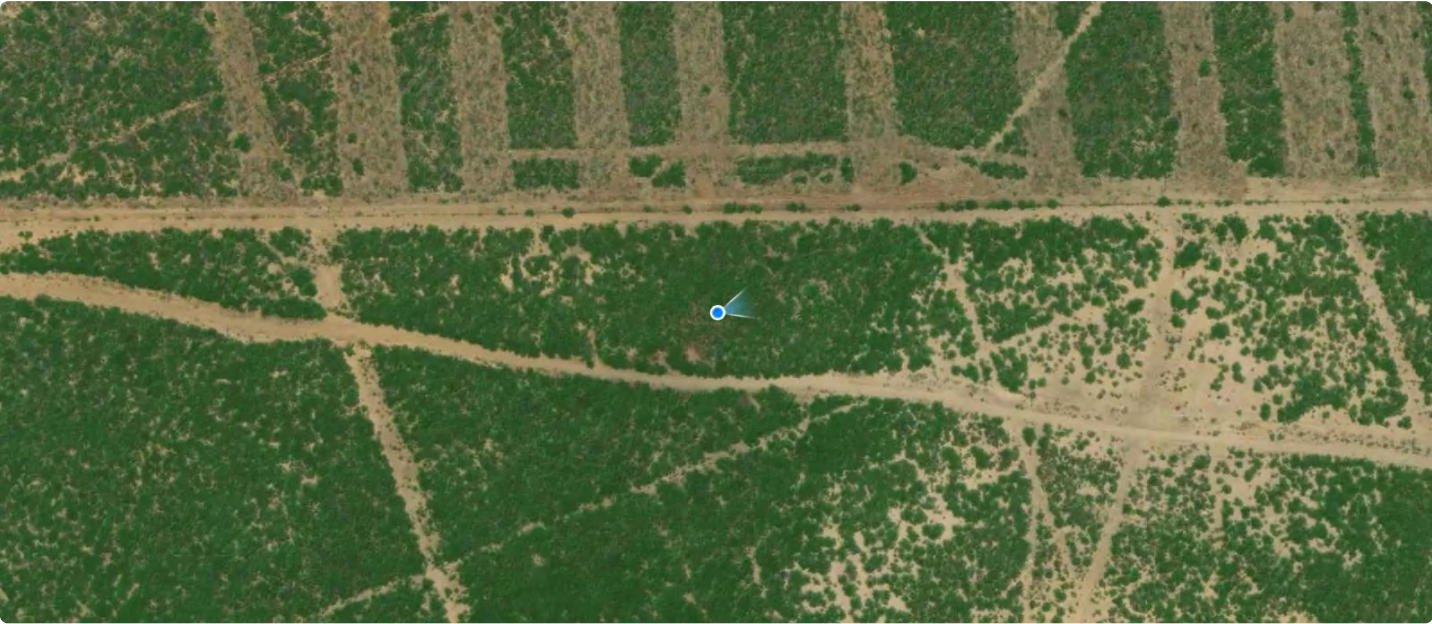
Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as ASP03.

Point Associated	ASP03 (Upland)
Direction	434° E
Location	27.83562, -99.42644
Photo Date	Tuesday December 9, 2025 10:15 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-09

Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: ASP04

Investigator(s): AP/NA Section, Township, Range: _____

Landform (hillside, terrace, etc.): Flat Local relief (concave, convex, none): None Slope (%): 0

Subregion (LRR/MLRA): I 83A Lat: 27.835591 Long: -99.423239 Datum: NAD83_2011

Soil Map Unit Name: MCE - Maverick-Catarina complex, gently rolling NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☐ No ☒ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
---	--

Remarks:

The sample point was recorded to represent an apparent scrub-shrub area that has been recently cleared. All vegetation within the cleared corridor consists of new growth and is bordered by mature scrub-shrub vegetation on either side. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30 ft r</u>) <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 35%;"></th> <th style="width: 15%;">Absolute % Cover</th> <th style="width: 15%;">Dominant Species?</th> <th style="width: 35%;">Indicator Status</th> </tr> <tr><td>1. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>2. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>3. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>4. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td colspan="4" style="text-align: right;">=Total Cover</td></tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. _____	_____	_____	_____	2. _____	_____	_____	_____	3. _____	_____	_____	_____	4. _____	_____	_____	_____	=Total Cover				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)																							
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2. _____	_____	_____	_____																																													
3. _____	_____	_____	_____																																													
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Sapling/Shrub Stratum (Plot size: <u>15 ft r</u>) <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 35%;"></th> <th style="width: 15%;">Absolute % Cover</th> <th style="width: 15%;">Dominant Species?</th> <th style="width: 35%;">Indicator Status</th> </tr> <tr><td>1. <u>Acacia farnesiana</u></td><td><u>15</u></td><td>☒</td><td><u>FACU</u></td></tr> <tr><td>2. <u>Prosopis glandulosa</u></td><td><u>15</u></td><td>☒</td><td><u>FACU</u></td></tr> <tr><td>3. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>4. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>5. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td colspan="4" style="text-align: right;"><u>30</u> =Total Cover</td></tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. <u>Acacia farnesiana</u>	<u>15</u>	☒	<u>FACU</u>	2. <u>Prosopis glandulosa</u>	<u>15</u>	☒	<u>FACU</u>	3. _____	_____	_____	_____	4. _____	_____	_____	_____	5. _____	_____	_____	_____	<u>30</u> =Total Cover																							
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Prevalence Index = B/A = <u>4.40</u>																																																

Remarks:

Vegetation does not meet wetland criteria.

SOIL

Sampling Point: **ASP04**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/2	100					Sandy Loam	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **ASP04**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
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17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of recently cleared upland habitat found throughout the PRA.

Point Associated	ASP04 (Upland)
Direction	182° SSW
Location	27.835591, -99.423239
Photo Date	Tuesday December 9, 2025 10:22 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as ASP04.

Point Associated	ASP04 (Upland)
Direction	298° NW
Location	27.835591, -99.423239
Photo Date	Tuesday December 9, 2025 10:22 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: ASP05	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 0	
Subregion (LRR/MLRA): I 83A		Lat: 27.835733		Long: -99.419047	
Datum: NAD83_2011		Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☒ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: The sample point was recorded to represent an apparent scrub-shrub area that has been recently cleared. All vegetation within the cleared corridor consists of new growth and is bordered by mature scrub-shrub vegetation on either side. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 1 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 30 x 4 = 120 UPL species 35 x 5 = 175 Column Totals: 65 (A) 295 (B) Prevalence Index = B/A = 4.53
1. Prosopis glandulosa		30	☒	FACU	
2. Acacia farnesiana		15	☒	UPL	
3.					
4.					
		45 =Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Ziziphus obtusifolia		20	☒	UPL	
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
		20 =Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Mature vegetation appears to have been recently cleared. Neither current or the anticipated past vegetation meet wetland criteria.					

SOIL

Sampling Point: **ASP05**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/2	100					Sandy Loam	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) ☐ Histosol (A1) ☐ Histic Epipedon (A2) ☐ Black Histic (A3) ☐ Hydrogen Sulfide (A4) ☐ Stratified Layers (A5) (LRR F) ☐ 1 cm Muck (A9) (LRR F, G, H) ☐ Depleted Below Dark Surface (A11) ☐ Thick Dark Surface (A12) ☐ Iron Monosulfide (A18) ☐ Sandy Mucky Mineral (S1) ☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ☐ 5 cm Mucky Peat or Peat (S3) (LRR F)	Indicators for Problematic Hydric Soils³: ☐ 1 cm Muck (A9) (LRR I, J) ☐ High Plains Depressions (F16) (LRR H outside of MLRA 72 & 73) ☐ Reduced Vertic (F18) ☐ Red Parent Material (F21) ☐ Very Shallow Dark Surface (F22) ☐ Other (Explain in Remarks)
---	--

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes _____ No ☒
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Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)				Secondary Indicators (minimum of two required)			
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift Deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)	☐ Salt Crust (B11) ☐ Aquatic Invertebrates (B13) ☐ Hydrogen Sulfide Odor (C1) ☐ Dry-Season Water Table (C2) ☐ Oxidized Rhizospheres on Living Roots (C3) (where not tilled) ☐ Presence of Reduced Iron (C4) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres on Living Roots (C3) (where tilled) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Geomorphic Position (D2) ☐ FAC-Neutral Test (D5) ☐ Frost-Heave Hummocks (D7) (LRR F)					

Field Observations: Surface Water Present? Yes _____ No ☒ Depth (inches): _____ Water Table Present? Yes _____ No ☒ Depth (inches): _____ Saturation Present? Yes _____ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No ☒
--	--

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
 According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **ASP05**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

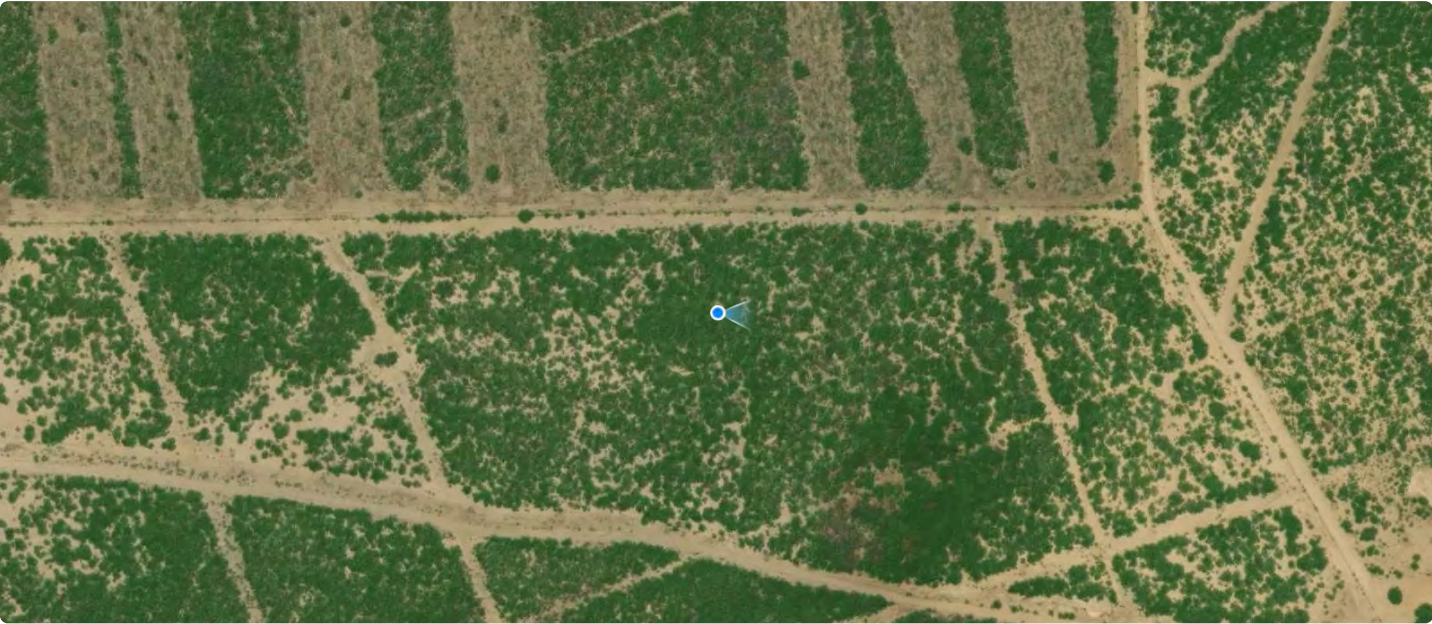
Mature vegetation appears to have been recently cleared. Neither current or the anticipated past vegetation meet wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of recently cleared upland habitat found throughout the PRA.

Point Associated	ASP05 (Upland)
Direction	94° ESE
Location	27.835733, -99.419047
Photo Date	Tuesday December 9, 2025 10:27 AM



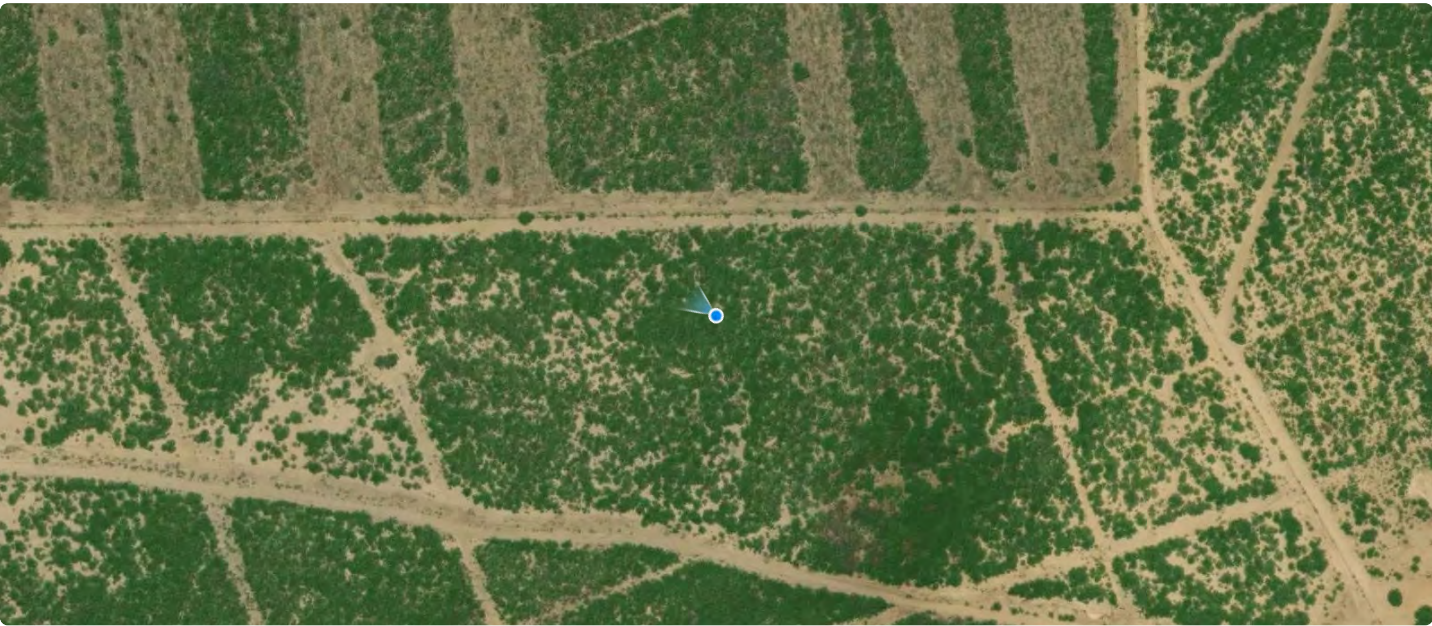
Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as ASP05.

Point Associated	ASP05 (Upland)
Direction	306° NW
Location	27.835733, -99.419047
Photo Date	Tuesday December 9, 2025 10:28 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-08
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T1SP01
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Hillslope Local relief (concave, convex, none): None Slope (%): 15
Subregion (LRR/MLRA): I 83A Lat: 27.850371 Long: -99.432452 Datum: NAD83_2011
Soil Map Unit Name: DvB - Duval very fine sandy loam, 0 to 3 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No ☒ Hydric Soil Present? Yes _____ No ☒ Wetland Hydrology Present? Yes _____ No ☒	Is the Sampled Area within a Wetland? Yes _____ No ☒
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Remarks:
Sample recorded in a scrub-shrub area. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover _____	Absolute % Cover _____ _____ _____ _____ _____ =Total Cover _____	Dominant Species? _____ _____ _____ _____ _____ =Total Cover _____	Indicator Status _____ _____ _____ _____ _____ =Total Cover _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)
Sapling/Shrub Stratum (Plot size: <u>15 ft r</u>) 1. <u>Vachellia rigidula</u> 2. <u>Prosopis glandulosa</u> 3. _____ 4. _____ 5. _____ =Total Cover <u>25</u>	<u>15</u> <u>10</u> _____ _____ _____ =Total Cover <u>25</u>	☒ ☒ _____ _____ _____ =Total Cover _____	<u>UPL</u> <u>FACU</u> _____ _____ _____ =Total Cover _____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>20</u> x 4 = <u>80</u> UPL species <u>60</u> x 5 = <u>300</u> Column Totals: <u>80</u> (A) <u>380</u> (B) Prevalence Index = B/A = <u>4.75</u>
Herb Stratum (Plot size: <u>5 ft r</u>) 1. <u>Cenchrus ciliaris</u> 2. <u>Vachellia rigidula</u> 3. <u>Ziziphus obtusifolia</u> 4. <u>Karwinskia humboldtiana</u> 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ =Total Cover <u>55</u>	<u>15</u> <u>15</u> <u>15</u> <u>10</u> _____ _____ _____ _____ _____ _____ =Total Cover <u>55</u>	☒ ☒ ☒ _____ _____ _____ _____ _____ _____ _____ _____ =Total Cover _____	<u>UPL</u> <u>UPL</u> <u>UPL</u> <u>FACU</u> _____ _____ _____ _____ _____ _____ =Total Cover _____	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover _____	_____ _____ =Total Cover _____	_____ _____ =Total Cover _____	_____ _____ =Total Cover _____	Hydrophytic Vegetation Present? Yes _____ No ☒

Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T1SP01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 5/6	100					Sand	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :	
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T1SP01**

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of upland habitat at T1SP01.

Point Associated	T1SP01 (Upland)
Direction	437° E
Location	27.850371, -99.432452
Photo Date	Monday December 8, 2025 1:02 PM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T1SP01.

Point Associated	T1SP01 (Upland)
Direction	308° NW
Location	27.850371, -99.432452
Photo Date	Monday December 8, 2025 1:02 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-08	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T1SP02	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Swale		Local relief (concave, convex, none): Linear		Slope (%): 10	
Subregion (LRR/MLRA): I 83A		Lat: 27.846923		Long: -99.432234	
Datum: NAD83_2011		Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes			
NW1 classification: R4SBJ		Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)			
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed?		Are "Normal Circumstances" present? Yes ☐ No ☒			
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic?		(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: Sample point recorded within a slight swale landform that correlates to riverine features in NW1 and NHD data. However, no indicators of OHWM were observed and this area appears to be above the stream head of down-gradient ephemeral streams. All three wetland criteria area absent. Therefore, this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 5 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 20.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 25 x 3 = 75 FACU species 15 x 4 = 60 UPL species 55 x 5 = 275 Column Totals: 95 (A) 410 (B) Prevalence Index = B/A = 4.31
1. Parkinsonia aculeata		25	☒	FAC	
2. Acacia farnesiana		20	☒	UPL	
3. Prosopis glandulosa		15	☒	FACU	
4.					
5.					
		60 =Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Ambrosia pumila		25	☒	UPL	
2. Solanum elaeagnifolium		10	☒	UPL	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		35 =Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T1SP02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 4	10YR 5/6	100					Sand	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: <u>4</u> Depth (inches): <u>Hard packed material</u>	Hydric Soil Present? Yes ☐ No ☒
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Remarks:
While an impenetrable layer was encountered at approximately 4 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☒ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes ☐ No ☒
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No primary indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T1SP02**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T1SP02. No discernable OHWM observed where NHD and NWI data suggested a stream.

Point Associated	T1SP02 (Upland)
Direction	269° W
Location	27.846923, -99.432234
Photo Date	Monday December 8, 2025 1:02 PM



Laredo Gateway Industrial Railway Project
Great Plains - 2024



View of soil sample collected as T1SP02.

Point Associated	T1SP02 (Upland)
Direction	102° ESE
Location	27.846923, -99.432234
Photo Date	Monday December 8, 2025 1:46 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-08
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T1SP03
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Hillslope Local relief (concave, convex, none): Linear Slope (%): 15
Subregion (LRR/MLRA): I 83A Lat: 27.843892 Long: -99.432865 Datum: NAD83_2011
Soil Map Unit Name: DvB - Duval very fine sandy loam, 0 to 3 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No ☒	Is the Sampled Area within a Wetland? Yes _____ No ☒
Hydric Soil Present? Yes _____ No ☒	
Wetland Hydrology Present? Yes _____ No ☒	

Remarks:
Sample recorded in a scrub-shrub area that slopes slightly down towards the northern swale feature. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>)	<u>Absolute % Cover</u>	<u>Dominant Species?</u>	<u>Indicator Status</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
=Total Cover				
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>)				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>20</u> x 4 = <u>80</u> UPL species <u>25</u> x 5 = <u>125</u> Column Totals: <u>45</u> (A) <u>205</u> (B) Prevalence Index = B/A = <u>4.55</u>
1. <u>Prosopis glandulosa</u>	<u>10</u>	☒	<u>FACU</u>	
2. <u>Vachellia rigidula</u>	<u>5</u>	☒	<u>FACU</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
=Total Cover				
<u>Herb Stratum</u> (Plot size: <u>5 ft r</u>)				Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Vachellia rigidula</u>	<u>10</u>	☒	<u>UPL</u>	
2. <u>Ziziphus obtusifolia</u>	<u>10</u>	☒	<u>UPL</u>	
3. <u>Cenchrus ciliaris</u>	<u>5</u>	_____	<u>UPL</u>	
4. <u>Karwinskia humboldtiana</u>	<u>5</u>	_____	<u>FACU</u>	
=Total Cover				
Hydrophytic Vegetation Present? Yes _____ No ☒				

Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T1SP03

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 5/6	90					Sand	
0 - 18	10YR 7/6	10					Sand	
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes _____ No ☒
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Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations: Surface Water Present? Yes _____ No ☒ Depth (inches): _____ Water Table Present? Yes _____ No ☒ Depth (inches): _____ Saturation Present? Yes _____ No ☒ Depth (inches): _____ (includes capillary fringe)				Wetland Hydrology Present? Yes _____ No ☒
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T1SP03**

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T1SP03.

Point Associated	T1SP03 (Upland)
Direction	354° N
Location	27.843892, -99.432865
Photo Date	Monday December 8, 2025 2:00 PM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T1SP03.

Point Associated	T1SP03 (Upland)
Direction	224° SW
Location	27.843892, -99.432865
Photo Date	Monday December 8, 2025 2:00 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-08
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T1SP04
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Hillslope Local relief (concave, convex, none): None Slope (%): 15
Subregion (LRR/MLRA): I 83A Lat: 27.841462 Long: -99.433090 Datum: NAD83_2011
Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes NWI classification: PSSA
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☐ No ☒ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
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Remarks:
Sample point recorded to characterize a wetland feature from the NWI data. No confined depression was observed. This sample point is located in sloping area and does not meet any of the three wetland criteria. Therefore, this sample point was determined to be located in upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover <u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>) 1. <u>Prosopis glandulosa</u> 10 ☒ FACU 2. <u>Vachellia rigidula</u> 5 ☒ UPL 3. _____ 4. _____ 5. _____ 15 =Total Cover <u>Herb Stratum</u> (Plot size: <u>5 ft r</u>) 1. <u>Aloysia gratissima</u> 15 ☒ UPL 2. <u>Vachellia rigidula</u> 10 ☒ UPL 3. <u>Ziziphus obtusifolia</u> 10 ☒ UPL 4. <u>Cenchrus ciliaris</u> 5 UPL 5. <u>Karwinskia humboldtiana</u> 5 FACU 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 45 =Total Cover <u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover % Bare Ground in Herb Stratum _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B) Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>15</u> x 4 = <u>60</u> UPL species <u>45</u> x 5 = <u>225</u> Column Totals: <u>60</u> (A) <u>285</u> (B) Prevalence Index = B/A = <u>4.75</u> Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation Present? Yes ☐ No ☒
---	--

Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T1SP04

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 5/6	90					Sand	
0 - 18	10YR 7/6	10					Sand	
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **T1SP04**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of upland habitat at T1SP04 where NWI data suggested a wetland.

Point Associated	T1SP04 (Upland)
Direction	256° W
Location	27.841462, -99.433090
Photo Date	Monday December 8, 2025 2:10 PM



Laredo Gateway Industrial Railway Project
Great Plains - 2024



View of soil sample collected as T1SP04.

Point Associated	T1SP04 (Upland)
Direction	180° SSW
Location	27.841462, -99.433090
Photo Date	Monday December 8, 2025 2:11 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-08
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T1SP05
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Hillslope Local relief (concave, convex, none): None Slope (%): 15
Subregion (LRR/MLRA): I 83A Lat: 27.836704 Long: -99.433634 Datum: NAD83_2011
Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No _____ (If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No _____
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No ☒ Hydric Soil Present? Yes _____ No ☒ Wetland Hydrology Present? Yes _____ No ☒	Is the Sampled Area within a Wetland? Yes _____ No ☒
--	---

Remarks:
Sample point recorded to represent speculative stream features identified in the NWI and NHW data. No discernable channel or swale was identified. All three wetland criteria are absent and this sample point was determined to be located within upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover <u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>) 1. <u>Prosopis glandulosa</u> 15 ☒ FACU 2. <u>Vachellia rigidula</u> 5 ☒ UPL 3. _____ 4. _____ 5. _____ 20 =Total Cover <u>Herb Stratum</u> (Plot size: <u>5 ft r</u>) 1. <u>Opuntia stricta</u> 15 ☒ FACU 2. <u>Aloysia gratissima</u> 15 ☒ UPL 3. <u>Vachellia rigidula</u> 10 ☒ UPL 4. <u>Ziziphus obtusifolia</u> 10 ☒ UPL 5. <u>Cenchrus ciliaris</u> 5 _____ UPL 6. <u>Karwinskia humboldtiana</u> 5 _____ FACU 7. _____ 8. _____ 9. _____ 10. _____ 60 =Total Cover <u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover % Bare Ground in Herb Stratum _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B) Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>35</u> x 4 = <u>140</u> UPL species <u>45</u> x 5 = <u>225</u> Column Totals: <u>80</u> (A) <u>365</u> (B) Prevalence Index = B/A = <u>4.56</u> Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation Present? Yes _____ No ☒
--	--

Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T1SP05

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 5/6	90					Sand	
0 - 18	10YR 7/6	10					Sand	
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T1SP05**

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project
Great Plains - 2024



Typical view of upland habitat at T1SP05 where NHD and NWI suggest stream features.

Point Associated	T1SP05 (Upland)
Direction	175° S
Location	27.836704, -99.433634
Photo Date	Monday December 8, 2025 2:22 PM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T1SP05.

Point Associated	T1SP05 (Upland)
Direction	180° SSW
Location	27.84143055, -99.43313611
Photo Date	Monday December 8, 2025 2:11 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-08
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T1SP06
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Hillslope Local relief (concave, convex, none): None Slope (%): 15
Subregion (LRR/MLRA): I 83A Lat: 27.835526 Long: -99.432632 Datum: NAD83_2011
Soil Map Unit Name: PaB - Palafox clay loam, 0 to 3 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No _____ (If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No _____
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No ☒	Is the Sampled Area within a Wetland? Yes _____ No ☒
Hydric Soil Present? Yes _____ No ☒	
Wetland Hydrology Present? Yes _____ No ☒	

Remarks:
Sample point was recorded within a slightly depressional area identified in the LiDAR data. However, no discernable feature was observed. This sample point lacks all three required wetland criteria and is situated within upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover _____	<u>Absolute % Cover</u> 15 15 _____ _____ 30	<u>Dominant Species?</u> ☒ ☒ _____ _____ =Total Cover _____	<u>Indicator Status</u> _____ _____ _____ _____ =Total Cover _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>) 1. <u>Acacia farnesiana</u> 2. <u>Prosopis glandulosa</u> 3. _____ 4. _____ 5. _____ =Total Cover _____	15 15 _____ _____ 30	☒ ☒ _____ _____ =Total Cover _____	UPL FACU _____ _____ =Total Cover _____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>45</u> x 4 = <u>180</u> UPL species <u>35</u> x 5 = <u>175</u> Column Totals: <u>80</u> (A) <u>355</u> (B) Prevalence Index = B/A = <u>4.43</u>
<u>Herb Stratum</u> (Plot size: <u>5 ft r</u>) 1. <u>Acacia farnesiana</u> 2. <u>Opuntia stricta</u> 3. <u>Prosopis glandulosa</u> 4. <u>Cenchrus ciliaris</u> 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ =Total Cover _____	15 15 15 5 _____ _____ _____ _____ _____ _____ 50	☒ ☒ ☒ ☒ _____ _____ _____ _____ _____ _____ =Total Cover _____	UPL FACU FACU UPL _____ _____ _____ _____ _____ _____ =Total Cover _____	Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover _____	_____ _____ =Total Cover _____	_____ _____ =Total Cover _____	_____ _____ =Total Cover _____	Hydrophytic Vegetation Present? Yes _____ No ☒

Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T1SP06

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 10	10YR 3/2	100					Sand	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)**

☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5) **(LRR F)**
☐ 1 cm Muck (A9) **(LRR F, G, H)**
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Iron Monosulfide (A18)
☐ Sandy Mucky Mineral (S1)
☐ 2.5 cm Mucky Peat or Peat (S2) **(LRR G, H)**
☐ 5 cm Mucky Peat or Peat (S3) **(LRR F)**

☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)
☐ High Plains Depressions (F16)
(MLRA 72 & 73 of LRR H)

Indicators for Problematic Hydric Soils³:

☐ 1 cm Muck (A9) **(LRR I, J)**
☐ High Plains Depressions (F16)
(LRR H outside of MLRA 72 & 73)
☐ Reduced Vertic (F18)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (F22)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.**Restrictive Layer (if observed):**

Type: 10

Depth (inches): Hard packed material

Hydric Soil Present?

Yes ☐ No ☒

Remarks:

While an impenetrable layer was encountered at approximately 10 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Water-Stained Leaves (B9)

☐ Salt Crust (B11)
☐ Aquatic Invertebrates (B13)
☐ Hydrogen Sulfide Odor (C1)
☐ Dry-Season Water Table (C2)
☐ Oxidized Rhizospheres on Living Roots (C3)
(where not tilled)
☐ Presence of Reduced Iron (C4)
☐ Thin Muck Surface (C7)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

☐ Surface Soil Cracks (B6)
☐ Sparsely Vegetated Concave Surface (B8)
☐ Drainage Patterns (B10)
☐ Oxidized Rhizospheres on Living Roots (C3)
(where tilled)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)
☐ Frost-Heave Hummocks (D7) **(LRR F)**

Field Observations:

Surface Water Present? Yes ☐ No ☒
 Water Table Present? Yes ☐ No ☒
 Saturation Present? Yes ☐ No ☒
 (includes capillary fringe)

Depth (inches):

Depth (inches):

Depth (inches):

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:

No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **T1SP06**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T1SP06.

Point Associated	T1SP06 (Upland)
Direction	281° WNW
Location	27.835526, -99.432632
Photo Date	Monday December 8, 2025 2:35 PM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T1SP06.

Point Associated	T1SP06 (Upland)
Direction	182° SSW
Location	27.835526, -99.432632
Photo Date	Monday December 8, 2025 2:32 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T1SP07	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Hillslope		Local relief (concave, convex, none): None		Slope (%): 15	
Subregion (LRR/MLRA): I 83A		Lat: 27.835289		Long: -99.432549	
Datum: NAD83_2011		Soil Map Unit Name: PaB - Palafox clay loam, 0 to 3 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)					
Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No					
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes No			Is the Sampled Area within a Wetland? Yes No		
Hydric Soil Present? Yes No					
Wetland Hydrology Present? Yes No					
Remarks: Sample point recorded to represent a slightly different vegetation community comprised of mesquite scrub-shrub. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1. Prosopis glandulosa		25		FACU	
2.					
3.					
4.					
		25	=Total Cover		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 100 x 4 = 400 UPL species 25 x 5 = 125 Column Totals: 125 (A) 525 (B) Prevalence Index = B/A = 4.20
Sapling/Shrub Stratum (Plot size: 15 ft r)					
1. Prosopis glandulosa		75		FACU	
2. Aloysia gratissima		25		UPL	
3.					
4.					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.					
		100	=Total Cover		
Herb Stratum (Plot size: 5 ft r)					
1.					
2.					Hydrophytic Vegetation Present? Yes No
3.					
4.					
5.					
6.					
7.					Hydrophytic Vegetation Present? Yes No
8.					
9.					
10.					
			=Total Cover		
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes No
1.					
2.					
			=Total Cover		
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T1SP07

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 6	10YR 4/2	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) ☐ Histosol (A1) ☐ Histic Epipedon (A2) ☐ Black Histic (A3) ☐ Hydrogen Sulfide (A4) ☐ Stratified Layers (A5) (LRR F) ☐ 1 cm Muck (A9) (LRR F, G, H) ☐ Depleted Below Dark Surface (A11) ☐ Thick Dark Surface (A12) ☐ Iron Monosulfide (A18) ☐ Sandy Mucky Mineral (S1) ☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ☐ 5 cm Mucky Peat or Peat (S3) (LRR F)	Indicators for Problematic Hydric Soils³: ☐ 1 cm Muck (A9) (LRR I, J) ☐ High Plains Depressions (F16) (LRR H outside of MLRA 72 & 73) ☐ Reduced Vertic (F18) ☐ Red Parent Material (F21) ☐ Very Shallow Dark Surface (F22) ☐ Other (Explain in Remarks) ³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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Restrictive Layer (if observed): Type: <u>Hard compact material</u> Depth (inches): <u>6</u>	Hydric Soil Present? Yes ☐ No ☒
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Remarks:
While an impenetrable layer was encountered at approximately 6 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) ☐ Surface Water (A1) ☐ Salt Crust (B11) ☐ High Water Table (A2) ☐ Aquatic Invertebrates (B13) ☐ Saturation (A3) ☐ Hydrogen Sulfide Odor (C1) ☐ Water Marks (B1) ☐ Dry-Season Water Table (C2) ☐ Sediment Deposits (B2) ☐ Oxidized Rhizospheres on Living Roots (C3) ☐ Drift Deposits (B3) (where not tilled) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Thin Muck Surface (C7) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Other (Explain in Remarks) ☐ Water-Stained Leaves (B9)				Secondary Indicators (minimum of two required) ☐ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres on Living Roots (C3) (where tilled) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Geomorphic Position (D2) ☐ FAC-Neutral Test (D5) ☐ Frost-Heave Hummocks (D7) (LRR F)	
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Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes ☐ No ☒
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
No hydraulic was observed at the sample point.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **T1SP07**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			25 =Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			100 =Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T1SP07.

Point Associated	T1SP07 (Upland)
Direction	183° SSW
Location	27.835289, -99.432549
Photo Date	Tuesday December 9, 2025 9:28 AM



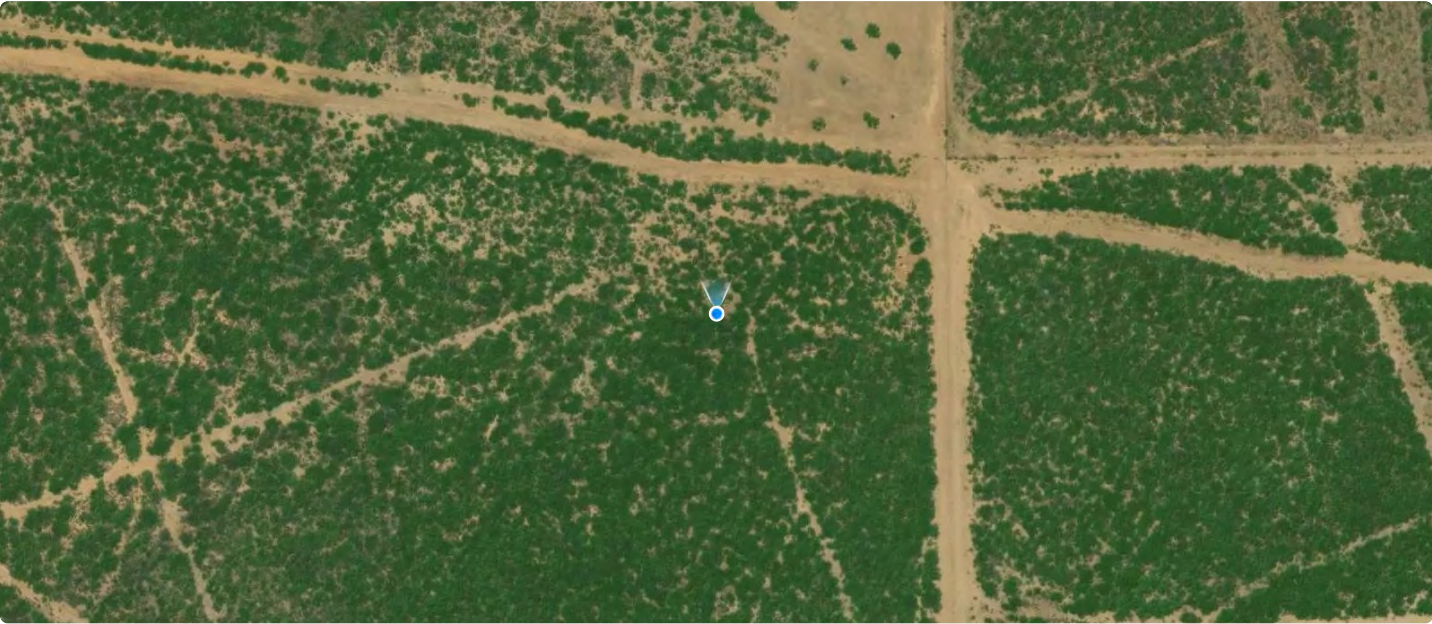
Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T1SP07.

Point Associated	T1SP07 (Upland)
Direction	N/A
Location	27.835289, -99.432549
Photo Date	Tuesday December 9, 2025 9:00 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-09
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T2SP01
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Flat Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR/MLRA): I 83A Lat: 27.835944 Long: -99.429248 Datum: NAD83_2011
Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation ☒, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒
Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☐ No ☒ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
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Remarks:
The sample point was recorded to represent an apparent scrub-shrub area that has been recently cleared. All vegetation within the cleared corridor consists of new growth and is bordered by mature scrub-shrub vegetation on either side. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover <u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>) 1. <u>Acacia farnesiana</u> 5 ☒ UPL 2. <u>Prosopis glandulosa</u> 5 ☒ FACU 3. _____ 4. _____ 5. _____ 10 =Total Cover <u>Herb Stratum</u> (Plot size: <u>5 ft r</u>) 1. <u>Cenchrus ciliaris</u> 50 ☒ UPL 2. <u>Acacia farnesiana</u> 30 ☒ UPL 3. <u>Prosopis glandulosa</u> 15 FACU 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 95 =Total Cover <u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover % Bare Ground in Herb Stratum _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B) Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>20</u> x 4 = <u>80</u> UPL species <u>85</u> x 5 = <u>425</u> Column Totals: <u>105</u> (A) <u>505</u> (B) Prevalence Index = B/A = <u>4.80</u> Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation Present? Yes ☐ No ☒
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Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T2SP01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 8	10YR 3/2	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: <u>Hard compact material</u> Depth (inches): <u>8</u>	Hydric Soil Present? Yes ☐ No ☒
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Remarks:
While an impenetrable layer was encountered at approximately 8 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes ☐ No ☒
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **T2SP01**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T2SP01.

Point Associated	T2SP01 (Upland)
Direction	366° NNE
Location	27.835944, -99.429248
Photo Date	Tuesday December 9, 2025 9:38 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T2SP01.

Point Associated	T2SP01 (Upland)
Direction	281° WNW
Location	27.835944, -99.429248
Photo Date	Tuesday December 9, 2025 9:38 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T2SP02	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 1	
Subregion (LRR/MLRA): I 83A		Lat: 27.834687		Long: -99.429444	
Datum: NAD83_2011		Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: The sample point was recorded to represent a community of Mesquite scrub-shrub that has not been cleared. All three required wetland criteria are absent and this sample point was determined to be located within upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 4 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1. Prosopis glandulosa		5	☒	FACU	
2.					
3.					
4.					
		5	=Total Cover		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 130 x 4 = 520 UPL species 30 x 5 = 150 Column Totals: 160 (A) 670 (B) Prevalence Index = B/A = 4.18
Sapling/Shrub Stratum (Plot size: 15 ft r)					
1. Prosopis glandulosa		75	☒	FACU	
2.					
3.					
4.					
5.					
		75	=Total Cover		Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: 5 ft r)					
1. Opuntia stricta		50	☒	FACU	
2. Cenchrus ciliaris		30	☒	UPL	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		80	=Total Cover		Hydrophytic Vegetation Present? Yes ☐ No ☒
Woody Vine Stratum (Plot size: 30 ft r)					
1.					
2.					
			=Total Cover		
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T2SP02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 6	10YR 3/2	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: <u>Hard compact material</u> Depth (inches): <u>6</u>	Hydric Soil Present? Yes ☐ No ☒
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Remarks:
While an impenetrable layer was encountered at approximately 6 inches, soils atop this layer do not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes ☐ No ☒
---	---

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: T2SP02

<u>Tree Stratum</u>		Absolute % Cover	Dominant Species?	Indicator Status
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>5</u>	=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
		<u>75</u>	=Total Cover	
<u>Herb Stratum</u>				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
		<u>80</u>	=Total Cover	
<u>Woody Vine Stratum</u>				
3.				
4.				
5.				
6.				
7.				
			=Total Cover	

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.

Woody Vine – All woody vines, regardless of height.

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T2SP02.

Point Associated	T2SP02 (Upland)
Direction	263° W
Location	27.834687, -99.429444
Photo Date	Tuesday December 9, 2025 9:38 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T2SP02.

Point Associated	T2SP02 (Upland)
Direction	134° SE
Location	27.834687, -99.429444
Photo Date	Tuesday December 9, 2025 9:47 AM



Anchor QEA

U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T2SP03	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%):	
Subregion (LRR/MLRA): I 83A		Lat: 27.833781		Long: -99.429425	
Datum: NAD83_2011		Soil Map Unit Name: CaB - Catarina clay, 0 to 2 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)					
Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No					
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes No			Is the Sampled Area within a Wetland? Yes No		
Hydric Soil Present? Yes No					
Wetland Hydrology Present? Yes No					
Remarks: The sample appointment was recorded to represent a community of Mesquite scrub-shrub that has not been cleared. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 4 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1. Prosopis glandulosa		50		FACU	
2.					
3.					
4.					
		50 =Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 135 x 4 = 540 UPL species 100 x 5 = 500 Column Totals: 235 (A) 1040 (B) Prevalence Index = B/A = 4.42
1. Prosopis glandulosa		75		FACU	
2. Vachellia rigidula		25		UPL	
3.					
4.					
		100 =Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Cenchrus ciliaris		75		UPL	
2. Opuntia stricta		10		FACU	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		85 =Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes No
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T2SP03

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 3/2	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____ No ☒	Depth (inches): _____		
Water Table Present?	Yes _____ No ☒	Depth (inches): _____		
Saturation Present?	Yes _____ No ☒	Depth (inches): _____		
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T2SP03**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>50</u> =Total Cover				
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
<u>100</u> =Total Cover				
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
<u>85</u> =Total Cover				
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ =Total Cover				

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T2SP03.

Point Associated	T2SP03 (Upland)
Direction	214° SW
Location	27.833781, -99.429425
Photo Date	Tuesday December 9, 2025 10:04 AM



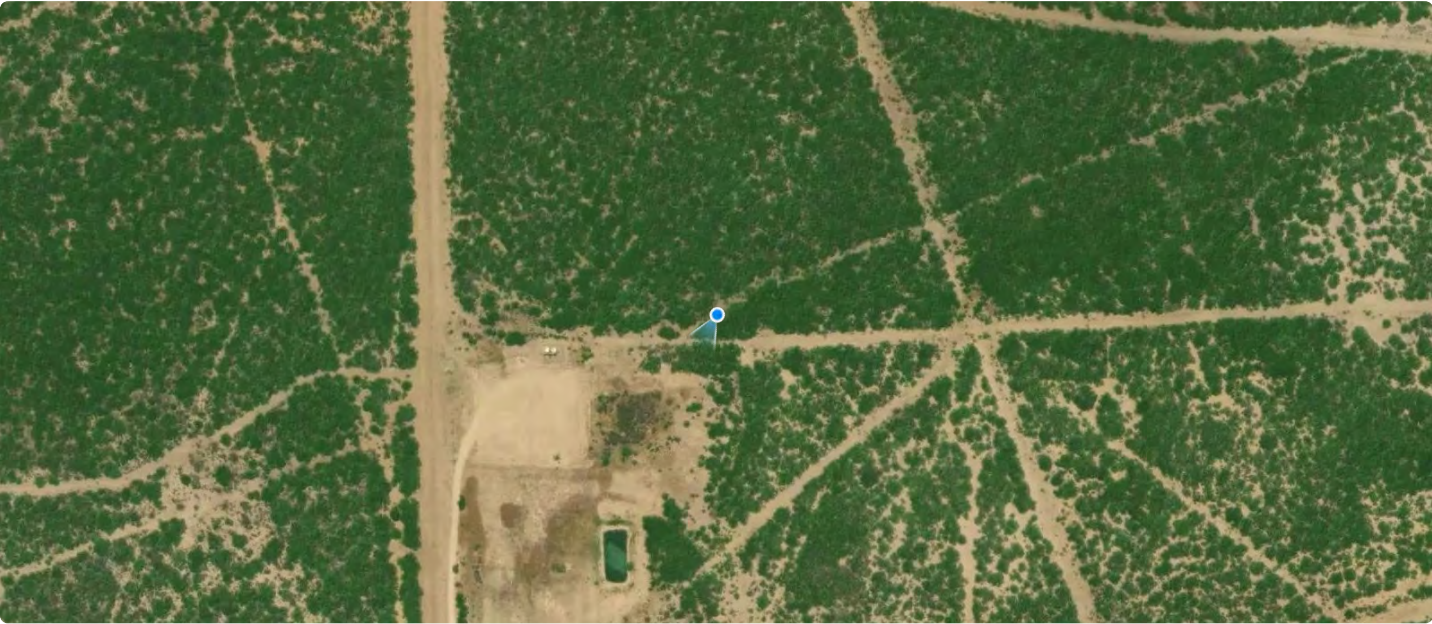
Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T2SP03.

Point Associated	T2SP03 (Upland)
Direction	210° SW
Location	27.833781, -99.429425
Photo Date	Tuesday December 9, 2025 10:04 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR	OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site: Laredo Gateway Industrial Railway Project City/County: Webb County Sampling Date: 2025-12-09
Applicant/Owner: Gateway Core Equity, LTD State: Texas Sampling Point: T3SP01
Investigator(s): AP/NA Section, Township, Range: _____
Landform (hillside, terrace, etc.): Flat Local relief (concave, convex, none): None Slope (%): 1
Subregion (LRR/MLRA): I 83B Lat: 27.836064 Long: -99.4156518 Datum: NAD83_2011
Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes NWI classification: _____
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation ☒, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒
Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☐ No ☒ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
---	--

Remarks:
The sample point was recorded to represent an apparent scrub-shrub area that has been recently cleared. All vegetation within the cleared corridor consists of new growth and is bordered by mature scrub-shrub vegetation on either side. All three wetland criteria are absent. Therefore, this sample point was determined to be located within upland habitat.

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ 3. _____ 4. _____ =Total Cover <u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>) 1. <u>Prosopis glandulosa</u> 30 ☒ FACU 2. <u>Acacia farnesiana</u> 15 ☒ UPL 3. _____ 4. _____ 5. _____ 45 =Total Cover <u>Herb Stratum</u> (Plot size: <u>5 ft r</u>) 1. <u>Ziziphus obtusifolia</u> 20 ☒ FACU 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 20 =Total Cover <u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>) 1. _____ 2. _____ =Total Cover % Bare Ground in Herb Stratum _____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B) Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>50</u> x 4 = <u>200</u> UPL species <u>15</u> x 5 = <u>75</u> Column Totals: <u>65</u> (A) <u>275</u> (B) Prevalence Index = B/A = <u>4.23</u> Hydrophytic Vegetation Indicators: ____ 1 - Rapid Test for Hydrophytic Vegetation ____ 2 - Dominance Test is >50% ____ 3 - Prevalence Index is ≤3.0 ¹ ____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation Present? Yes ☐ No ☒
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Remarks:
Vegetation does not meet wetland criteria.

SOIL

Sampling Point: T3SP01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/2	100					Sandy Loam	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: **T3SP01**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T3SP01.

Point Associated	T3SP01 (Upland)
Direction	265° W
Location	27.836064, -99.4156518
Photo Date	Tuesday December 9, 2025 10:43 AM



Laredo Gateway Industrial Railway Project
Great Plains - 2024



View of soil sample collected as T3SP01.

Point Associated	T3SP01 (Upland)
Direction	N/A
Location	27.836064, -99.4156518
Photo Date	Tuesday December 9, 2025 10:42 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR				OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)	
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-09	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T3SP02	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Slope		Local relief (concave, convex, none): None		Slope (%): 15	
Subregion (LRR/MLRA): I 83B		Lat: 27.835022		Long: -99.416580	
Datum: NAD83_2011		Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes			
NW1 classification:					
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: Sample point recorded to represent a scrub-shrub area located immediately adjacent to a recently cleared area. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 125 x 4 = 500 UPL species 20 x 5 = 100 Column Totals: 145 (A) 600 (B) Prevalence Index = B/A = 4.13
1. Prosopis glandulosa		75	☒	FACU	
2.					
3.					
4.					
5.					
		75	=Total Cover		
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Opuntia stricta		50	☒	FACU	
2. Cenchrus ciliaris		20	☒	UPL	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		70	=Total Cover		Hydrophytic Vegetation Present? Yes ☐ No ☒
Woody Vine Stratum (Plot size: 30 ft r)					
1.					
2.					
			=Total Cover		
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T3SP02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/2	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T3SP02**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T3SP02.

Point Associated	T3SP02 (Upland)
Direction	448° E
Location	27.835022, -99.416580
Photo Date	Tuesday December 9, 2025 10:53 AM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T3SP02.

Point Associated	T3SP02 (Upland)
Direction	144° SSE
Location	27.835022, -99.416580
Photo Date	Tuesday December 9, 2025 10:55 AM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-08	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T4SP01	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 3	
Subregion (LRR/MLRA): I 83B		Lat: 27.838209		Long: -99.411443	
Datum: NAD83_2011					
Soil Map Unit Name: MgC - Moglia clay loam, 1 to 5 percent slopes		NW1 classification:			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: Sample point recorded to represent relatively undisturbed scrub-shrub areas located adjacent to the northern project review area boundary and near the highway. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 10 x 4 = 40 UPL species 75 x 5 = 375 Column Totals: 85 (A) 415 (B) Prevalence Index = B/A = 4.88
1. Acacia farnesiana		15	☒	UPL	
2. Prosopis glandulosa		10	☒	FACU	
3.					
4.					
5.					
		25 =Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Cenchrus ciliaris		50	☒	UPL	
2. Acacia farnesiana		10		UPL	
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		60 =Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T4SP01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 5/3	85					Sandy Clay	
0 - 18	10YR 6/3	15					Sandy Clay	
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)**

☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5) **(LRR F)**
☐ 1 cm Muck (A9) **(LRR F, G, H)**
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Iron Monosulfide (A18)
☐ Sandy Mucky Mineral (S1)
☐ 2.5 cm Mucky Peat or Peat (S2) **(LRR G, H)**
☐ 5 cm Mucky Peat or Peat (S3) **(LRR F)**

☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)
☐ High Plains Depressions (F16)
(MLRA 72 & 73 of LRR H)

Indicators for Problematic Hydric Soils³:

☐ 1 cm Muck (A9) **(LRR I, J)**
☐ High Plains Depressions (F16)
(LRR H outside of MLRA 72 & 73)
☐ Reduced Vertic (F18)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (F22)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.**Restrictive Layer (if observed):**

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Water-Stained Leaves (B9)
☐ Salt Crust (B11)
☐ Aquatic Invertebrates (B13)
☐ Hydrogen Sulfide Odor (C1)
☐ Dry-Season Water Table (C2)
☐ Oxidized Rhizospheres on Living Roots (C3)
(where not tilled)
☐ Presence of Reduced Iron (C4)
☐ Thin Muck Surface (C7)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

☐ Surface Soil Cracks (B6)
☐ Sparsely Vegetated Concave Surface (B8)
☐ Drainage Patterns (B10)
☐ Oxidized Rhizospheres on Living Roots (C3)
(where tilled)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)
☐ Frost-Heave Hummocks (D7) **(LRR F)**

Field Observations:

Surface Water Present? Yes _____ No ☒ Depth (inches): _____
 Water Table Present? Yes _____ No ☒ Depth (inches): _____
 Saturation Present? Yes _____ No ☒ Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes _____ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:

No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: T4SP01

<u>Tree Stratum</u>		Absolute % Cover	Dominant Species?	Indicator Status
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
		25	=Total Cover	
<u>Herb Stratum</u>				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
		60	=Total Cover	
<u>Woody Vine Stratum</u>				
3.				
4.				
5.				
6.				
7.				
			=Total Cover	

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.

Woody Vine – All woody vines, regardless of height.

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T4SP01.

Point Associated	T4SP01 (Upland)
Direction	260° W
Location	27.838209, -99.411443
Photo Date	Monday December 8, 2025 3:27 PM



Laredo Gateway Industrial Railway Project

Great Plains - 2024



View of soil sample collected as T4SP01.

Point Associated	T4SP01 (Upland)
Direction	269° W
Location	27.838209, -99.411443
Photo Date	Monday December 8, 2025 3:26 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-08	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T4SP02	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 3	
Subregion (LRR/MLRA): I 83B		Lat: 27.837164		Long: -99.411320	
				Datum: NAD83_2011	
Soil Map Unit Name: MgC - Moglia clay loam, 1 to 5 percent slopes		NW1 classification:			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☐ No ☒					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☐ No ☒ Wetland Hydrology Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Remarks: This sample pint was recorded to represent an scrub-shrub area located on the easternmost portion of the project review area. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 3 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 40 x 4 = 160 UPL species 55 x 5 = 275 Column Totals: 95 (A) 435 (B) Prevalence Index = B/A = 4.57
1. Prosopis glandulosa		25	☒	FACU	
2. Acacia farnesiana		10	☒	UPL	
3.					
4.					
		=Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Cenchrus ciliaris		30	☒	UPL	
2. Acacia farnesiana		15	☒	UPL	
3. Prosopis glandulosa		15	☒	FACU	
4.					
5.					
6.					
7.					
8.					
9.					
		=Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T4SP02

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/4	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :
☐ Histosol (A1)	☐ Sandy Gleyed Matrix (S4)	☐ 1 cm Muck (A9) (LRR I, J)
☐ Histic Epipedon (A2)	☐ Sandy Redox (S5)	☐ High Plains Depressions (F16)
☐ Black Histic (A3)	☐ Stripped Matrix (S6)	(LRR H outside of MLRA 72 & 73)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1)	☐ Reduced Vertic (F18)
☐ Stratified Layers (A5) (LRR F)	☐ Loamy Gleyed Matrix (F2)	☐ Red Parent Material (F21)
☐ 1 cm Muck (A9) (LRR F, G, H)	☐ Depleted Matrix (F3)	☐ Very Shallow Dark Surface (F22)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Other (Explain in Remarks)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	
☐ Iron Monosulfide (A18)	☐ Redox Depressions (F8)	
☐ Sandy Mucky Mineral (S1)	☐ High Plains Depressions (F16)	
☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H)	(MLRA 72 & 73 of LRR H)	
☐ 5 cm Mucky Peat or Peat (S3) (LRR F)		

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: _____ Depth (inches): _____	Yes _____ No ☒

Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
☐ Surface Water (A1)	☐ Salt Crust (B11)	☒ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Invertebrates (B13)	☐ Sparsely Vegetated Concave Surface (B8)	
☐ Saturation (A3)	☐ Hydrogen Sulfide Odor (C1)	☐ Drainage Patterns (B10)	
☐ Water Marks (B1)	☐ Dry-Season Water Table (C2)	☐ Oxidized Rhizospheres on Living Roots (C3)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	(where tilled)	
☐ Drift Deposits (B3)	(where not tilled)	☐ Crayfish Burrows (C8)	
☐ Algal Mat or Crust (B4)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ FAC-Neutral Test (D5)	
☐ Water-Stained Leaves (B9)		☐ Frost-Heave Hummocks (D7) (LRR F)	

Field Observations:				Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present?	Yes _____	No ☒	Depth (inches): _____	
Water Table Present?	Yes _____	No ☒	Depth (inches): _____	
Saturation Present?	Yes _____	No ☒	Depth (inches): _____	
(includes capillary fringe)				

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No primary indicators of wetland hydrology was observed. Minor surface soil cracks are present may be associate with shrink-swell properties of clay soils rather than the result of regular hydrology. Regardless, this is the only secondary indicator observed and is not sufficient for establishing wetland hydrology in the absence of other indicators.

VEGETATION Continued – Use scientific names of plants.

 Sampling Point: **T4SP02**

<u>Tree Stratum</u>	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size. Woody Vine – All woody vines, regardless of height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
			=Total Cover	
<u>Sapling/Shrub Stratum</u>				
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
			=Total Cover	
<u>Herb Stratum</u>				
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
21. _____	_____	_____	_____	
22. _____	_____	_____	_____	
			=Total Cover	
<u>Woody Vine Stratum</u>				
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
			=Total Cover	

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T4SP02.

Point Associated	T4SP02 (Upland)
Direction	343° N
Location	27.837164, -99.411320
Photo Date	Monday December 8, 2025 3:45 PM



U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Great Plains Region See ERDC/EL TR-10-1; the proponent agency is CECW-COR			OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)		
Project/Site: Laredo Gateway Industrial Railway Project		City/County: Webb County		Sampling Date: 2025-12-08	
Applicant/Owner: Gateway Core Equity, LTD		State: Texas		Sampling Point: T4SP03	
Investigator(s): AP/NA		Section, Township, Range:			
Landform (hillside, terrace, etc.): Flat		Local relief (concave, convex, none): None		Slope (%): 3	
Subregion (LRR/MLRA): I 83B		Lat: 27.836114		Long: -99.411457	
Datum: NAD83_2011					
Soil Map Unit Name: BrB - Brystal fine sandy loam, 0 to 3 percent slopes		NW1 classification:			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐					
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes ☐ No ☒			Is the Sampled Area within a Wetland? Yes ☐ No ☒		
Hydric Soil Present? Yes ☐ No ☒					
Wetland Hydrology Present? Yes ☐ No ☒					
Remarks: Sample recorded in a primarily herbaceous area. All three wetland criteria are lacking and the sample point was determined to be located in upland habitat.					
VEGETATION – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant Species Across All Strata: 2 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)
1.					
2.					
3.					
4.					
		=Total Cover			
Sapling/Shrub Stratum (Plot size: 15 ft r)					Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 0 x 2 = 0 FAC species 0 x 3 = 0 FACU species 15 x 4 = 60 UPL species 45 x 5 = 225 Column Totals: 60 (A) 285 (B) Prevalence Index = B/A = 4.75
1.					
2.					
3.					
4.					
		=Total Cover			
Herb Stratum (Plot size: 5 ft r)					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. Acacia farnesiana		25	✓	UPL	
2. Cenchrus ciliaris		20	✓	UPL	
3. Prosopis glandulosa		15	✓	FACU	
4.					
5.					
6.					
7.					
8.					
9.					
10.					
		60 =Total Cover			
Woody Vine Stratum (Plot size: 30 ft r)					Hydrophytic Vegetation Present? Yes ☐ No ☒
1.					
2.					
		=Total Cover			
% Bare Ground in Herb Stratum					
Remarks: Vegetation does not meet wetland criteria.					

SOIL

Sampling Point: T4SP03

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0 - 18	10YR 4/4	100					Sandy Clay	
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) ☐ Histosol (A1) ☐ Histic Epipedon (A2) ☐ Black Histic (A3) ☐ Hydrogen Sulfide (A4) ☐ Stratified Layers (A5) (LRR F) ☐ 1 cm Muck (A9) (LRR F, G, H) ☐ Depleted Below Dark Surface (A11) ☐ Thick Dark Surface (A12) ☐ Iron Monosulfide (A18) ☐ Sandy Mucky Mineral (S1) ☐ 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ☐ 5 cm Mucky Peat or Peat (S3) (LRR F)	Indicators for Problematic Hydric Soils³: ☐ 1 cm Muck (A9) (LRR I, J) ☐ High Plains Depressions (F16) (LRR H outside of MLRA 72 & 73) ☐ Reduced Vertic (F18) ☐ Red Parent Material (F21) ☐ Very Shallow Dark Surface (F22) ☐ Other (Explain in Remarks)
---	--

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes _____ No ☒
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Remarks:
Soil does not exhibit hydric criteria.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)				Secondary Indicators (minimum of two required)			
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift Deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9)	☐ Salt Crust (B11) ☐ Aquatic Invertebrates (B13) ☐ Hydrogen Sulfide Odor (C1) ☐ Dry-Season Water Table (C2) ☐ Oxidized Rhizospheres on Living Roots (C3) (where not tilled) ☐ Presence of Reduced Iron (C4) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres on Living Roots (C3) (where tilled) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Geomorphic Position (D2) ☐ FAC-Neutral Test (D5) ☐ Frost-Heave Hummocks (D7) (LRR F)					

Field Observations: Surface Water Present? Yes _____ No ☒ Depth (inches): _____ Water Table Present? Yes _____ No ☒ Depth (inches): _____ Saturation Present? Yes _____ No ☒ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No ☒
--	--

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
 According to the USACE's APT, climatic conditions present at the time of the survey are considered normal. Wetland hydrology indicators were recorded with this condition in mind.

Remarks:
No indicators of wetland hydrology were observed.

VEGETATION Continued – Use scientific names of plants.

Sampling Point: T4SP03

<u>Tree Stratum</u>	<u>Absolute % Cover</u>	<u>Dominant Species?</u>	<u>Indicator Status</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
	_____ =Total Cover		
<u>Sapling/Shrub Stratum</u>			
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
13. _____	_____	_____	_____
	_____ =Total Cover		
<u>Herb Stratum</u>			
11. _____	_____	_____	_____
12. _____	_____	_____	_____
13. _____	_____	_____	_____
14. _____	_____	_____	_____
15. _____	_____	_____	_____
16. _____	_____	_____	_____
17. _____	_____	_____	_____
18. _____	_____	_____	_____
19. _____	_____	_____	_____
20. _____	_____	_____	_____
21. _____	_____	_____	_____
22. _____	_____	_____	_____
	<u>60</u> =Total Cover		
<u>Woody Vine Stratum</u>			
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	_____ =Total Cover		

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.

Woody Vine – All woody vines, regardless of height.

Remarks:

Vegetation does not meet wetland criteria.

Laredo Gateway Industrial Railway Project

Great Plains - 2024



Typical view of upland habitat at T4SP03.

Point Associated	T4SP03 (Upland)
Direction	180° SSW
Location	27.836114, -99.411457
Photo Date	Monday December 8, 2025 3:55 PM

