



**U.S. Department of Housing and Urban
Development**

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Washington, DC 20410
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Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

Project Information

Project Name: Communications Tower in Southeast Austin Fire Station 1101

Responsible Entity: City of Austin, TX

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: B-16-DH-48-001; CDBG-DR

Preparer: Michael Simpson

Certifying Officer Name and Title: Rey Arellano, Assistant City Manager

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable): Motorola Preliminary Professional, Engineering and Design Services; Enertech Resources, LLC Environmental Administrative Services

Direct Comments to: Michael Simpson, Wireless Program Services Manager

Project Location: Fire Station 1101, 9019 Elroy Road Del Valle, TX 78617, Lat: 30-07-17.82N; Long: 97-37-58.95 W (NAD 83)

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]: The proposed project consists of the construction of an emergency radio communications tower on behalf of the City of Austin. The tower will be a 182' self-support structure, equipped with FAA required lighting. The compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a 499-gallon diesel fuel tank attached to a concrete pad with secondary containment. The compound for the tower will be accessed through an existing driveway and parking lot located within the property boundary of Fire Station 1101. The subject property is owned by Travis County Emergency Service District #11. Following completion of environmental review, the City of Austin and Travis County Emergency Services District 11 will discuss land use agreements for the tower placement. The proposed tower location has existing fire safety and training buildings to the east of the location. North of the proposed tower location is a box storage container. As the project is considered a critical action all associated equipment shelters, generators, and diesel storage must be elevated and/or floodproofed a minimum of 3 feet above the nearest base flood elevation. The subject property is located entirely within Zone X per FEMA panel 48453C0710J, effective on 01/06/2016. The subject property shows a ground elevation of approximately 597'. Due to the topographic gradient and significant elevation change between the Zone A location and the subject property the subject site has little potential to be affected by flooding. As Zone A flood plains do not have a base flood elevation (BFE) determined GPD Group used the Estimated Base Flood Elevation (estBFE) tool available through FEMA. Based on the estBFE tool the nearest .2 percent (500 year) base flood elevation to the subject property is 554'. As the subject property shows an elevation of 597' and the nearest estimated base flood elevation is reported at 554' any equipment installed will be more than 40 feet above the nearest base flood elevation thus meeting the requirements established for critical actions.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]: The proposed project is needed to improve the public safety and public service radio communications systems related for local government responses to calls for service from the public. It will add much needed additional radio signal coverage and system capacity in southeast Travis County.

Existing Conditions and Trends [24 CFR 58.40(a)]: The project area is a small grass patch near existing storage shipping containers and a structure used for fire safety training. The permanent structures to the east of the project location are used for fire safety and training practices. The structure to the north of the proposed location is a non-permanent storage container. The proposed project will improve E-911 and internal emergency responder communication. Based on the site evaluation there are no negative impacts anticipated to the environment due to the proposed project. The proposed site design will comply with established FCC guidelines related to RF Emissions exposure (47 CFR Section 1.1301). The City of Austin recognized a need for the proposed self-support tower and subsequent collocation of antennas to provide more system capacity and effective radio signal propagation for coverage of the target LMI census tract areas. Through the construction of this tower and enhancement of the communications system public-safety first responders, as well as public-service agencies (water, electric, transportation, watershed protection, animal control, resource recovery, etc.), within Travis County will have a more robust dedicated network, enabling more effective communication in delivery services to members of the public.

Funding Information

Grant Number	HUD Program	Funding Amount
B-16-DH-48-0001	CDBG-DR	\$4,860,508.73

Estimated Total HUD Funded Amount: \$4,860,508.73

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$4,860,508.7

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Federal Aviation Administration study 2019-ASW-262-OE of No Hazard was released on 2/14/2019 and extended on 7/22/2020. The project is not within 2,500 feet of a civilian airport nor within 15,000 feet of a military airport. See airport location map and Airport Hazards review. The project meets FAA No Hazard To Aviation Requirements (see attached determination).
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Travis County is not associated nor located near any Coastal Barrier Resources. Fire Station 1101 is approximately 141 miles from the nearest Texas Coastal Barrier Unit. Therefore, this project has no potential to impact and is in compliance with the Coastal

		Barrier Resources Act. See attached map for reference.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Located in flood zone X. FEMA Firm panel 48453C0710J effective 1/6/2016. Flood insurance is not required under Part 58. The City of Austin participates in FEMA's National Flood Program; however, the project does not require flood insurance. The project is in compliance with Flood Insurance requirements. Please see attached FEMA map for reference.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project does not include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities of five or more dwelling units. Therefore, this project includes no activities that would require further evaluation under the Clean Air Act. On November 16, 2017, the EPA designated the majority of Texas, including Travis, Williamson, Bastrop, Hays, and Caldwell Counties, as attainment/unclassifiable for the 2015 eight-hour ozone NAAQS, with an effective date of January 16, 2018. The installation of a communications tower will not create any air quality conditions. The project is in compliance with the Clean Air Act.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Travis County is not located in the Coastal Zone Management area. Fire Station 1101 is located more than 100 miles from any counties associated with Coastal Zone Management. Project is in compliance with the Coastal Zone Management Act. Please reference attached map.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The results of the Phase 1 environmental site assessment (ESA) showed no recognized environmental concerns for this site. The Phase 1 was conducted as a preliminary

		<p>environmental review of existing site conditions as the location is not owned and maintained by the City of Austin and is currently occupied by an operational Fire Station. There were no indications of pre-existing contaminants or suspected environmental concerns with the site location necessitating the assessment. The site visit confirmed there were no indications of pre-existing contaminants or recognized environmental concerns. There was no evidence of distressed soil or vegetation at the subject property. At the time of the site visit the subject property consisted weed/grass area and of a wood pile and charcoal/ash piles, indicative of a controlled burn area overseen by the fire department.</p> <p>There was no evidence of recognized environmental concerns associated with the subject property, and no recommendations for further testing. A radius report completed by GeoSearch is attached showing existing environmental conditions, distances, and mapped areas with potential environmental issues. The subject property has no mapped or noted environmental concerns. Please reference site photographs and attached site visit checklist.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is located in Travis County, Texas. Based on the Official Species List published by the U.S. Fish and Wildlife Service on the Information for Planning and Consultation (IPaC) system, the following species are listed as being present in Travis County, Texas:</p> <p>Federal Listing:</p> <p>Birds:</p> <p>Golden-cheeked Warbler- Federally Endangered, No critical habitat for this species</p> <p>Least Tern- Federally Endangered, No critical habitat for this species. Only to be considered for wind energy project.</p>

	<p>Piping Plover- Federally Threatened, there is final critical habitat for this species. The project location is outside the critical habitat. Only to be considered for wind energy projects.</p> <p>Red Knot- Federally Threatened, No critical habitat for this species. Only to be considered for wind energy projects.</p> <p>Whooping Crane- Federally Endangered, there is final critical habitat for this species. The project location is outside the critical habitat.</p> <p>There will be no tree removal and the area is previously developed/disturbed.</p> <p>Amphibians:</p> <p>Austin Blind Salamander- Federally Endangered, there is final critical habitat for this species. The project location is outside the critical habitat.</p> <p>Barton Springs Salamander- Federally Endangered, No critical habitat for this species.</p> <p>Jollyville Plateau Salamander- Federally Threatened, there is final critical habitat for this species. The project location is outside the critical habitat.</p> <p>Clams:</p> <p>Texas Fatmucket- Candidate Species, No critical habitat for this species</p> <p>Texas Fawnsfoot- Candidate Species, No critical habitat for this species</p> <p>Texas Pimpleback- Candidate Species, No critical habitat for this species</p> <p>Insects:</p> <p>Kretschmarr Cave Mold Beetle- Federally Endangered, No critical habitat for this species</p> <p>Tooth Cave Ground Beetle- Federally Endangered, No critical habitat for this species</p> <p>Arachnids:</p>
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	<p>Bee Creek Cave Harvestman- Federally Endangered, No critical habitat for this species</p> <p>Bone Cave Harvestman- Federally Endangered, No critical habitat for this species</p> <p>Tooth Cave Pseudoscorpion- Federally Endangered, No critical habitat for this species</p> <p>Tooth Cave Spider- Federally Endangered, No critical habitat for this species</p> <p>Flowering Plants:</p> <p>Bracted Twistflower- Candidate Species, No critical habitat for this species</p> <p>No suitable habitats for the listed species were identified, therefore the project would have no effect on federally listed, threatened, or endangered species. A Federal agency is not required to consult with the USFWS if it determines an action will not affect listed species or critical habitat. The IPaC Official Species List is attached for reference. This project is in compliance with the Endangered Species Act.</p> <p>State Listed Species:</p> <p>Amphibians:</p> <p>Austin Blind Salamander – reference federal listing review.</p> <p>Barton Springs Salamander – reference federal listing review</p> <p>Jollyville Plateau Salamander – reference federal listing review</p> <p>Strecker’s Chorus Frog – no critical habitat for this species</p> <p>Woodhouse’s Toad – no critical habitat for this species</p> <p>Arachnids:</p> <p>Bandit cave spider - no critical habitat for this species</p> <p>Bone Cave Harvestman - reference federal listing review.</p>
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	<p>Texella Grubbsi – no critical habitat for this species</p> <p>Texella spinoperca – no critical habitat for this species</p> <p>Tartarocreagris infernalis – no critical habitat for this species</p> <p>Tartarocreagris intermedia – no critical habitat for this species</p> <p>Tartarocreagris attenuate – no critical habitat for this species</p> <p>Tartarocreagris domina – no critical habitat for this species</p> <p>Tartarocreagris Proserpina – no critical habitat for this species</p> <p>Cicurina trivisaie – no critical habitat for this species</p> <p>Eidmannella reclusa – no critical habitat for this species</p> <p>Texella reddelli – no critical habitat for this species</p> <p>Tooth Cave pseudoscorpion - reference federal listing review.</p> <p>Tooth Cave spider - reference federal listing review.</p> <p>Birds:</p> <p>Bald Eagle – Threatened status, subject site location not suitable habitat.</p> <p>Black Rail – Threatened status, subject site location not suitable habitat.</p> <p>Black Capped Vireo – subject site location not suitable habitat</p> <p>Franklin’s Gull – migrates through Texas, subject site location not suitable habitat</p> <p>Golden Cheeked Warbler – reference federal listing review.</p> <p>Interior Least Tern – Endangered status, subject site location not suitable habitat.</p> <p>Mountain Plover – subject site location not suitable habitat</p>
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		<p>Piping Plover – reference federal listing review.</p> <p>Swallow Tailed Kite – Threatened status, subject site location not suitable habitat</p> <p>Western Burrowing Owl – roosts in abandoned burrows subject site location is not suitable habitat</p> <p>White faced ibis – Threatened status, subject site location is not suitable habitat</p> <p>Whooping Crane – reference federal listing review</p> <p>Wood Stork – Threatened status, subject site location is not suitable habitat</p> <p>Zone Tailed Hawk – Threatened status, subject site location is not suitable habitat</p> <p>The United States Fish and Wildlife Service Migratory Bird Program, released best practices for Communication Towers in March, 2021. The proposed site is under 199’ AGL, avoids wetlands, coastal areas, ridgelines, and other known bird concentration areas. The proposed tower is free standing and will not require guyed wires. Lighting will be completed to meet Federal Aviation Administration requirements. The proposed tower design meets the recommendations provided by the USFWS.</p> <p>The entirety of the proposed property is located within previously disturbed land, with no known suitable habitat. There is no tree or shrub removal associated with the proposed development. The subject property shows with stacked pallets and ash/cinder piles indicative of a controlled burn area. As no suitable habitat for threatened and endangered species is at the subject location the proposed site is in compliance with the Endangered Species Act.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not involve the development of a hazardous facility, however an above ground storage tank with secondary containment is proposed. The</p>

		<p>above ground storage tank is proposed to hold 499 gallons of diesel fuel and would be used for back-up emergency power and elevated to 3 feet above the estimated BFE as required for Critical Actions. The addition of the tower and subsequent emergency generator will not increase congregation at the training buildings therefore ASD calculations are not required. The back-up power solution is needed to ensure emergency communications are uninterrupted during power outages. Diesel has a flashpoint of 140 degrees F (60 degrees C) and is classified as a combustible liquid. The project is in compliance with Explosive and Flammable Hazards.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the soil survey map which is attached for reference there is one type of soil within the project area, BtB (Burluson gravelly clay). Access to the site is through an existing driveway. The proposed tower site and compound would sit on previously disturbed land that contained a wood pile and, compacted dirt, and a mixture of wild grass and weeds. The project is in compliance with the Farmland Protection Policy Act.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The entirety of the project is located in flood zone X. FEMA Firm panel 48453C0710J effective 1/6/2016. Therefore, there will be no impact to floodplain management associated with the project development. As the proposed is considered a critical action all equipment associated with construction is required to be elevated and/or floodproofed at least 3 feet above the nearest base flood elevation (BFE) per available FEMA information. Using the FEMA estimated BFE tool, a flood elevation of 554 feet was provided. The subject property shows an elevation of 597 feet. As the subject property is more than 40 feet higher in elevation than the estimated BFE the site will be in compliance with the requirements associated with critical actions. Please see attached</p>

		FEMA FIRM map and the estimated BFE documentation. The project is in compliance with Floodplain Management.
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>According to a review of the Texas Historical Commission Historic Sites Atlas, no historic sites are located in the vicinity of the project areas. A Historic Sites Atlas Map is attached. The Texas Historical Commission (THC) was consulted. The THC provided concurrence on March 20, 2020 for both above-ground resources and archaeology. No Historic Properties present was the finding. THC concurrence letter is attached for reference.</p> <p>Tribal Directory Assessment Tool (TDAT) was used to identify federally recognized tribes to consult with that have an interest in projects located in Travis County. Tribal nations consulted include: Comanche Nation of Oklahoma, Coshatta Tribe of Louisiana, Tonkawa Tribe of Indians of Oklahoma, Alabama-Coushatta Tribe of Texas, Apache Tribe of Oklahoma, and Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie) of Oklahoma. The City of Austin provided no responses from the tribal nations that were consulted. Tribal consultation is attached for reference.</p> <p>Based on Section 106 consultation there are no Historic Properties Affected. In compliance with THC if buried cultural materials are encountered during construction or disturbance activities, work will cease in the immediate area and THC's Archaeology Division will be contacted to consult on further actions that may be necessary to protect the cultural remains. The project is in compliance with Section 106.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not involve construction for residential use, a rehabilitation of existing residential properties, or a research demonstration. Therefore, this project does not include activities that would require further evaluation under HUD's noise</p>

		regulation. The project is in compliance with HUD's Noise regulation.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project site is approximately 12 miles west of the Edwards Aquifer II (Austin Area) SSA Artesian Zone, please see attached map for reference. Based on the distance from the aquifer the project will have no impact and is in compliance with the Sole Source Aquifer requirements.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The National Wetlands Inventory data did not indicate the presence of potential wetlands at the project location. Additionally, the soil characteristics noted in the soil survey map and observed on site are not indicative of potential wetlands. A copy of the National Wetlands Inventory map is attached for reference. The project is in compliance with Executive Order 11990.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	As shown on the attached Wild and Scenic Rivers map, this project is not within proximity of a National Wild and Scenic River System river. The project is in compliance with the Wild and Scenic Rivers Act.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The proposed project will not involve acquisition of property resulting in the relocation of residences or displacement of businesses. The project will not impact private property and will not divide or isolate existing neighborhoods. Therefore, while minority and low-income populations are present near the proposed project area, the proposed project will not result in adverse impacts to these populations, the tower project will enhance underserved communities by improving critical infrastructure and communications support for City of Austin and Travis County First Responders, and public-service agencies. No adverse environmental impacts were identified in the project's total environmental review. The Environmental Justice Screen (EJ Screen) report for the project area is

		attached for reference. The project is in compliance with Executive Order 12898.
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Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed site will meet all zoning and planning requirements associated at the city, county, and state level.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	Minimal grading will be accomplished for the compound. No impact is anticipated as the area appears to have previously been leveled for the exterior buildings.
Hazards and Nuisances including Site Safety and Noise	2	Site safety will be in accordance with all applicable OSHA regulations for construction sites. Best management practices will be included in contract specifications. Upon completion of construction no noise impacts are anticipated and there will be no hazards or nuisances associated with the constructed tower and compound.
Energy Consumption	2	For a non-occupied communications tower facility, the largest energy load is the climate control for the equipment shelter. High efficiency HVAC equipment will be required in design consideration.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	There will be no impact to employment and income patterns. The proposed site is located within the property boundary of Fire Station 11
Demographic Character Changes, Displacement	2	No displacement of people will occur. Nor will there be demographic character changes as a result of this project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	Project will not impact any educational or cultural facilities as the proposed site is located within the property boundary of Fire Station 11
Commercial Facilities	2	Project will not impact any commercial facilities as the proposed site is located within the property boundary of Fire Station 11
Health Care and Social Services	2	Project will not impact any health care or social service facilities as the proposed site is located within the property boundary of Fire Station 11
Solid Waste Disposal / Recycling	2	Project will not require solid waste services
Wastewater / Sanitary Sewers	2	Project will not require wastewater/sanitary services.
Water Supply	2	Project will not require water services
Public Safety - Police, Fire and Emergency Medical	1	Project will enhance radio and communication capability for public safety within Travis County.
Parks, Open Space and Recreation	2	Project will not impact any parks or open space and recreation areas as the proposed site is located within the property boundary of Fire Station 11
Transportation and Accessibility	2	Project will have no impact to traffic loading. Access will come from Elroy Road through the Fire Station 11.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		

Unique Natural Features, Water Resources	2	There will be no impact to unique natural features or water resources as none are present in the direct APE.
Vegetation, Wildlife	2	Project will have no impact on vegetation or wildlife, no critical habitats were found in completion of the IPaC. No tree removal is required for site completion.
Other Factors		

Additional Studies Performed: Phase I Environmental Site Assessment as land is not owned by the City of Austin, Federal Aviation Administration Determination of No Hazard, Cultural Resources Assessment completed by Terracon.

Field Inspection (Date and completed by): **Matt Dickson 7/9/2020**

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]: THC, USFWS, HUD, FEMA, EPA, TPWD, TCEQ, NEP Assist, Texas Coastal Management Program, City of Austin Communications and Technology Department - Wireless Communication Services Division, Comanche Nation, Coshatta Tribe of Louisiana, Tonkawa Tribe of Indians of Oklahoma, Alabama-Coshatta Tribe of Texas, Apache Tribe of Oklahoma, Wichita & Affiliated Tribes.

List of Permits Obtained:

The City of Austin has received an approved construction notice from the Federal Aviation Administration, indicating the proposed tower is not a danger to air navigation. COA has also been granted a 30-channel 800 MHz trunked radio system license by the Federal Communications Commission. Public safety towers within the city limits of Austin are exempted from compliance with the city tower ordinance.

Public Outreach [24 CFR 50.23 & 58.43]: **N/A**

Cumulative Impact Analysis [24 CFR 58.32]: The proposed Fire Station 1101 project is part of a communications upgrade for City of Austin-Travis County public safety and public service responders. Additional tower locations are currently being evaluated for other radio system upgrades. The site design associated with Fire Station 1101 shows as providing no negative impact to the surrounding community and environment. COA Wireless Communication Services

Division staff could find no pending other radio tower projects, multistory building projects, or any other planned construction activities or structures that would block, hamper, or otherwise impact the desired radio signal propagation from this location.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9] The criteria for site selection included ground elevation, neighboring property uses, accessibility to roadways, and public communications improvement areas. Due to the disturbance at the proposed site location and the existing access route to reach the site it was determined that Fire Station 1101 was the most viable location for the proposed self-support tower. Two other locations were evaluated but rejected due to unacceptable factors that were identified during the site selection process. One was Travis County Emergency Services Fire Station 1102 at 4010 FM-1327, Buda, TX. It was determined that the eventual height of an adjacent sanitary landfill would interfere with intended microwave network radio transmissions that needed to shoot across the top of the landfill so that the proposed FS1102 tower could communicate to an existing radio tower in south Austin. The second site that was evaluated and rejected was a privately-owned track near 11202 Thaxton Road, Austin, TX. It was determined that the landowner wanted the tower to be situated in a location more distant from the adjoining public road that desirable to the City of Austin. This meant a longer access road would be required, exceeding City of Austin impervious cover limitations on the property, resulting in a potentially expensive remediation process in excess of available funding.

No Action Alternative [24 CFR 58.40(e)]: Based on the site-specific review there are no known adverse effects to the human environment. The proposed site will provide critical infrastructure and communications support for City of Austin and Travis County First Responders, and public-service agencies. Not moving forward with this tower project would mean that the LMI families living in the targeted census tracts would continue to be underserved by insufficient public-safety and public-service agency radio communications channels and capacity, particularly important during major weather events such as the flooding that occurred in 2015.

Summary of Findings and Conclusions: The project site location is suitable from an environmental standpoint and meets the purpose and need of the surrounding community and first responders. The review shows that there are no impacts to the environment based on the proposed site design and plan.

The subject location provides existing utility infrastructure to attain power, existing access road thus minimizing ground disturbing activity, and previously disturbed land for the location of the tower and compound.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

The proposed site location was chosen to avoid impacts to natural settings. Specifically, access will be provided through the existing parking lot/access for Fire Station 1101. The tower location has been utilized for controlled burning of pallets and does not appear to be suitable habitat for species. No tree or shrub removal is needed to facilitate the proposed tower location. Additionally, the proposed tower site utilizes design criteria that were established by the United States Fish and Wildlife Service Migratory Bird Program such as remaining under 199', being a free-standing structure, and not being located on a ridgeline or near a wetland feature. Utilizing an above ground diesel storage tank for back-up power is necessary to ensure public safety communication is not disrupted during any emergency situations. The use of secondary containment provides additional safety measures to prevent spilling/leakage of the diesel. The fire department utilizes buildings to the east of the proposed site for fire safety and training purposes. The location of the above ground storage tank for back-up power is depicted in the western section of the compound, allowing distance from the fire training building. As the project is considered a critical action, all installed equipment shelters, generators, and diesel storage will be elevated a minimum of 3 feet above the nearest ascertainable base flood elevation (BFE) or floodproofed. As the entirety of the proposed project is located within Zone X per FEMA panel 48453C0710J, effective on 01/06/2016 the FEMA Estimated BFE tool was utilized to find the nearest BFE within a mapped flood plain. The nearest flood zone (Zone A) is approximately 1100 feet to the south of the subject property. The FEMA Estimated BFE shows as 554 feet at the Zone A location. The subject property shows a ground elevation of 597 feet. As the subject property is more than 40 feet above the nearest estimated BFE the design of the proposed tower and all associated equipment will meet the requirements established for critical actions.

Law, Authority, or Factor	Mitigation Measure
The United States Fish and Wildlife Service Migratory Bird Program (Endangered Species Act of 1973)	The tower is proposed under 199 feet and is free-standing. Additionally, the site is not located near a ridgeline or wetlands feature. The tower follows the guidelines established by the Migratory Bird Program of the USFWS. No tree or shrub removal is required for the construction of the proposed site.
Explosive & Flammable Hazards 24 CFR Part 51 Subpart C	The proposed generator has secondary containment and will be installed using all applicable OSHA requirements. All generator set manufacturers recommend checks to be performed when the generator is in stand-by mode and when the generator is operating under loaded conditions. Stand-by checks can include fluid checks and loading of generator at given times. The City of Austin will complete a generator check on a two-month interval to ensure proper functioning and the generator is free of leaks.
Floodplain Management	All equipment associated with construction is required to be elevated and/or floodproofed at least 3 feet above the nearest base flood elevation (BFE) per available FEMA information. Using the FEMA estimated BFE tool, a flood elevation of 554 feet was provided. The subject property shows an elevation of 597 feet. The tower structure is floodproofed by design. The equipment shelter, generator, and diesel storage tank will be elevated more than 40 feet above the nearest BFE due to the topographic nature/elevation of the subject site.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	In compliance with THC, if buried cultural materials are encountered during construction or disturbance activities, work will cease in the immediate area and THC's Archaeology Division will be contacted to consult on further actions that may be necessary to protect the cultural remains.

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]
The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]
The project may significantly affect the quality of the human environment.

Preparer Signature:  Date: 5/14/2021

Name/Title/Organization: Matt Dickson/Project Manager/GPD Group

Certifying Officer Signature: Michael Simpson Digitally signed by Michael Simpson
DN: cn=Michael Simpson, o=City of Austin, ou=CTM-
Wireless Division, email=mike.simpson@austintexas.gov,
c=US
Date: 2021.05.22 07:06:56 -0500 Date: 5/14/21

Name/Title: Michael Simpson, City of Austin Wireless Program Services Manager

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

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Airport Hazards (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/airport-hazards>

1. To ensure compatible land use development, you must determine your site’s proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.*

Yes → *Continue to Question 2.*

2. Is your project located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ)?

Yes, project is in an APZ → *Continue to Question 3.*

Yes, project is an RPZ/CZ → *Project cannot proceed at this location.*

No, project is not within an APZ or RPZ/CZ

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within either zone.*

3. Is the project in conformance with DOD guidelines for APZ?

Yes, project is consistent with DOD guidelines without further action.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.*

No, the project cannot be brought into conformance with DOD guidelines and has not been approved. → *Project cannot proceed at this location.*

If mitigation measures have been or will be taken, explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Click here to enter text.

→ *Work with the RE/HUD to develop mitigation measures. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Please see included imagery showing Austin-Bergstrom International Airport being approximately 4.15 miles from the proposed FS1101 location. Additionally the Federal Aviation Administration provided a Determination of No Hazard (study number 2019-ASW-262-OE) released on 02/14/2019 for the proposed tower location. The study was extended on 7/22/2020 and remains no hazard to flights.

Sunset Valley

Ruler

Line Path Polygon Circle 3D path 3D poly

Measure the distance between two points on the ground

Map Length: 4.15 Miles

Ground Length: 4.15

Heading: 158.12 degrees

Mouse Navigation Save Clear

Travis

Austin-Bergstrom International Airport

Thaxton Road Location

FS1101 Location

© 2020 Google

Creedmoor

Imagery Date: 11/22/2019 30°10'02.75" N 97°40'00.0"



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Coastal Barrier Resources (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/coastal-barrier-resources>

Projects located in the following states must complete this form.

Alabama	Georgia	Massachusetts	New Jersey	Puerto Rico	Virgin Islands
Connecticut	Louisiana	Michigan	New York	Rhode Island	Virginia
Delaware	Maine	Minnesota	North Carolina	South Carolina	Wisconsin
Florida	Maryland	Mississippi	Ohio	Texas	

1. Is the project located in a CBRS Unit?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a CBRS Unit.*

Yes → *Continue to 2.*

Federal assistance for most activities may not be used at this location. You must either choose an alternate site or cancel the project. In very rare cases, federal monies can be spent within CBRS units for certain exempted activities (e.g., a nature trail), after consultation with the Fish and Wildlife Service (FWS) (see [16 USC 3505](#) for exceptions to limitations on expenditures).

2. Indicate your recommended course of action for the RE/HUD

Consultation with the FWS

Cancel the project

Worksheet Summary

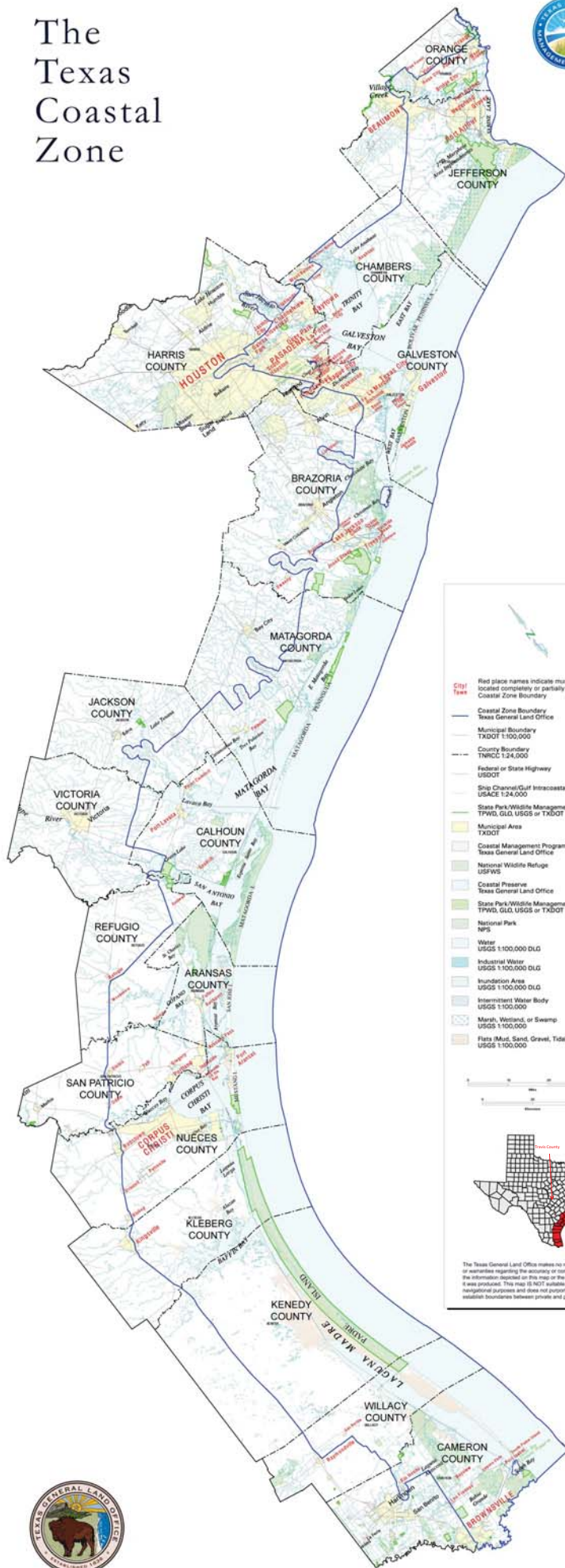
Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Travis County is not included in the Texas Coastal Zone Map

The Texas Coastal Zone



City
Red place names indicate municipal areas located completely or partially within the Coastal Zone Boundary.

Coastal Zone Boundary
Texas General Land Office

Municipal Boundary
TXDOT 1:100,000

County Boundary
THRC 1:24,000

Federal or State Highway
USDOT

Ship Channel/Gulf Intracoastal Waterway
USACE 1:24,000

State Park/Wildlife Management Area
TPWD, GLO, USGS or TXDOT

Municipal Area
TXDOT

Coastal Management Program/Wetlands Only
Texas General Land Office

National Wildlife Refuge
USFWS

Coastal Preserve
Texas General Land Office

State Park/Wildlife Management Area
TPWD, GLO, USGS or TXDOT

National Park
NPS

Water
USGS 1:100,000 DLG

Industrial Water
USGS 1:100,000 DLG

Inundation Area
USGS 1:100,000 DLG

Intermittent Water Body
USGS 1:100,000

Marsh, Wetland, or Swamp
USGS 1:100,000

Flats (Mud, Sand, Gravel, Tidal)
USGS 1:100,000

Scale
0 1 2 Miles

Inset Map
Texas County

The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information reported on this map or the data from which it was produced. This map is NOT suitable for navigational purposes and does not pertain to depict or establish boundaries between private and public land.





U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

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Flood Insurance (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/flood-insurance>

1. Does this project involve mortgage insurance, refinance, acquisition, repairs, rehabilitation, or construction of a structure, mobile home, or insurable personal property?

No. This project does not require flood insurance or is excepted from flood insurance.

→ Continue to the Worksheet Summary.

Yes → Continue to Question 2.

2. Provide a FEMA/FIRM map showing the site.

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs).

Is the structure, part of the structure, or insurable property located in a FEMA-designated Special Flood Hazard Area?

No → Continue to the Worksheet Summary.

Yes → Continue to Question 3.

3. Is the community participating in the National Flood Insurance Program or has less than one year passed since FEMA notification of Special Flood Hazards?

Yes, the community is participating in the National Flood Insurance Program.

Flood insurance is required. Provide a copy of the flood insurance policy declaration or a paid receipt for the current annual flood insurance premium and a copy of the application for flood insurance.

→ Continue to the Worksheet Summary.

Yes, less than one year has passed since FEMA notification of Special Flood Hazards.

If less than one year has passed since notification of Special Flood Hazards, no flood insurance is required.

→ Continue to the Worksheet Summary.

No. The community is not participating, or its participation has been suspended.

Federal assistance may not be used at this location. Cancel the project at this location.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Per FEMA panel number 48453C0710J, effective on 01/06/2016 the proposed site is located in Zone X (Area Of Minimal Flood Hazard).



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Air Quality (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/air-quality>

- 1. Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?**

Yes → Continue to Question 2.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide any documents used to make your determination.

- 2. Is your project’s air quality management district or county in non-attainment or maintenance status for any criteria pollutants?**

Follow the link below to determine compliance status of project county or air quality management district:

<https://www.epa.gov/green-book>

No, project’s county or air quality management district is in attainment status for all criteria pollutants

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Yes, project’s management district or county is in non-attainment or maintenance status for one or more criteria pollutants. → Continue to Question 3.

- 3. Determine the estimated emissions levels of your project for each of those criteria pollutants that are in non-attainment or maintenance status on your project area. Will your project exceed any of the *de minimis* or *threshold* emissions levels of non-attainment and maintenance level pollutants or exceed the screening levels established by the state or air quality management district?**

No, the project will not exceed *de minimis* or threshold emissions levels or screening levels

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Explain how you determined that the project would not exceed *de minimis* or threshold emissions.

Yes, the project exceeds *de minimis* emissions levels or screening levels.

→ Continue to Question 4. Explain how you determined that the project would not exceed *de minimis* or threshold emissions in the Worksheet Summary.

- 4. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.**

[Click here to enter text.](#)

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Subject site is proposed as an unmanned unoccupied communications tower and equipment shelter. On November 16, 2017, the EPA designated the majority of Texas, including Travis, Williamson, Bastrop, Hays, and Caldwell Counties, as attainment/unclassifiable for the 2015 eight-hour ozone NAAQS, with an effective date of January 16, 2018 (82 FR 54232)



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Coastal Zone Management Act (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/coastal-zone-managementh>

Projects located in the following states must complete this form.

Alabama	Florida	Louisiana	Mississippi	Ohio	Texas
Alaska	Georgia	Maine	New Hampshire	Oregon	Virgin Islands
American Samoa	Guam	Maryland	New Jersey	Pennsylvania	Virginia
California	Hawaii	Massachusetts	New York	Puerto Rico	Washington
Connecticut	Illinois	Michigan	North Carolina	Rhode Island	Wisconsin
Delaware	Indiana	Minnesota	Northern Mariana Islands	South Carolina	

1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

Yes → Continue to Question 2.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a Coastal Zone.

2. Does this project include activities that are subject to state review?

Yes → Continue to Question 3.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.

3. Has this project been determined to be consistent with the State Coastal Management Program?

Yes, with mitigation. → The RE/HUD must work with the State Coastal Management Program to develop mitigation measures to mitigate the impact or effect of the project.

Yes, without mitigation. → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.

No → Project cannot proceed at this location.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Travis County is not located within the Texas Coastal Zone Map.



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Contamination and Toxic Substances (Single Family Properties) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/site-contamination>

1. Evaluate the site for contamination. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property?

Provide a map or other documentation of absence or presence of contamination¹ and explain evaluation of site contamination in the Worksheet below.

No → Explain below.

Environmental review data showed no recorded contamination on site. Site reconnaissance associated with the Phase I ESA also showed no toxic, hazardous, or radioactive substances.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Yes → Describe the findings, including any recognized environmental conditions (RECs), in Worksheet Summary below. Continue to Question 2.

Check here if an ASTM Phase I Environmental Site Assessment (ESA) report was utilized. The results of the Phase 1 environmental site assessment (ESA) showed no recognized environmental concerns for this site. The Phase 1 was conducted as a preliminary environmental review of existing site conditions as the location is not owned and maintained by the City of Austin and is currently occupied by an operational Fire Station. There were no indications of pre-existing contaminants or suspected environmental concerns with the site location necessitating the assessment. A site visit was conducted and confirmed there were no indications of pre-existing contaminants or recognized environmental concerns. There was no evidence of distressed soil or vegetation at the subject property. At the time of the site visit the subject property consisted weed/grass area and of a wood pile and charcoal/ash piles, indicative of a controlled burn area overseen by the fire department.

¹ Utilize EPA’s Enviromapper and state/tribal databases to identify nearby dumps, junk yards, landfills, hazardous waste sites, and industrial sites, including EPA National Priorities List Sites (Superfund sites), CERCLA or state-equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up action and/or further investigation. Additional supporting documentation may include other inspections and reports.

2. Can adverse environmental impacts be mitigated?

- Adverse environmental impacts cannot feasibly be mitigated → HUD assistance may not be used for the project at this site. Project cannot proceed at this location.

- Yes, adverse environmental impacts can be eliminated through mitigation.
→ *Provide all mitigation requirements² and documents. Continue to Question 3.*

3. Describe how compliance was achieved. Include any of the following that apply: State Voluntary Clean-up Program, a No Further Action letter, use of engineering controls³, or use of institutional controls⁴.

[Click here to enter text.](#)

If a remediation plan or clean-up program was necessary, which standard does it follow?

- Complete removal
 - Risk-based corrective action (RBCA)
- *Continue to the Worksheet Summary.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Please see attached Radius report prepared by GeoSearch on July 17, 2020. The subject property had no mapped environmental concerns. Two state listed Petroleum Storage Tanks (PST), one Industrial and Hazardous Waste Site (IHW), one City of Austin Underground Storage Tank (AUSTINUST). All mapped sites are .13 miles from the subject property or farther. Based on the regulatory records provided no adverse environmental impacts are anticipated for the subject property.

² Mitigation requirements include all clean-up actions required by applicable federal, state, tribal, or local law. Additionally, provide, as applicable, the long-term operations and maintenance plan, Remedial Action Work Plan, and other equivalent documents.

³ Engineering controls are any physical mechanism used to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

⁴ Institutional controls are mechanisms used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for unrestricted use of the property. Institutional controls may include structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.



Photograph 1. View facing south towards the Subject Property



Photograph 2. View facing east towards the Subject Property



Photograph 3. View facing west towards the Subject Property



Photograph 4. View facing north towards the Subject Property



Photograph 5. View facing west away from the Subject Property



Photograph 6. View facing east away from the Subject Property



Photograph 7. View facing south away from the Subject Property



Photograph 8. View facing north away from the Subject Property

Radius Report

[GeoLens by GeoSearch](#)

Target Property:
Enertech- FS1101
Elroy Road
Del Valle, Travis County, Texas 78617

Prepared For:
GPD Group-Dallas

Order #: 149787
Job #: 361705
Project #: 2020730.36
Date: 07/17/2020

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Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR § 312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR § 312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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Target Property Summary

Target Property Information

Enertech- FS1101
Elroy Road
Del Valle, Texas 78617

Coordinates

Point (-97.633041, 30.121616)
594 feet above sea level

USGS Quadrangle

Creedmoor, TX

Geographic Coverage Information

County/Parish: Travis (TX)

ZipCode(s):

Del Valle TX: 78617

Austin TX: 78719

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSTX	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR06	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR06	0	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR06	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSTX	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
HAZARDOUS WASTE COMPLIANCE DOCKET FACILITIES	HWCD	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR06	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SSEHRI PFAS CONTAMINATION SITES	SSEHRIPFAS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (TX) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
STATE INSTITUTIONAL/ENGINEERING CONTROL SITES	SIEC01	0	0	TP/AP
PETROLEUM STORAGE TANKS	PST	2	0	0.2500
BROWNFIELDS SITE ASSESSMENTS	BSA	0	0	0.5000
CLOSED & ABANDONED LANDFILL INVENTORY	CALF	0	0	0.5000
COMMERCIAL MANAGEMENT FACILITIES FOR HAZARDOUS WASTE AND INDUSTRIAL SOLID WASTES	WSTMGMT	0	0	0.5000
LEAKING PETROLEUM STORAGE TANKS	LPST	0	0	0.5000
MUNICIPAL SOLID WASTE LANDFILL SITES	MSWLF	0	0	0.5000
OPERATOR CLEANUP PROGRAM SITES	OCP	0	0	0.5000
RAILROAD COMMISSION VCP AND BROWNFIELD SITES	RRCVCP	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
STATE SUPERFUND SITES	SF	0	0	1.0000
SUB-TOTAL		2	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GROUNDWATER CONTAMINATION CASES	GWCC	0	0	TP/AP
HISTORIC GROUNDWATER CONTAMINATION CASES	HISTGWCC	0	0	TP/AP
LAND APPLICATION PERMITS	LANDAPP	0	0	TP/AP
MUNICIPAL SETTING DESIGNATIONS	MSD	0	0	TP/AP
NOTICE OF VIOLATIONS	NOV	0	0	TP/AP
SPILLS LISTING	SPILLS	0	0	TP/AP
TCEQ LIENS	LIENS	0	0	TP/AP
TIER I I CHEMICAL REPORTING PROGRAM FACILITIES	TIERII	0	0	TP/AP
DRY CLEANER REGISTRATION DATABASE	DCR	0	0	0.2500
INDUSTRIAL AND HAZARDOUS WASTE SITES	IHW	1	0	0.2500
PERMITTED INDUSTRIAL HAZARDOUS WASTE SITES	PIHW	0	0	0.2500
AFFECTED PROPERTY ASSESSMENT REPORTS	APAR	0	0	0.5000
DRY CLEANER REMEDIATION PROGRAM SITES	DCRPS	0	0	0.5000
INNOCENT OWNER / OPERATOR DATABASE	IOP	0	0	0.5000
RADIOACTIVE WASTE SITES	RWS	0	0	0.5000
RECYCLING FACILITIES	WMRF	0	0	0.5000
SALT CAVERNS FOR PETROLEUM STORAGE	STCV	0	0	0.5000

Database Summary

<i>Database</i>	<i>Acronym</i>	<i>Locatable</i>	<i>Unlocatable</i>	<i>Search Radius (miles)</i>
INDUSTRIAL AND HAZARDOUS WASTE CORRECTIVE ACTION SITES	IHWCA	0	0	1.0000
SUB-TOTAL		1	0	

Database Summary

LOCAL LISTING

Standard Environmental Records

<i>Database</i>	<i>Acronym</i>	<i>Locatable</i>	<i>Unlocatable</i>	<i>Search Radius (miles)</i>
CITY OF AUSTIN UNDERGROUND STORAGE TANKS	AUSTINUST	1	0	0.2500
SUB-TOTAL		1	0	

Additional Environmental Records

<i>Database</i>	<i>Acronym</i>	<i>Locatable</i>	<i>Unlocatable</i>	<i>Search Radius (miles)</i>
EDWARDS AQUIFER PERMITS	EAP	0	0	TP/AP
CITY OF AUSTIN HISTORICAL UNDERGROUND STORAGE TANKS	AUSTINHISTUST	0	0	0.2500
SUB-TOTAL		0	0	

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		4	0	

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR06	0.0200	0	NS	NS	NS	NS	NS	0
ERNSTX	0.0200	0	NS	NS	NS	NS	NS	0
FRSTX	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR06	0.0200	0	NS	NS	NS	NS	NS	0
HWCD	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES06	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR06	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSEHRIPFAS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR06	0.1250	0	0	NS	NS	NS	NS	0
RCRANGR06	0.1250	0	0	NS	NS	NS	NS	0
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

STATE (TX) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
GWCC	0.0200	0	NS	NS	NS	NS	NS	0
HISTGWCC	0.0200	0	NS	NS	NS	NS	NS	0
LANDAPP	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MSD	0.0200	0	NS	NS	NS	NS	NS	0
NOV	0.0200	0	NS	NS	NS	NS	NS	0
SIEC01	0.0200	0	NS	NS	NS	NS	NS	0
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
DCR	0.2500	0	0	0	NS	NS	NS	0
IHW	0.2500	0	0	1	NS	NS	NS	1
PIHW	0.2500	0	0	0	NS	NS	NS	0
PST	0.2500	0	0	2	NS	NS	NS	2
APAR	0.5000	0	0	0	0	NS	NS	0
BSA	0.5000	0	0	0	0	NS	NS	0
CALF	0.5000	0	0	0	0	NS	NS	0
DCRPS	0.5000	0	0	0	0	NS	NS	0
IOP	0.5000	0	0	0	0	NS	NS	0
LPST	0.5000	0	0	0	0	NS	NS	0
MSWLF	0.5000	0	0	0	0	NS	NS	0
OCP	0.5000	0	0	0	0	NS	NS	0
RRCVCP	0.5000	0	0	0	0	NS	NS	0
RWS	0.5000	0	0	0	0	NS	NS	0
STCV	0.5000	0	0	0	0	NS	NS	0
VCP	0.5000	0	0	0	0	NS	NS	0
WMRF	0.5000	0	0	0	0	NS	NS	0
WSTMGMT	0.5000	0	0	0	0	NS	NS	0
IHWCA	1.0000	0	0	0	0	0	NS	0
SF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	3	0	0	0	3

Database Radius Summary

LOCAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
EAP	0.0200	0	NS	NS	NS	NS	NS	0
AUSTINHISTUST	0.2500	0	0	0	NS	NS	NS	0
AUSTINUST	0.2500	0	0	1	NS	NS	NS	1
<hr/>								
SUB-TOTAL		0	0	1	0	0	0	1

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500	0	0	0	NS	NS	NS	0
LUSTR06	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		0	0	0	0	0	0	0
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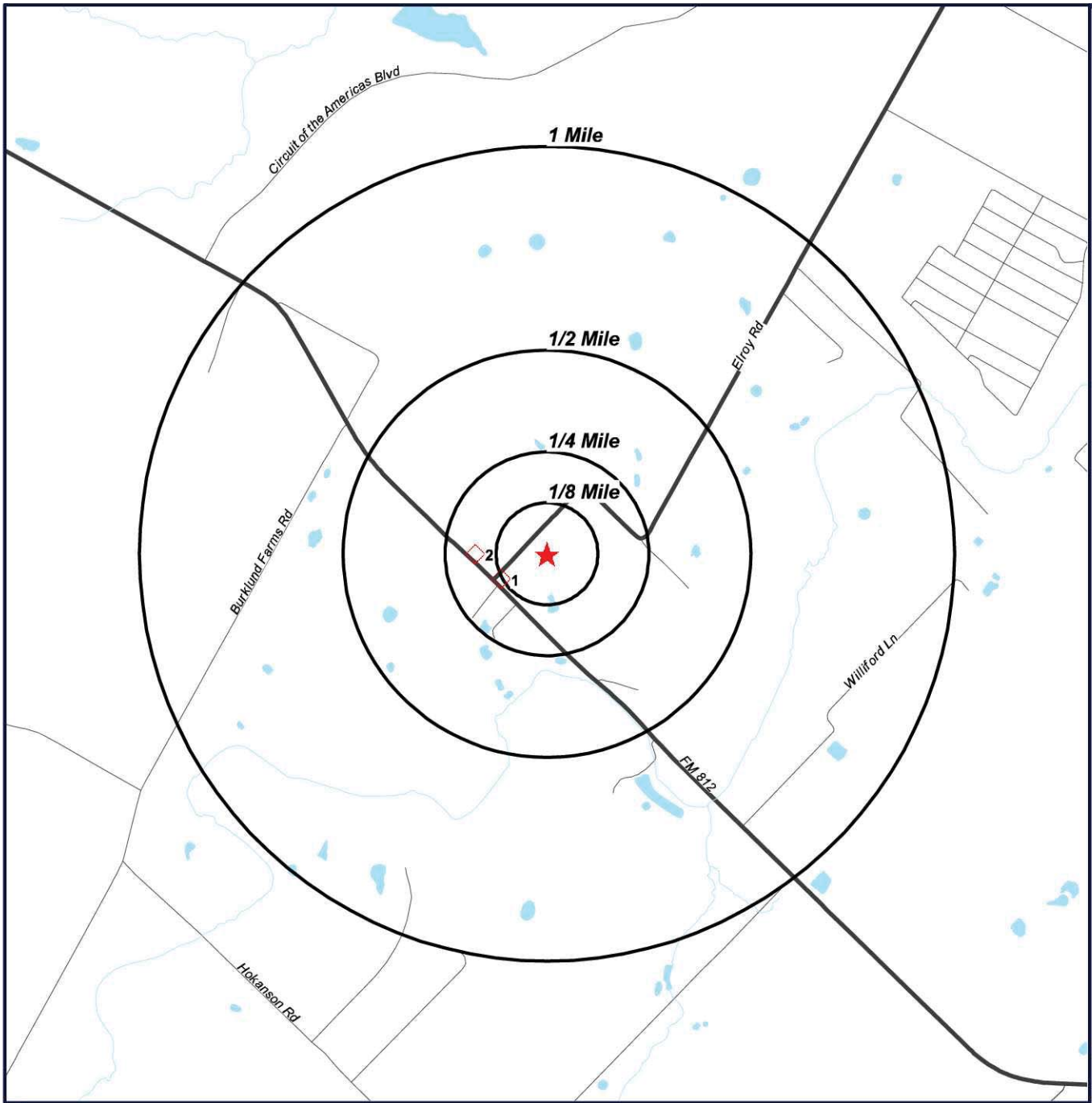
TOTAL		0	0	4	0	0	0	4
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NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1

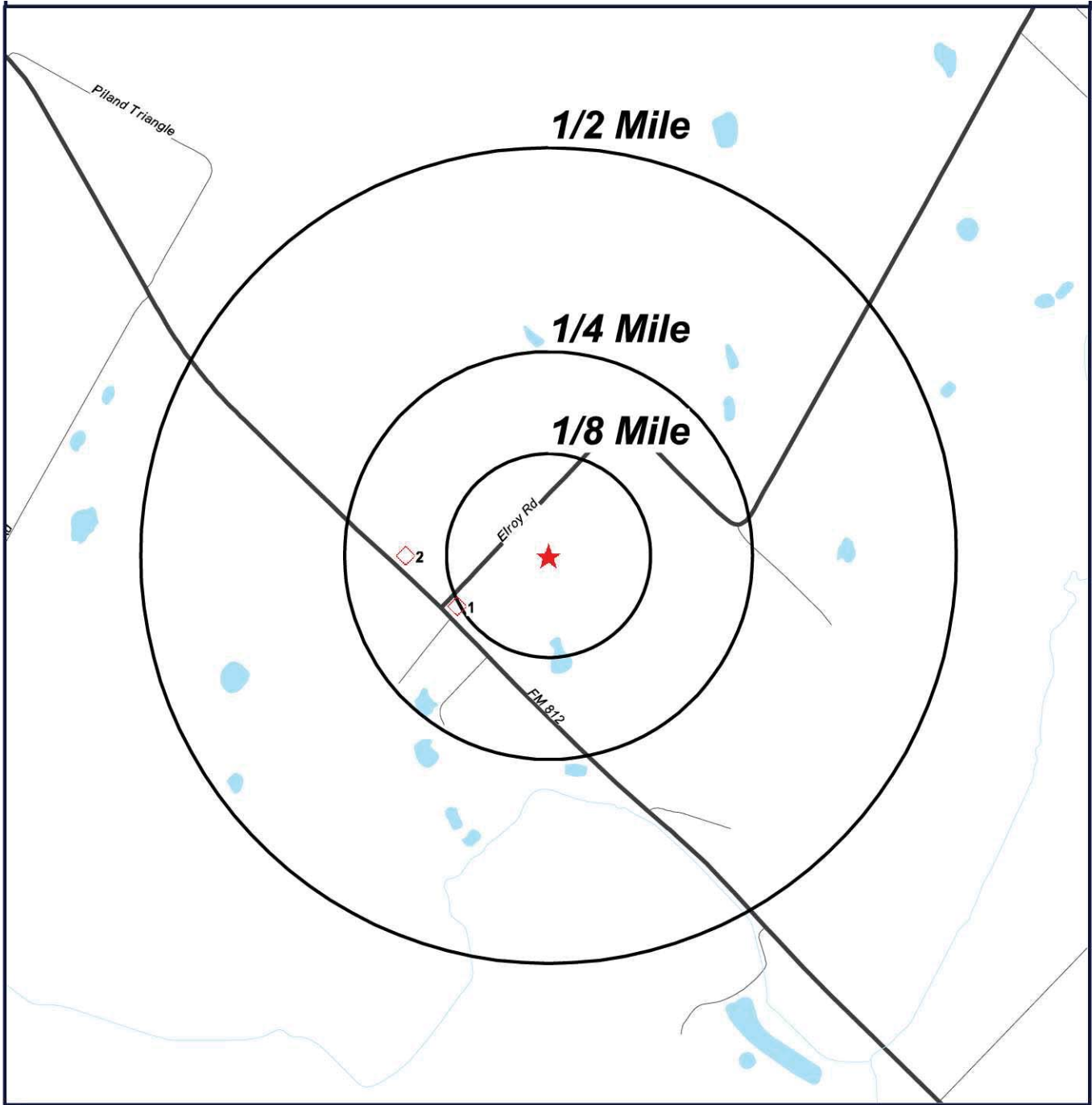


- ★ Target Property (TP)
- ◇ PST

Enertech-FS1101
Elroy Road
Del Valle, Texas
78617



Radius Map 2



- ★ Target Property (TP)
- ◇ PST

Enertech-FS1101
Elroy Road
Del Valle, Texas
78617



Ortho Map

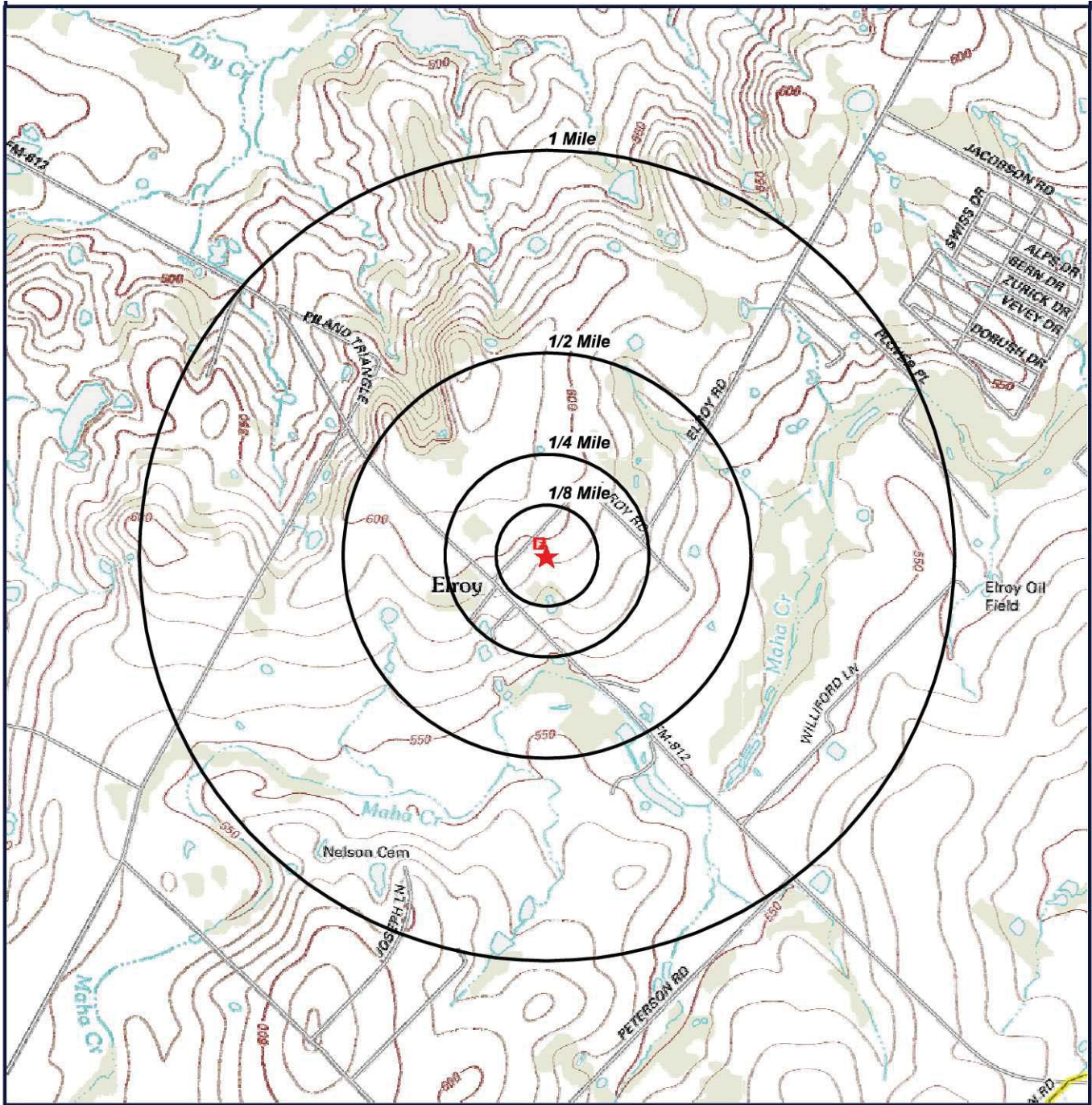


- ★ Target Property (TP)
- ◇ PST

Quadrangle(s):
Creedmoor
Enertech-FS1101
Elroy Road
Del Valle, Texas
78617



Topographic Map



★ Target Property (TP)

Quadrangle(s):
Creedmoor
Source: USGS,
01/22/2013
Enertech-FS1101
Elroy Road
Del Valle, Texas
78617



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	AUSTINUST	OJ090	Higher (595 ft.)	0.128 mi. WSW (676 ft.)	ELROY COUNTRY GROCERY	13912 FM 812 RD, AUSTIN, TX 78617	20
1	PST	54978	Higher (595 ft.)	0.128 mi. WSW (676 ft.)	ELROY COUNTRY CORNER	13912 FM 812 RD, DEL VALLE, TX 78617	21
2	IHW	61214	Higher (602 ft.)	0.175 mi. W (924 ft.)	GUARANTEED CONVERTERS	13820 FM 812 RD, DEL VALLE, TX 78617	30
2	PST	71908	Higher (602 ft.)	0.175 mi. W (924 ft.)	PRIVATE PROPERTY	13820 FM 812 RD, DEL VALLE, TX 78617	31

Site Summary By Database

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address
1	AUSTINUST	OJ090	Higher (595 ft.)	0.128 mi. WSW (676 ft.)	ELROY COUNTRY GROCERY	13912 FM 812 RD, AUSTIN, TX 78617
2	IHW	61214	Higher (602 ft.)	0.175 mi. W (924 ft.)	GUARANTEED CONVERTERS	13820 FM 812 RD, DEL VALLE, TX 78617
1	PST	54978	Higher (595 ft.)	0.128 mi. WSW (676 ft.)	ELROY COUNTRY CORNER	13912 FM 812 RD, DEL VALLE, TX 78617
2	PST	71908	Higher (602 ft.)	0.175 mi. W (924 ft.)	PRIVATE PROPERTY	13820 FM 812 RD, DEL VALLE, TX 78617

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 594 ft.

NOTE: Standard environmental records are displayed in **bold**.

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	AUSTINUST	595 ft.	ELROY COUNTRY GROCERY	13912 FM 812 RD, AUSTIN, TX 78617	20
1	PST	595 ft.	ELROY COUNTRY CORNER	13912 FM 812 RD, DEL VALLE, TX 78617	21
2	IHW	602 ft.	GUARANTEED CONVERTERS	13820 FM 812 RD, DEL VALLE, TX 78617	30
2	PST	602 ft.	PRIVATE PROPERTY	13820 FM 812 RD, DEL VALLE, TX 78617	31

LOWER ELEVATION

No Records Found

City of Austin Underground Storage Tanks (AUSTINUST)

MAP ID# 1

Distance from Property: 0.128 mi. (676 ft.) WSW
Elevation: 595 ft. (Higher than TP)

FACILITY INFORMATION

GEOSEARCH ID: **OJ090**

UST ID #: **OJ090**

NAME: **ELROY COUNTRY GROCERY**

ADDRESS: **13912 FM 812 RD
AUSTIN, TX**

APPROXIMATE LOCATION OF TANK: **NOT REPORTED**

TANK TYPE: **NOT REPORTED**

STATUS OF UST BY CITY COUNCIL: **NOT REPORTED**

CITY COUNCIL APPROVAL DATE: **NOT REPORTED**

ORDINANCE MANDATING UST TO BE IN RIGHT OF WAY OR NOT: **NOT REPORTED**

PERMIT STATUS: **EXEMPT FACILITY**

HISTORICAL RECORD?: **NO**

COMMENT: **NOT REPORTED**

HYPER LINK TO COUNCIL MINUTES: **NOT REPORTED**

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

MAP ID# 1

Distance from Property: 0.128 mi. (676 ft.) WSW
Elevation: 595 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 54978
NAME: ELROY COUNTRY CORNER
ADDRESS: 13912 FM 812 RD
DEL VALLE, TX 78617
COUNTY: TRAVIS
REGION: 11
TYPE: RETAIL
BEGIN DATE: 12/01/1982
STATUS: ACTIVE
EXEMPT STATUS: NO
RECORDS OFF-SITE: NO
NUMBER OF ACTIVE UNDERGROUND TANKS: 3
NUMBER OF ACTIVE ABOVEGROUND TANKS: 1

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: 11/19/2014
SIGNATURE DATE ON EARLIEST REGISTRATION FORM: 11/18/2014
SIGNATURE NAME & TITLE: MUBARAK DHUKA, SIGNATURE TITLE NOT REPORTED
ENFORCEMENT ACTION DATE: 09/10/2014

OWNER

OWNER NUMBER: CN602556367
NAME: SRR INVESTMENTS INC
CONTACT ADDRESS: 13912 FM 812 RD
DEL VALLE TX 78617
TYPE: CORPORATION/COMPANY
BEGIN DATE: 07/12/1995
CONTACT ROLE: OWNCON
CONTACT NAME: MUBARAK DHUKA
CONTACT TITLE: PRESIDENT
ORGANIZATION: SRR INVESTMENT INC
PHONE: 5122431603 0
FAX: NOT REPORTED
EMAIL: NOT REPORTED

OPERATOR

OPERATOR NUMBER: CN602556367
NAME: SRR INVESTMENTS INC
CONTACT ADDRESS: 13912 FM 812 RD
DEL VALLE TX 78617
TYPE: CORPORATION/COMPANY
BEGIN DATE: 07/12/1995
CONTACT ROLE: OPRCON
CONTACT NAME: MUBARAK DHUKA
CONTACT TITLE: PRESIDENT

CONTACT INFORMATION

NAME: MUBARAK DHUKA
TITLE: PRESIDENT
ORGANIZATION: ELROY COUNTRY CORNER
MAIL ADDRESS: MAILING ADDRESS NOT REPORTED
CITY NOT REPORTED
PHONE: (512) 2431603 0

Petroleum Storage Tanks (PST)

ORGANIZATION: **SRR INVESTMENT INC**

PHONE: **(512) 2431603 0**

FAX: **NOT REPORTED**

EMAIL: **NOT REPORTED**

SELF-CERTIFICATION

SELF-CERTIFICATION ID: **135927**

SIGNATURE DATE: **02/13/2001**

SIGNATURE NAME & TITLE: **MUBARAK ALI, PRESIDENT**

FILING STATUS: **INITIAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135928**

SIGNATURE DATE: **08/15/2002**

SIGNATURE NAME & TITLE: **NUBARAK DHAUKA, NOT REPORTED**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135929**

SIGNATURE DATE: **08/20/2003**

SIGNATURE NAME & TITLE: **MUBARAK ALI, PRES**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135930**

SIGNATURE DATE: **08/10/2004**

SIGNATURE NAME & TITLE: **MUBARAK DHUKA, NOT REPORTED**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135931**

SIGNATURE DATE: **08/12/2005**

SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRESIDENT**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135932**

SIGNATURE DATE: **08/20/2006**

SIGNATURE NAME & TITLE: **MUBARAK DHUKA, SEC**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135933**

SIGNATURE DATE: **08/15/2007**

SIGNATURE NAME & TITLE: **MUBATAK DHUKA, PRES**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135934**

SIGNATURE DATE: **07/23/2008**

SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRESIDENT**

FILING STATUS: **RENEWAL**

REGISTRATION FLAG: **YES**

SELF-CERTIFICATION ID: **135935**

SIGNATURE DATE: **08/27/2009**

Petroleum Storage Tanks (PST)

SIGNATURE NAME & TITLE: **SHAUKAT PRASLA, VP**
FILING STATUS: **RENEWAL**
REGISTRATION FLAG: **YES**
SELF-CERTIFICATION ID: **135936**
SIGNATURE DATE: **08/02/2010**
SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRESIDENT**
FILING STATUS: **RENEWAL**
REGISTRATION FLAG: **YES**
SELF-CERTIFICATION ID: **135937**
SIGNATURE DATE: **08/15/2011**
SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRES**
FILING STATUS: **RENEWAL**
REGISTRATION FLAG: **YES**
SELF-CERTIFICATION ID: **135938**
SIGNATURE DATE: **08/30/2012**
SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRESIDENT**
FILING STATUS: **RENEWAL**
REGISTRATION FLAG: **YES**
SELF-CERTIFICATION ID: **226975**
SIGNATURE DATE: **08/30/2013**
SIGNATURE NAME & TITLE: **MUBARAK DHUKA, PRES**
FILING STATUS: **RENEWAL**
REGISTRATION FLAG: **YES**

CONSTRUCTION NOTIFICATION

NO CONSTRUCTION NOTIFICATION DATA REPORTED FOR THIS FACILITY

UNDERGROUND STORAGE TANK

TANK ID: 1	NUMBER OF COMPARTMENTS: 1
INSTALLATION DATE: 12/01/1982	REGISTRATION DATE: 07/17/1990
TANK CAPACITY (GAL): 8000	EMPTY TANK: EMPTY
STATUS: TEMP OUT OF SERVICE	STATUS BEGIN DATE: 03/31/2014
INTERNAL PROTECTION DATE: NOT REPORTED	REGULATORY STATUS: FULLY REGULATED
TANK DESIGN SINGLE WALL: NO	TANK DESIGN DOUBLE WALL: YES
PIPE DESIGN SINGLE WALL: YES	PIPE DESIGN DOUBLE WALL: NO

TANK DETAILS

MATERIAL:

CONCRETE

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136322**

TANK ID: **1**

Petroleum Storage Tanks (PST)

COMPARTMENT LETTER: **A**

SUBSTANCES: **EMPTY**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **8000**

COMPARTMENT RELEASE DETECTION: **VAPOR MONITORING,GROUNDWATER MONITORING,MONITORING OF SECONDARY CONTAINMENT BARRIER,AUTOMATIC TANK GAUGE TEST & INVENTORY CONTROL,INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET,WEEKLY MANUAL TANK GAUGING (TANKS <= 1000 GAL),MONTHLY TANK GAUGING (FOR EMER. GENERATOR TANKS),SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY CONTROL**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALVE,ALARM (SET@<=90%) W3A OR 3B**

PIPING SYSTEMS

MATERIAL: **CONCRETE**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

VAPOR MONITORING,GROUNDWATER MONITORING,MONITORING OF SECONDARY CONTAINMENT BARRIER,INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) &

INVENTORY CONTROL

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: **1**

NUMBER OF COMPARTMENTS: **1**

INSTALLATION DATE: **12/01/1982**

REGISTRATION DATE: **07/17/1990**

TANK CAPACITY (GAL): **8000**

EMPTY TANK: **EMPTY**

STATUS: **TEMP OUT OF SERVICE**

STATUS BEGIN DATE: **03/31/2014**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **NO**

TANK DESIGN DOUBLE WALL: **YES**

PIPE DESIGN SINGLE WALL: **YES**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

CONCRETE

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136322**

Petroleum Storage Tanks (PST)

TANK ID: 1

COMPARTMENT LETTER: A

SUBSTANCES: **GASOLINE**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **8000**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALVE,ALARM (SET@<=90%) W3A OR 3B PIPING SYSTEMS**

MATERIAL: **CONCRETE**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

VAPOR MONITORING,GROUNDWATER MONITORING,MONITORING OF SECONDARY CONTAINMENT BARRIER,INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) &

INVENTORY CONTROL

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: 2

NUMBER OF COMPARTMENTS: 1

INSTALLATION DATE: **12/01/1982**

REGISTRATION DATE: **07/17/1990**

TANK CAPACITY (GAL): **8000**

EMPTY TANK: **EMPTY**

STATUS: **TEMP OUT OF SERVICE**

STATUS BEGIN DATE: **03/31/2014**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **YES**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **YES**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136323**

TANK ID: 2

COMPARTMENT LETTER: A

Petroleum Storage Tanks (PST)

SUBSTANCES: **EMPTY**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **8000**

COMPARTMENT RELEASE DETECTION: **VAPOR MONITORING,GROUNDWATER MONITORING,MONITORING OF SECONDARY CONTAINMENT BARRIER,AUTOMATIC TANK GAUGE TEST & INVENTORY CONTROL,INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET,WEEKLY MANUAL TANK GAUGING (TANKS <= 1000 GAL),MONTHLY TANK GAUGING (FOR EMER. GENERATOR TANKS),SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY CONTROL**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALVE,ALARM (SET@<=90%) W3A OR 3B PIPING SYSTEMS**

MATERIAL: **JACKETED**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

VAPOR MONITORING,GROUNDWATER MONITORING,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY CONTROL

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: **2**

NUMBER OF COMPARTMENTS: **1**

INSTALLATION DATE: **12/01/1982**

REGISTRATION DATE: **07/17/1990**

TANK CAPACITY (GAL): **8000**

EMPTY TANK: **EMPTY**

STATUS: **TEMP OUT OF SERVICE**

STATUS BEGIN DATE: **03/31/2014**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **YES**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **YES**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136323**

TANK ID: **2**

COMPARTMENT LETTER: **A**

Petroleum Storage Tanks (PST)

SUBSTANCES: **GASOLINE**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **8000**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT**

SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALUE,ALARM (SET@<=90%) W3A OR 3B PIPING SYSTEMS

MATERIAL: **JACKETED**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

VAPOR MONITORING,GROUNDWATER MONITORING,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) &

INVENTORY CONTROL

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: **3**

NUMBER OF COMPARTMENTS: **1**

INSTALLATION DATE: **12/01/1982**

REGISTRATION DATE: **07/17/1990**

TANK CAPACITY (GAL): **6000**

EMPTY TANK: **EMPTY**

STATUS: **TEMP OUT OF SERVICE**

STATUS BEGIN DATE: **03/31/2014**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **YES**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **YES**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136324**

TANK ID: **3**

COMPARTMENT LETTER: **A**

SUBSTANCES: **EMPTY**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **6000**

Petroleum Storage Tanks (PST)

COMPARTMENT RELEASE DETECTION: VAPOR MONITORING,GROUNDWATER MONITORING,MONITORING OF SECONDARY CONTAINMENT BARRIER,AUTOMATIC TANK GAUGE TEST & INVENTORY CONTROL,INTERSTITIAL MONITORING WITHIN SECONDARY WALL/JACKET,WEEKLY MANUAL TANK GAUGING (TANKS <= 1000 GAL),MONTHLY TANK GAUGING (FOR EMER. GENERATOR TANKS),SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY CONTROL

SPILL CONTAINMENT AND OVERFILL PREVENTION: TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALVE,ALARM (SET@<=90%) W3A OR 3B
PIPING SYSTEMS

MATERIAL: **JACKETED**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

VAPOR MONITORING,GROUNDWATER MONITORING,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) & INVENTORY CONTROL

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: **3**

NUMBER OF COMPARTMENTS: **1**

INSTALLATION DATE: **12/01/1982**

REGISTRATION DATE: **07/17/1990**

TANK CAPACITY (GAL): **6000**

EMPTY TANK: **EMPTY**

STATUS: **TEMP OUT OF SERVICE**

STATUS BEGIN DATE: **03/31/2014**

INTERNAL PROTECTION DATE: **NOT REPORTED**

REGULATORY STATUS: **FULLY REGULATED**

TANK DESIGN SINGLE WALL: **YES**

TANK DESIGN DOUBLE WALL: **NO**

PIPE DESIGN SINGLE WALL: **YES**

PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION,COATED TANK (STEEL W/EXTERNAL POLYURETHANE LAMINATE)

EXTERNAL CONTAINMENT:

TANK SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,TANK VAULT/RIGID TRENCH LINER

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **136324**

TANK ID: **3**

COMPARTMENT LETTER: **A**

SUBSTANCES: **GASOLINE**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **6000**

Petroleum Storage Tanks (PST)

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **TIGHT-FILL FITTING CONTAINER/BUCKET/SUMP,FACTORY - BUILT
SPILL CONTAINER/BUCKET/SUMP,DELIVERY SHUT-OFF VALVE,FLOW RESTRICTOR VALUE,ALARM (SET@<=90%) W3A OR 3B
PIPING SYSTEMS**

MATERIAL: **JACKETED**

CORROSION PROTECTION: **EXTERNAL DIELECTRIC COATING/LAMINATE/TAPE/WRAP,CATHODIC PROTECTION - FACTORY
INSTALLATION,CATHODIC PROTECTION - FIELD INSTALLATION**

EXTERNAL CONTAINMENT: **PIPE SYNTHETIC TANK-PIT/PIPING-TRENCH LINER,PIPE VAULT/RIGID TRENCH LINER**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

**VAPOR MONITORING,GROUNDWATER MONITORING,MONTHLY PIPING TIGHTNESS TEST (@ 0.2 GPH),ANNUAL PIPING
TIGHTNESS TEST / ANNUAL ELECTRONIC MONITORING (@ 0.1 GPH),TRIENNIAL TIGHTNESS TEST (FOR SUCTION/GRAVITY
PIPING),AUTO. LINE LEAK DETECTOR (3.0 GPH FOR PRESSURE PIPING),SIR (STAT. INVENTORY RECONCILIATION) &
INVENTORY CONTROL**

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **YES**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

AST ID #: **161550** MULTIPLE COMPARTMENT FLAG: **NO**

TANK ID: **1** REGISTRATION DATE: **07/17/1990**

INSTALLATION DATE: **01/01/1995** STATUS BEGIN DATE: **01/01/1995**

TANK CAPACITY (GAL): **2000** REGULATORY STATUS: **FULLY REGULATED**

STATUS: **IN USE** SUBSTANCES: **DIESEL**

MATERIAL OF CONSTRUCTION

STEEL: **YES** CORRUGATED METAL: **NO**

FIBERGLASS: **NO** CONCRETE: **NO**

ALUMINIUM: **NO**

CONTAINMENT

EARTHEN DIKE: **NO** CONCRETE: **NO**

CONTAINMENT LINER: **NO** NONE: **NO**

STAGE I VAPOR RECOVERY: **NOT REPORTED**

STAGE I INSTALLATION DATE: **NOT REPORTED**

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Industrial and Hazardous Waste Sites (IHW)

MAP ID# 2

Distance from Property: 0.175 mi. (924 ft.) W
Elevation: 602 ft. (Higher than TP)

FACILITY INFORMATION

SWR#: 61214 EPA ID: NOT REPORTED

TCEQ#: 19573

NAME: GUARANTEED CONVERTERS

ADDRESS: 13820 FM 812 RD

DEL VALLE, TX 78617

CONTACT: LIZ TAYLOR

PHONE: NOT REPORTED

BUSINESS DESCRIPTION: THIS REGISTRATION WAS INACTIVATED BECAUSE THIS FACILITY WAS REGISTERED PRIOR TO 1994 AND NO WASTE ACTIVITY WAS REPORTED IN 1994, 1995 AND 1996.

INDUSTRIAL WASTE PERMIT #: NOT REPORTED

MUNICIPAL WASTE PERMIT #: NOT REPORTED

SIC CODE: NOT REPORTED

WASTE GENERATOR: YES

WASTE RECEIVER: NO

WASTE TRANSPORTER: NO

TRANSFER FACILITY: NO

MAQUILADORA (MEXICAN FACILITY): NO

STATUS: INACTIVE

AMOUNT OF WASTE GENERATED: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

GENERATOR TYPE: NON-INDUSTRIAL AND/OR MUNICIPAL

THIS FACILITY IS A NOTIFIER

THIS FACILITY IS NOT A STEERS REPORTER - (STATE OF TEXAS ENVIRONMENTAL ELECTRONIC REPORTING SYSTEM)

THIS FACILITY IS NOT REQUIRED TO SUBMIT AN ANNUAL WASTE SUMMARY REPORT

THIS FACILITY IS NOT INVOLVED IN RECYCLING ACTIVITIES

LAST UPDATE TO TRACS (TCEQ REGULATORY ACTIVITIES AND COMPLIANCE SYSTEM): 12/16/2019

ACTIVITIES

ACTIVITY TYPE: UNKNOWN

ACTIVITY DESCRIPTION: NOT REPORTED

WASTE

NO RECORDS

OWNER INFORMATION

NAME: GUARANTEED CONVERTERS

ADDRESS: 13820 FM 812 RD

DEL VALLE, TX 78617

PHONE: NOT REPORTED

[Back to Report Summary](#)

Petroleum Storage Tanks (PST)

MAP ID# 2

Distance from Property: 0.175 mi. (924 ft.) W
Elevation: 602 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 71908
NAME: PRIVATE PROPERTY
ADDRESS: 13820 FM 812 RD
DEL VALLE, TX 78617
COUNTY: TRAVIS
REGION: 11
TYPE: NOT REPORTED
BEGIN DATE: 08/31/1987
STATUS: INACTIVE
EXEMPT STATUS: NO
RECORDS OFF-SITE: NO
NUMBER OF ACTIVE UNDERGROUND TANKS: 0
NUMBER OF ACTIVE ABOVEGROUND TANKS: 0

APPLICATION INFORMATION:

RECEIVED DATE ON EARLIEST REGISTRATION FORM: 04/16/1999
SIGNATURE DATE ON EARLIEST REGISTRATION FORM: 04/14/1999
SIGNATURE NAME & TITLE: JAMES TAYLOR, OWNER
ENFORCEMENT ACTION DATE: NOT REPORTED

OWNER

OWNER NUMBER: CN601266794
NAME: TAYLOR
CONTACT ADDRESS: OWNER ADDRESS NOT REPORTED
CITY NOT REPORTED

TYPE: INDIVIDUAL
BEGIN DATE: 08/31/1987
CONTACT ROLE: NOT REPORTED
CONTACT NAME: NOT REPORTED
CONTACT TITLE: NOT REPORTED
ORGANIZATION: NOT REPORTED
PHONE: NOT REPORTED
FAX: NOT REPORTED
EMAIL: NOT REPORTED

OPERATOR

NO OPERATOR INFORMATION REPORTED

SELF-CERTIFICATION

-NO SELF-CERTIFICATION INFORMATION REPORTED-

CONSTRUCTION NOTIFICATION

NOTIFICATION CONSTRUCTION ID: 18627
APPLICATION RECEIVED DATE: 12/21/1999
SCHEDULE CONSTRUCTION DATE: 04/05/1999
GENERAL DESCRIPTION OF PROPOSED CONSTRUCTION:
NOT REPORTED

CONTACT INFORMATION

NAME: JAMES TAYLOR
TITLE: NOT REPORTED
ORGANIZATION: PRIVATE PROPERTY
MAIL ADDRESS: MAILING ADDRESS NOT REPORTED
CITY NOT REPORTED
PHONE: (512) 6011036 0

Petroleum Storage Tanks (PST)

UNDERGROUND STORAGE TANK

TANK ID: 1
INSTALLATION DATE: 01/01/1981
TANK CAPACITY (GAL): 5000
STATUS: **REMOVED FROM GROUND**
INTERNAL PROTECTION DATE: **NOT REPORTED**
TANK DESIGN SINGLE WALL: **NO**
PIPE DESIGN SINGLE WALL: **NO**

NUMBER OF COMPARTMENTS: 2
REGISTRATION DATE: 04/16/1999
EMPTY TANK: **NOT EMPTY**
STATUS BEGIN DATE: 04/22/1999
REGULATORY STATUS: **FULLY REGULATED**
TANK DESIGN DOUBLE WALL: **NO**
PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: 168204

TANK ID: 1

COMPARTMENT LETTER: A

SUBSTANCES: **DIESEL**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): 2500

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **NOT REPORTED**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

NOT REPORTED

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

TANK ID: 1
INSTALLATION DATE: 01/01/1981
TANK CAPACITY (GAL): 5000
STATUS: **REMOVED FROM GROUND**
INTERNAL PROTECTION DATE: **NOT REPORTED**
TANK DESIGN SINGLE WALL: **NO**
PIPE DESIGN SINGLE WALL: **NO**

NUMBER OF COMPARTMENTS: 2
REGISTRATION DATE: 04/16/1999
EMPTY TANK: **NOT EMPTY**
STATUS BEGIN DATE: 04/22/1999
REGULATORY STATUS: **FULLY REGULATED**
TANK DESIGN DOUBLE WALL: **NO**
PIPE DESIGN DOUBLE WALL: **NO**

TANK DETAILS

Petroleum Storage Tanks (PST)

MATERIAL:

NOT REPORTED

CORROSION PROTECTION:

NOT REPORTED

EXTERNAL CONTAINMENT:

NOT REPORTED

TANK COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

COMPARTMENT DETAILS

UST COMPARTMENT ID: **168205**

TANK ID: **1**

COMPARTMENT LETTER: **B**

SUBSTANCES: **USED OIL**

OTHER SUBSTANCES: **NOT REPORTED**

CAPACITY (GAL): **2500**

COMPARTMENT RELEASE DETECTION: **NOT REPORTED**

SPILL CONTAINMENT AND OVERFILL PREVENTION: **NOT REPORTED**

PIPING SYSTEMS

MATERIAL: **NOT REPORTED**

CORROSION PROTECTION: **NOT REPORTED**

EXTERNAL CONTAINMENT: **NOT REPORTED**

CONNECTORS & VALVES:

NOT REPORTED

PIPING RELEASE DETECTION:

NOT REPORTED

PIPE COMPLIANCE FLAG

CORROSION PROTECTION COMPLIANCE FLAG: **NO**

CORROSION PROTECTION VARIANCE: **NO VARIANCE**

ABOVEGROUND STORAGE TANK INFORMATION

NO ABOVEGROUND STORAGE TANK DATA REPORTED FOR THIS FACILITY

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Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance. Enforcement and Compliance History Online (ECHO) Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014, the EPA retired this system for Clean Air Act stationary sources.

BRS Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 02/25/20

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 05/22/20

Environmental Records Definitions - FEDERAL

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. The data displays remedy component information for Superfund decision documents issued in fiscal years 1982-2017, and it includes final and deleted NPL sites as well as sites with a Superfund Alternative Approach (SAA) agreement in place. The only sites included that are not on the NPL, proposed for NPL, or removed from proposed NPL, are those with an SAA Agreement in place. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR06 Enforcement and Compliance History Information

VERSION DATE: 05/30/20

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSTX Emergency Response Notification System

VERSION DATE: 04/05/20

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSTX Facility Registry System

VERSION DATE: 04/05/20

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRS06 Hazardous Materials Incident Reporting System

VERSION DATE: 05/20/20

The HMIRS database contains unintentional hazardous materials release information reported to the U.S.

Environmental Records Definitions - FEDERAL

Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

HWCD Hazardous Waste Compliance Docket Facilities

VERSION DATE: 04/29/19

This list of the Federal Agency Hazardous Waste Compliance Docket Facilities is maintained by the United States Environmental Protection Agency (EPA). According to the EPA, Section 120(c) of CERCLA requires EPA to establish a listing, known as the Federal Facility Hazardous Waste Compliance Docket (Docket), of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste. Thus, the Docket identifies all Federal facilities that must be evaluated to determine whether they pose a risk to human health and the environment and it makes this information available to the public. In order for the Docket to remain current and accurate it requires periodic updating.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 03/28/20

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 04/26/20

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States

Environmental Records Definitions - FEDERAL

Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDES06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the ICIS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

PADS PCB Activity Database System

VERSION DATE: 10/09/19

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCB) who are required to notify the U.S. Environmental Protection Agency of such activities.

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The historic Permit Compliance System tracked enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. This database includes permitted facilities located in EPA Region 6 states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. This system has since been modernized by United States Environmental Protection Agency and is now integrated into the Integrated Compliance Information System (ICIS). Please refer to the ICIS database as the current source for this data.

RCRASC RCRA Sites with Controls

VERSION DATE: 05/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 03/23/20

Environmental Records Definitions - FEDERAL

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SSEHRIPFAS SSEHRI PFAS Contamination Sites

VERSION DATE: 12/12/19

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Please access the following source link for the most current information:
<https://pfasproject.com/pfas-contamination-site-tracker/>

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. "Production" includes formulation, packaging, repackaging, and relabeling. For this database, the Product Information is only available for establishments up through 2014 or prior years, product

Environmental Records Definitions - FEDERAL

details are no longer released by the EPA within the current SSTS non-Confidential Business Information data.

TRI Toxics Release Inventory

VERSION DATE: 12/31/18

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/16

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency (EPA) authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site. The EPA has collected Chemical Data Reporting (CDR) data since in 1986 (as Inventory Update Reporting). Collections occur approximately every four years and reporting requirements changed from collection to collection.

RCRAGR06 Resource Conservation & Recovery Act - Generator

VERSION DATE: 06/15/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

RCRANGR06 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 06/15/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers

Environmental Records Definitions - FEDERAL

to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 04/30/20

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 03/28/20

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments. The following Primary SIC Codes are included in this data: 7211, 7212, 7213, 7215, 7216, 7217, 7218, and/or 7219; the following Primary NAICS Codes are included in this data: 812320, 812331, and/or 812332.

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

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MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 09/20/19

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 04/09/20

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 04/22/20

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 06/15/20

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

Environmental Records Definitions - FEDERAL

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 06/15/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 04/23/20

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 04/23/20

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 11/26/19

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste,

Environmental Records Definitions - FEDERAL

environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 12/31/18

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 06/15/20

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

Environmental Records Definitions - FEDERAL

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 04/22/20

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 04/22/20

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 06/15/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

RCRASUBC Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 06/15/20

Environmental Records Definitions - FEDERAL

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS Record of Decision System

VERSION DATE: 04/22/20

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (TX)

GWCC Groundwater Contamination Cases

VERSION DATE: 12/31/18

This is a Joint Groundwater Monitoring and Contamination Report provided by the Texas Commission on Environmental Quality (TCEQ) with the Railroad Commission of Texas (RRC). The annual report describes the status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The report provides a general overview of groundwater monitoring by participating members on a program by program basis. Groundwater contamination is broadly defined in the report as any detrimental alteration of the naturally occurring quality of groundwater.

HISTGWCC Historic Groundwater Contamination Cases

VERSION DATE: 12/31/17

This is a Joint Groundwater Monitoring and Contamination Report provided by the Texas Commission on Environmental Quality (TCEQ) that includes historic groundwater contamination cases reported since 1994. These cases have been closed by a program area or agency, such as the TCEQ, the Railroad Commission of Texas, and/or the Texas Alliance of Groundwater Districts. According to the TCEQ report, although enforcement actions may be closed on these cases, the Activity Status Code descriptions allow that groundwater contamination may still be present at the site and may therefore be of interest to regulatory agencies and the general public.

LANDAPP Land Application Permits

VERSION DATE: 06/18/20

Texas Land Application Permits are a requirement from the Texas Commission on Environmental Quality for any domestic facility that disposes of treated effluent by land application such as surface irrigation, evaporation, drainfields or subsurface land application.

LIENS TCEQ Liens

VERSION DATE: 06/06/18

Liens filed upon State and/or Federal Superfund Sites by the Texas Commission on Environmental Quality.

MSD Municipal Setting Designations

VERSION DATE: 02/03/20

The Texas Commission on Environmental Quality (TCEQ) defines an MSD as an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records. The MSD property can be a single property, multi-property, or a portion of property.

Environmental Records Definitions - STATE (TX)

TCEQ Disclaimer: This data is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

NOV Notice of Violations

VERSION DATE: 02/24/16

This database containing Notice of Violations (NOV) is maintained by the Texas Commission on Environmental Quality. An NOV is a written notification that documents and communicates violations observed during an inspection to the business or individual inspected.

SIEC01 State Institutional/Engineering Control Sites

VERSION DATE: 05/22/20

The Texas Risk Reduction Program (TRRP) requires the placement of institutional controls (e.g., deed notices or restrictive covenants) on affected property in different circumstances as part of completing a response action. In its simplest form, an institutional control (IC) is a legal document that is recorded in the county deed records. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination. The sites included on this list are regulated by various programs of the Texas Commission on Environmental Quality (TCEQ).

SPILLS Spills Listing

VERSION DATE: 04/10/20

This Texas Commission on Environmental Quality database includes releases of hazardous or potentially hazardous materials into the environment.

TIERII Tier II Chemical Reporting Program Facilities

VERSION DATE: 12/31/12

The Texas Tier II Chemical Reporting Program in the Department of State Health Services (DSHS) is the state repository for EPCRA-required Emergency Planning Letters (EPLs), which are one-time notifications to the state from facilities that have certain extremely hazardous chemicals in specified amounts. The Program is also the state repository for EPCRA/state-required hazardous chemical inventory reports called Texas Tier Two Reports. This data contains those facility reports for the 2005 through the 2012 calendar years. Please contact the Texas Commission on Environmental Quality Tier II Chemical Reporting Division as the current source for this data, due to confidentiality and safety reasons details such as the location and capacity of on-site hazardous chemicals is only available to local emergency planning agencies, fire departments, and/or owners.

DCR Dry Cleaner Registration Database

VERSION DATE: 05/12/20

Environmental Records Definitions - STATE (TX)

The database includes dry cleaning drop stations and facilities registered with the Texas Commission on Environmental Quality.

IHW Industrial and Hazardous Waste Sites

VERSION DATE: 02/06/20

Owner and facility information is included in this database of permitted and non-permitted industrial and hazardous waste sites (this database excludes information for one time shipment requests). Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PIHW Permitted Industrial Hazardous Waste Sites

VERSION DATE: 02/06/20

Owner and facility information is included in this database of all permitted industrial and hazardous waste sites. Industrial waste is waste that results from or is incidental to operations of industry, manufacturing, mining, or agriculture. Hazardous waste is defined as any solid waste listed as hazardous or possesses one or more hazardous characteristics as defined in federal waste regulations. Permitted IHW facilities are regulated under 30 Texas Administrative Code Chapter 335 in addition to federal regulations. The IHW database is maintained by the Texas Commission on Environmental Quality.

PST Petroleum Storage Tanks

VERSION DATE: 03/09/20

The Petroleum Storage Tank database is administered by the Texas Commission on Environmental Quality (TCEQ). Both Underground storage tanks (USTs) and Aboveground storage tanks (ASTs) are included in this report. Petroleum Storage Tank registration has been a requirement with the TCEQ since 1986.

APAR Affected Property Assessment Reports

VERSION DATE: 05/20/20

As regulated by the Texas Commission on Environmental Quality, an Affected Property Assessment Report is required when a person is addressing a release of chemical of concern (COC) under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary. The Texas Administrative Code Title 30 §350.4(a)(1) defines affected property as the entire area (i.e. on-site and off-site; including all environmental media) which contains releases of chemicals of concern at concentrations equal to or greater than the assessment level applicable for residential land use and groundwater classification.

Environmental Records Definitions - STATE (TX)

BSA Brownfields Site Assessments

VERSION DATE: 05/15/20

The Brownfields Site Assessments database is maintained by the Texas Commission on Environmental Quality (TCEQ). The TCEQ, in close partnership with the U.S. Environmental Protection Agency (EPA) and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of brownfields through the development of regulatory, tax, and technical assistance tools.

CALF Closed & Abandoned Landfill Inventory

VERSION DATE: 11/01/05

The Texas Commission on Environmental Quality, under a contract with Texas State University, and in cooperation with the 24 regional Council of Governments (COGs) in the State, has located over 4,000 closed and abandoned municipal solid waste landfills throughout Texas. This listing contains "unauthorized sites". Unauthorized sites have no permit and are considered abandoned. The information available for each site varies in detail and this historical information is not updated. Please refer to the specific regional COG for the most current information.

DCRPS Dry Cleaner Remediation Program Sites

VERSION DATE: 03/03/20

This list of DCRP sites is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents.

IOP Innocent Owner / Operator Database

VERSION DATE: 05/26/20

Texas Innocent Owner / Operator (IOP), created by House Bill 2776 of the 75th Legislature, provides a certificate to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination. The IOP database is maintained by the Texas Commission on Environmental Quality.

LPST Leaking Petroleum Storage Tanks

VERSION DATE: 03/04/20

The Leaking Petroleum Storage Tank listing is derived from the Petroleum Storage Tank (PST) database and is maintained by the Texas Commission on Environmental Quality. This listing includes aboveground and underground storage tank facilities with reported leaks.

Environmental Records Definitions - STATE (TX)

MSWLF Municipal Solid Waste Landfill Sites

VERSION DATE: 06/05/20

The municipal solid waste landfill database is provided by the Texas Commission on Environmental Quality. This database includes active landfills and inactive landfills, where solid waste is treated or stored.

OCP Operator Cleanup Program Sites

VERSION DATE: 06/04/20

The Operator Cleanup Program oversees Operator-led cleanups to ensure compliance with RRC rules. The Sites in the Operator Cleanup Program enter the program on a case by-case basis through referral from the RRC District Offices or other RRC sections (e.g. Technical Permitting or Legal Enforcement) when groundwater has been impacted or has the potential to be impacted, risk-based site assessment is needed, or when the release consists of a unique or unusual contaminant. Operators can also choose to voluntarily enter their cleanup sites into the RRC's Operator Cleanup Program. Database is provided and maintained by the Railroad Commission of Texas (RRC) and location information is limited to what is available via the agency.

RRCVCP Railroad Commission VCP and Brownfield Sites

VERSION DATE: 06/10/20

According to the Railroad Commission of Texas, their Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.

RWS Radioactive Waste Sites

VERSION DATE: 07/11/06

This Texas Commission on Environmental Quality database contains all sites in the State of Texas that have been designated as Radioactive Waste sites.

STCV Salt Caverns for Petroleum Storage

VERSION DATE: 09/01/06

The salt caverns for petroleum storage database is provided by the Railroad Commission of Texas.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 05/22/20

The Texas Voluntary Cleanup Program (VCP) provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since all non-responsible parties, including future lenders

Environmental Records Definitions - STATE (TX)

and landowners, receive protection from liability to the state of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. The VCP database is maintained by the Texas Commission on Environmental Quality.

WMRF Recycling Facilities

VERSION DATE: 11/01/12

This listing of recycling facilities is provided by the Texas Commission on Environmental Quality's Recycle Texas Online service. The company information provided in this database is self-reported. Since recyclers post their own information, a facility or company appearing on the list does not imply that it is in compliance with TCEQ regulations or other applicable laws. This database is no longer maintained and includes the last compilation of the program participants before the Recycle Texas Online program was closed.

WSTMGMT Commercial Management Facilities for Hazardous Waste and Industrial Solid Wastes

VERSION DATE: 10/01/19

This publication lists facilities that have permits or authorizations from the Texas Commission on Environmental Quality (TCEQ) to receive, on a commercial basis, and manage hazardous waste, industrial nonhazardous waste, or both.

IHWCA Industrial and Hazardous Waste Corrective Action Sites

VERSION DATE: 01/21/20

This database is provided by the Texas Commission on Environmental Quality (TCEQ). According to the TCEQ, the mission of the industrial and hazardous waste corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes. The goals of this program are to: Ensure that sites are assessed and remediated to levels that protect human health and the environment; Verify that waste management units or facilities are taken out of service and closed properly; and to Facilitate revitalization of contaminated properties.

SF State Superfund Sites

VERSION DATE: 05/26/20

The state Superfund program mission is to remediate abandoned or inactive sites within the state that pose an unacceptable risk to public health and safety or the environment, but which do not qualify for action under the federal Superfund program (NPL - National Priority Listing). As required by the Texas Solid Waste Disposal Act, Texas Health and Safety Code, Chapter 361, the Texas Commission on Environmental Quality identifies and evaluates these facilities for inclusion on the state Superfund registry. This listing includes any recent developments and the anticipated action for these sites as documented in the annual state Superfund registry publication of the Texas Register as well as the Superfund Webpage on the TCEQ website.

Environmental Records Definitions - LOCAL

EAP Edwards Aquifer Permits

VERSION DATE: 07/21/06

This database, maintained by the Texas Commission on Environmental Quality, contains Edward Aquifer permits.

AUSTINHISTUST City of Austin Historical Underground Storage Tanks

VERSION DATE: 06/09/20

This is an inventory of historical underground gas storage tanks. An Underground Storage Tank (UST) can pose a very serious threat to human health, the environment, and property if not properly operated and maintained. The UST Leak Prevention Program focuses on all facilities with underground storage tanks storing hazardous materials found within the UST Program jurisdiction. Please credit the City of Austin Planning and Development Review with use of this data.

AUSTINUST City of Austin Underground Storage Tanks

VERSION DATE: 06/09/20

This is an inventory of active underground gas storage tanks. An Underground Storage Tank (UST) can pose a very serious threat to human health, the environment, and property if not properly operated and maintained. The UST Leak Prevention Program focuses on all facilities with underground storage tanks storing hazardous materials found within the UST Program jurisdiction. Please credit the City of Austin Planning and Development Review with use of this data.

Environmental Records Definitions - TRIBAL

USTR06 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/20

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

LUSTR06 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/20

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 09/27/17

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.



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Columbus Office
1801 Watermark Drive
Suite 150
Columbus, OH 43215

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www.gpdgroup.com

Phase I Environmental Site Assessment Checklist

Project Name: FS1101
Location: 9019 Elroy Road Del Valle, TX
Project No. 2020730.36

Prepared By: Matt Dickson Date: 7/9/20

Checked By: _____ Date: _____

Client Information:

Company Name: Enertech Resources
Name: Harmony Clarkrider
Address: _____
Phone Number: _____

Phase I Environmental Site Assessment Checklist

Job Number:

Date:

1.1 PHYSICAL SETTING

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography		
<i>Site Elevation</i>	Approx 594'	
<i>Surface Runoff/ Topographic Gradient</i>	E/SE run off	
<i>Closest Surface Water</i>	None visible	
Soil Characteristics		
<i>Soil Type:</i>	Scrub grass/gravel	
<i>Description:</i>	Compacted access gravel drive, tower area weeds/grass with burn pile in center.	
Geology/Hydrogeology		
<i>Formation:</i>	N/A	
<i>Description:</i>		
<i>Estimated Depth to First Occurrence of Ground Water:</i>		
<i>*Hydrogeologic Gradient: (If known)</i>	N/A	
Site Water Source		

*The ground water flow direction and the depth to shallow, unconfined ground water, if present would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site ground water monitoring wells surveyed to a datum, ground water depth and flow direction beneath the site cannot be ascertained.

Phase I Environmental Site Assessment Checklist

Job Number:

Date:

1.2 GENERAL DESCRIPTION

GENERAL SITE INFORMATION				
Site Reconnaissance				
<i>Field Personnel</i>	Matt Dickson			
<i>Reconnaissance Date</i>	7/9/2020			
<i>Weather</i>	93 partly cloudy			
<i>Site Contact/Title</i>				
Site Description				
<i>Site Name</i>	FS1101			
<i>Site Location/Address</i>	9019 Elroy Road Del Valle, TX			
<i>Adjoining Streets</i>	Elroy Road and FM812			
<i>Land Area</i>				
Land Area Description				
No. of Buildings		Year Constructed	Approx. Square Footage	No. of Floors
<i>Other Site Improvements</i>	Multiple buildings near subject property. Controlled burn building NE of proposed tower location. Three portable buildings/storage which appear to be able to relocate.			
<i>Site Topographic Relief</i>				

Phase I Environmental Site Assessment Checklist

Job Number:

Date:

1.3 CURRENT SITE USE

Those entries below designated by an “X” indicate that the Item or Feature was observed during the site visit. If no “X” designation appears below, then the Item or Feature was not observed on the date of the site visit.

Category	Item or Feature	Item or Feature Observed
Site Operations, Processes, and Equipment	Emergency Generators	
	Elevators	
	Air Compressors	
	Hydraulic Equipment	
Aboveground Chemical or Waste Storage	Evidence of aboveground storage tanks	x
	Drums, barrels, and or containers	x
	Cleaning and/or similar supplies	x
Underground Chemical or Waste Storage, Drainage, or Collection Systems	Evidence of underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins, and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	x
	Oil/water separators	
	Pipeline markers	
	Interior floor drains	
Transformers/PCBs	Pad or pole-mounted transformers and/or capacitors	
Evidence of Releases or Potential Releases	Stressed vegetation	
	Stained soil or pavement	
	Leachate and/or waste seeps	
	Trash, debris, and/or other waste materials	x
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent, or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
Other Notable Site Features	Surface water bodies (pits, ponds, or lagoons)	
	Quarries or pits	
	Other	

1.3.1 NOTES ON OBSERVED SITE CHARACTERISTICS AND OTHER OBSERVATIONS

Area comprising the compound and tower location appears to be a controlled Burn area. Wood piled in center of the grassy area, ash/charcoal piles within Area as well. Location is on Fire Department land, all burning appears to be for Training purposes. Approx 200 gallon above ground propane tank noted approximately 160' NW of proposed site location. Rusted car frame approximately 45' from proposed site location.

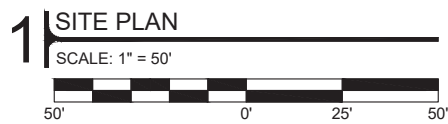
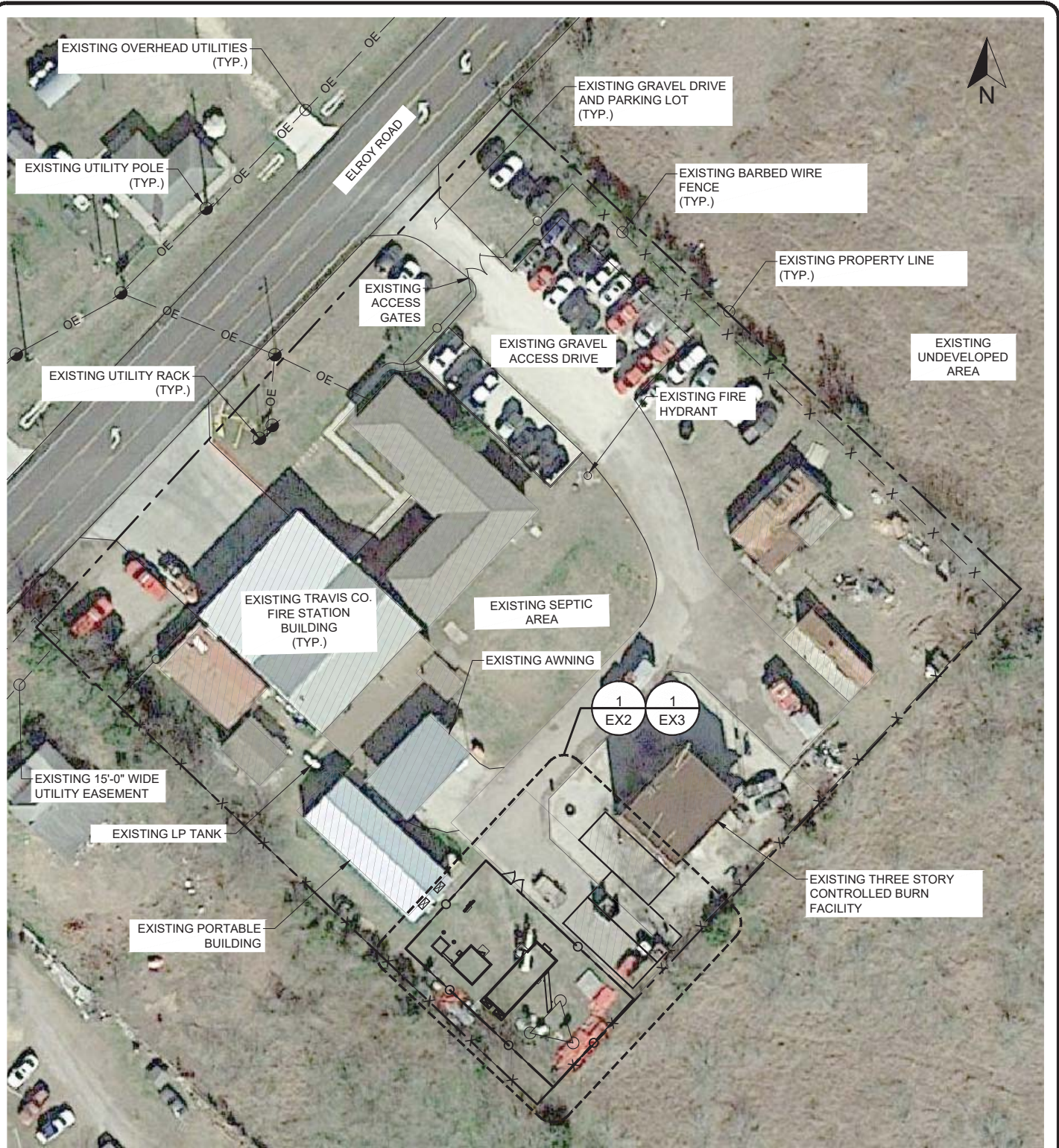
No trees within project area, no above ground tanks within defined project area, no evidence of nests or suitable habitat within the project area. No standing water or potential wetlands within the project area or visible from project area. Land area behind a fire station with developed access. All noted drums, AST, cleaning materials appear to be in line with a fire station. Nothing of concern noted during site visit.

1.4 CURRENT SURROUNDING LAND USE

Visual observations of adjoining/surrounding properties (from site boundaries and readily accessible public areas) are summarized below.

Adjoining/Surrounding Properties

Direction	Description
North	Name: access road followed by septic field various buildings to the NW and NE Address: Description:
East	Name: Portable structure (no interior walls appears to be used for training on gas leaks as pipes and hoses are exposed) followed by controlled burn structure for training purposes Address: Description:
South	Name: Fence line followed by field with scrub brush and thin trees Address: Description:
West	Name: portable container/shipping box followed by fence line with field and scrub brush and trees Address: Description:



ENERTECH
 5920 West William Cannon Drive,
 Building 1, Suite 102
 Austin, Texas 78749
 www.enertechresources.com

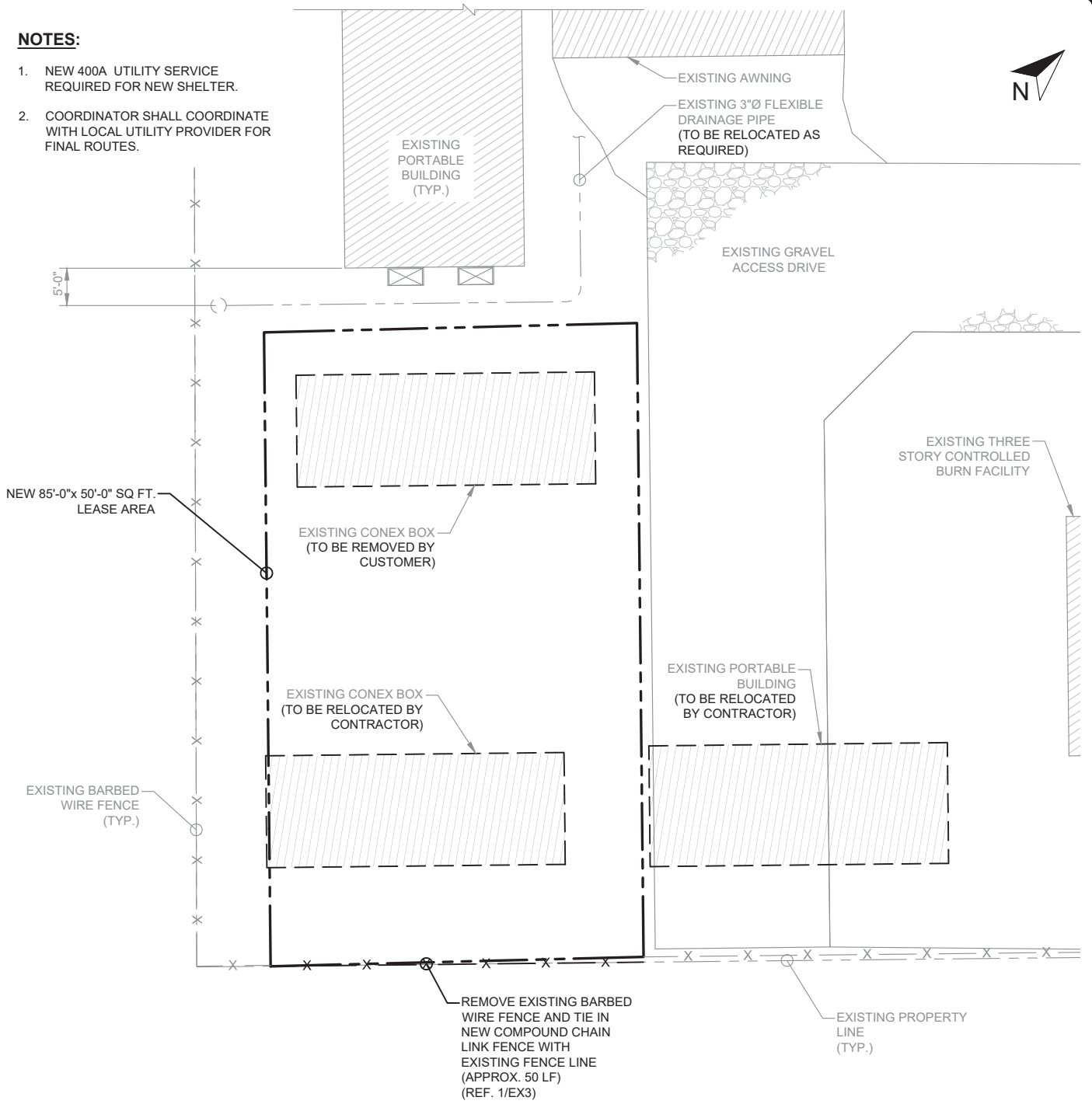
MOTOROLA SOLUTIONS
 AUSTIN, TEXAS
 FS 1101

DATE PRINTED
 5/20/20

EX1

NOTES:

1. NEW 400A UTILITY SERVICE REQUIRED FOR NEW SHELTER.
2. COORDINATOR SHALL COORDINATE WITH LOCAL UTILITY PROVIDER FOR FINAL ROUTES.



1 EXISTING DETAILED SITE PLAN
 SCALE: 1" = 20'

5920 West William Cannon Drive,
 Building 1, Suite 102
 Austin, Texas 78749
 www.enertechresources.com

MOTOROLA SOLUTIONS
 AUSTIN, TEXAS

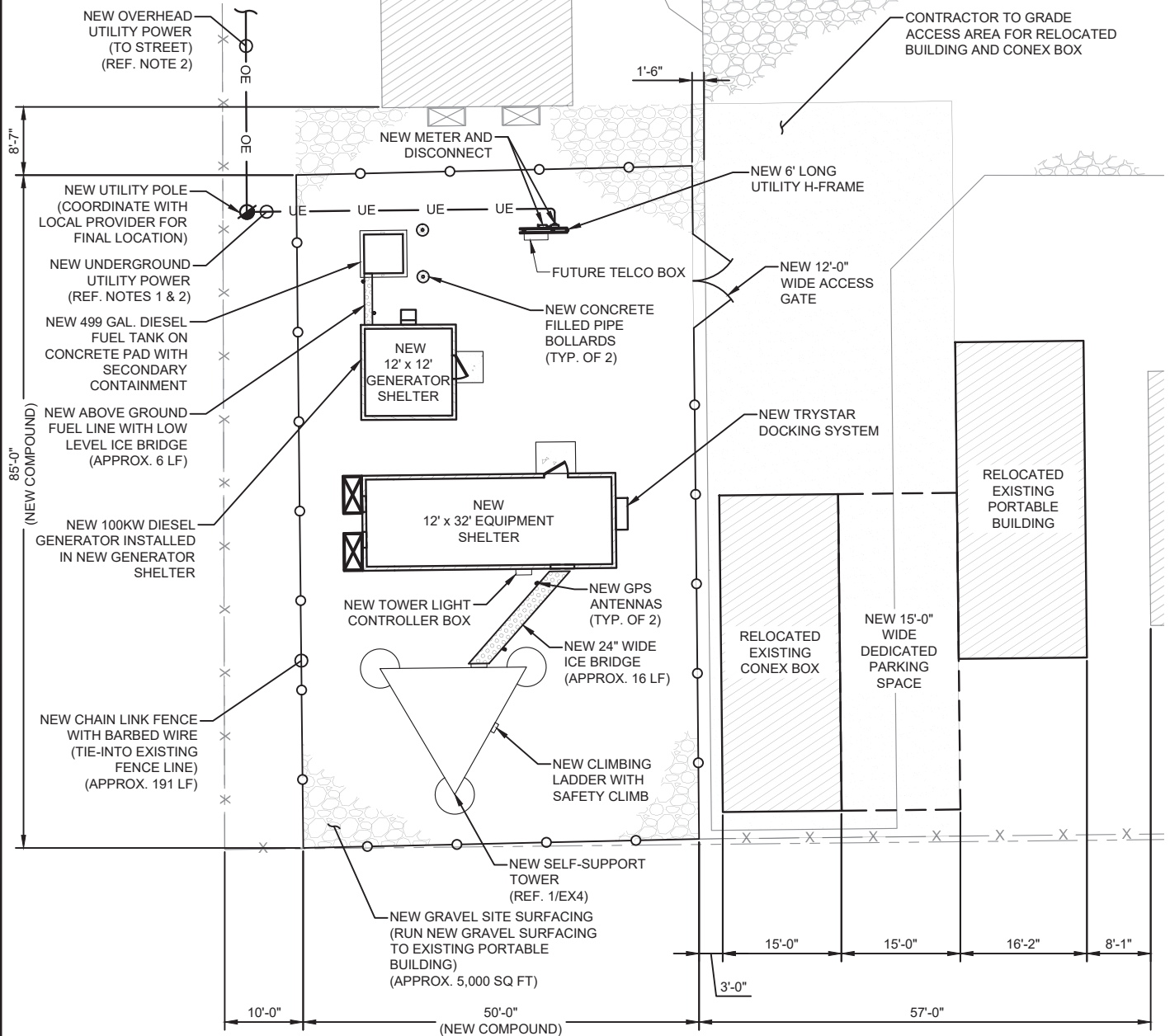
FS 1101

DATE PRINTED
 5/20/20

EX2

NOTES:

1. NEW 400A UTILITY SERVICE REQUIRED FOR NEW SHELTER.
2. COORDINATOR SHALL COORDINATE WITH LOCAL UTILITY PROVIDER FOR FINAL ROUTES.



1 | NEW DETAILED SITE PLAN
 SCALE: 1" = 20'

5920 West William Cannon Drive,
 Building 1, Suite 102
 Austin, Texas 78749
 www.enertechresources.com

MOTOROLA SOLUTIONS
 AUSTIN, TEXAS

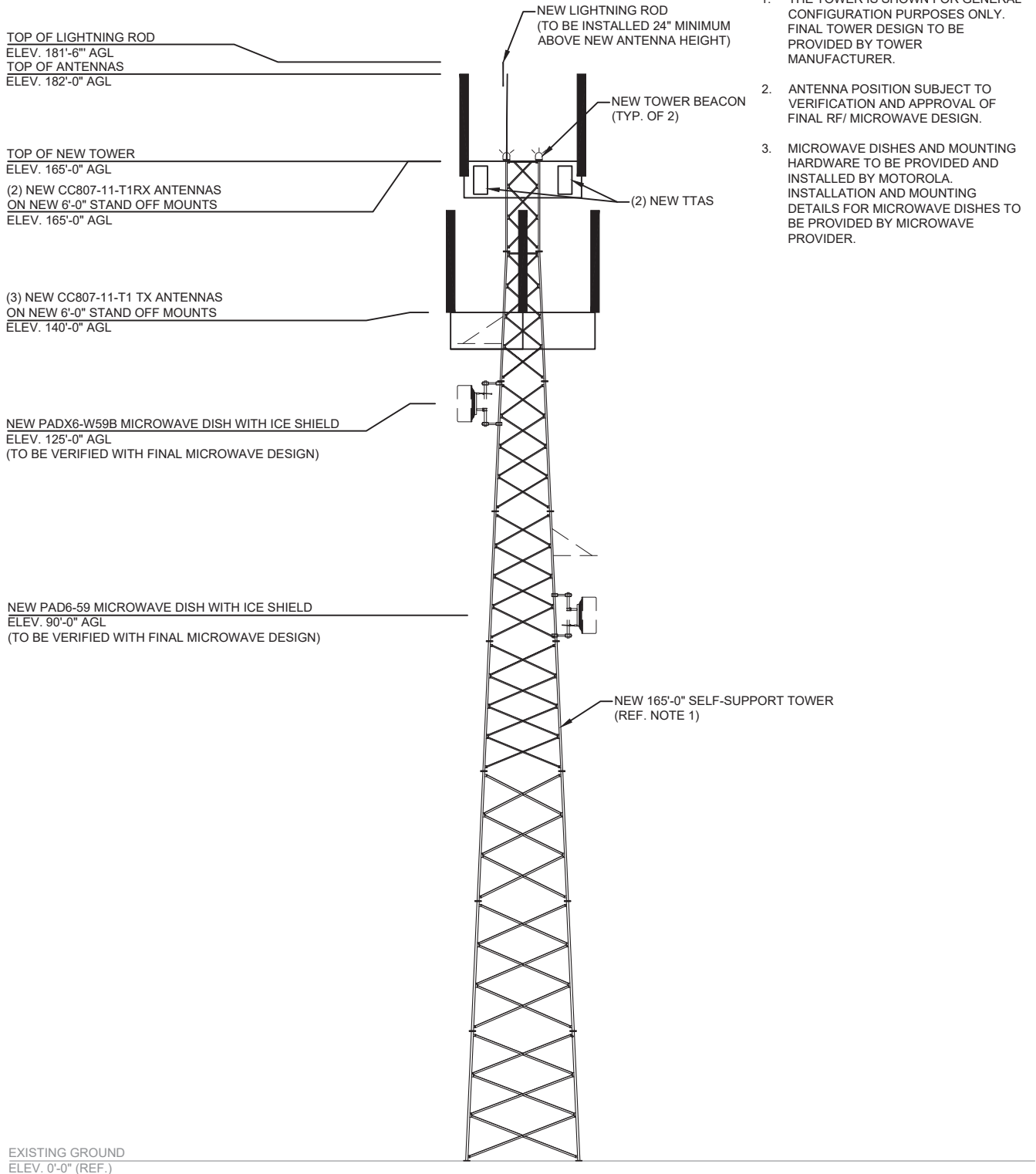
FS 1101

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EX3

NOTES:

1. THE TOWER IS SHOWN FOR GENERAL CONFIGURATION PURPOSES ONLY. FINAL TOWER DESIGN TO BE PROVIDED BY TOWER MANUFACTURER.
2. ANTENNA POSITION SUBJECT TO VERIFICATION AND APPROVAL OF FINAL RF/ MICROWAVE DESIGN.
3. MICROWAVE DISHES AND MOUNTING HARDWARE TO BE PROVIDED AND INSTALLED BY MOTOROLA. INSTALLATION AND MOUNTING DETAILS FOR MICROWAVE DISHES TO BE PROVIDED BY MICROWAVE PROVIDER.



1 TOWER ELEVATION
SCALE: N.T.S.



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EX4



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Endangered Species Act (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/endangered-species>

1. Does the project involve any activities that have the potential to affect species or habitats?

No, the project will have No Effect due to the nature of the activities involved in the project.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office.

Explain your determination:

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Yes, the activities involved in the project have the potential to affect species and/or habitats.

→ Continue to Question 2.

2. Are federally listed species or designated critical habitats present in the action area?

Obtain a list of protected species from the Services. This information is available on the [FWS Website](#).

No, the project will have No Effect due to the absence of federally listed species and designated critical habitat.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation may include letters from the Services, species lists from the Services’ websites, surveys or other documents and analysis showing that there are no species in the action area.

Yes, there are federally listed species or designated critical habitats present in the action area.

→ Continue to Question 3.

3. Recommend one of the following effects that the project will have on federally listed species or designated critical habitat:

No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.*

May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.

→ Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Informal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*

Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.

→ Partner entities should not contact the Services directly. *If the RE/HUD agrees with this recommendation, they will have to complete Formal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The IPaC dated July 16, 2020 states, “there are no critical habitats within your project area under this office’s jurisdiction.” Additionally existing access will be utilized to reach the project location and there is no need for tree removal to facilitate the proposed tower and equipment.



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Austin Ecological Services Field Office

10711 Burnet Road, Suite 200

Austin, TX 78758-4460

Phone: (512) 490-0057 Fax: (512) 490-0974

<http://www.fws.gov/southwest/es/AustinTexas/>

<http://www.fws.gov/southwest/es/EndangeredSpecies/lists/>

In Reply Refer To:

July 16, 2020

Consultation Code: 02ETAU00-2020-SLI-1814

Event Code: 02ETAU00-2020-E-03744

Project Name: Eneritech- FS1101

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that *may* occur within the county of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Please note that new information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Also note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of federally listed as threatened

or endangered species and to determine whether projects may affect these species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

While a Federal agency may designate a non-Federal representative to conduct informal consultation or prepare a biological assessment, the Federal Agency must notify the Service in writing of any such designation. The Federal agency shall also independently review and evaluate the scope and content of a biological assessment prepared by their designated non-Federal representative before that document is submitted to the Service.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by a federally funded, permitted or authorized activity, the agency is required to consult with the Service pursuant to 50 CFR 402. The following definitions are provided to assist you in reaching a determination:

- *No effect* - the proposed action will not affect federally listed species or critical habitat. A “no effect” determination does not require section 7 consultation and no coordination or contact with the Service is necessary. However, if the project changes or additional information on the distribution of listed or proposed species becomes available, the project should be reanalyzed for effects not previously considered.
 - *May affect, but is not likely to adversely affect* - the project may affect listed species and/or critical habitat; however, the effects are expected to be discountable, insignificant, or completely beneficial. Certain avoidance and minimization measures may need to be implemented in order to reach this level of effect. The Federal agency or the designated non-Federal representative should consult with the Service to seek written concurrence that adverse effects are not likely. Be sure to include all of the information and documentation used to reach your decision with your request for concurrence. The Service must have this documentation before issuing a concurrence.
 - *Is likely to adversely affect* - adverse effects to listed species may occur as a direct or indirect result of the proposed action. For this determination, the effect of the action is neither discountable nor insignificant. If the overall effect of the proposed action is beneficial to the listed species but the action is also likely to cause some adverse effects to individuals of that species, then the proposed action “is likely to adversely affect” the listed species. The analysis should consider all interrelated and interdependent actions. An “is likely to adversely affect” determination requires the Federal action agency to initiate formal section 7 consultation with our office.
-

Regardless of the determination, the Service recommends that the Federal agency maintain a complete record of the evaluation, including steps leading to the determination of effect, the qualified personnel conducting the evaluation, habitat conditions, site photographs, and any other related information. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at: <http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>.

Migratory Birds

For projects that may affect migratory birds, the Migratory Bird Treaty Act (MBTA) implements various treaties and conventions for the protection of these species. Under the MBTA, taking, killing, or possessing migratory birds is unlawful. Migratory birds may nest in trees, brushy areas, or other areas of suitable habitat. The Service recommends activities requiring vegetation removal or disturbance avoid the peak nesting period of March through August to avoid destruction of individuals, nests, or eggs. If project activities must be conducted during this time, we recommend surveying for nests prior to conducting work. If a nest is found, and if possible, the Service recommends a buffer of vegetation remain around the nest until the young have fledged or the nest is abandoned.

For additional information concerning the MBTA and recommendations to reduce impacts to migratory birds please contact the U.S. Fish and Wildlife Service Migratory Birds Office, 500 Gold Ave. SW, Albuquerque, NM 87102. A list of migratory birds may be viewed at <https://www.fws.gov/birds/management/managed-species/migratory-bird-treaty-act-protected-species.php>. Guidance for minimizing impacts to migratory birds for projects including communications towers can be found at: <https://www.fws.gov/birds/management/project-assessment-tools-and-guidance/guidance-documents/communication-towers.php>. Additionally, wind energy projects should follow the wind energy guidelines

<https://www.fws.gov/birds/management/project-assessment-tools-and-guidance/guidance-documents/wind-energy.php>) for minimizing impacts to migratory birds and bats.

Finally, please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan <https://www.fws.gov/birds/management/project-assessment-tools-and-guidance/guidance-documents/eagles.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Austin Ecological Services Field Office

10711 Burnet Road, Suite 200

Austin, TX 78758-4460

(512) 490-0057

Project Summary

Consultation Code: 02ETAU00-2020-SLI-1814

Event Code: 02ETAU00-2020-E-03744

Project Name: Enertech- FS1101

Project Type: COMMUNICATIONS TOWER

Project Description: Enertech will build a new 190-foot tall self-support tower.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/30.121678169210043N97.63301036654177W>



Counties: Travis, TX

Endangered Species Act Species

There is a total of 18 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 3 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.
-

Birds

NAME	STATUS
<p>Golden-cheeked Warbler (=wood) <i>Dendroica chrysoparia</i></p> <p>No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/33</p>	Endangered
<p>Least Tern <i>Sterna antillarum</i></p> <p>Population: interior pop. No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/8505</p>	Endangered
<p>Piping Plover <i>Charadrius melodus</i></p> <p>Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/6039</p>	Threatened
<p>Red Knot <i>Calidris canutus rufa</i></p> <p>No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/1864</p>	Threatened
<p>Whooping Crane <i>Grus americana</i></p> <p>Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/758</p>	Endangered

Amphibians

NAME	STATUS
<p>Austin Blind Salamander <i>Eurycea waterlooensis</i></p> <p>There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5737</p>	Endangered
<p>Barton Springs Salamander <i>Eurycea sosorum</i></p> <p>No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1113</p>	Endangered
<p>Jollyville Plateau Salamander <i>Eurycea tonkawae</i></p> <p>There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3116</p>	Threatened

Clams

NAME	STATUS
Texas Fatmucket <i>Lampsilis bracteata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9041	Candidate
Texas Fawnsfoot <i>Truncilla macrodon</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8965	Candidate
Texas Pimpleback <i>Quadrula petrina</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8966	Candidate

Insects

NAME	STATUS
Kretschmarr Cave Mold Beetle <i>Texamaurops reddelli</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3140	Endangered
Tooth Cave Ground Beetle <i>Rhadine persephone</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5625	Endangered

Arachnids

NAME	STATUS
Bee Creek Cave Harvestman <i>Texella reddelli</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2464	Endangered
Bone Cave Harvestman <i>Texella reyesi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5306	Endangered
Tooth Cave Pseudoscorpion <i>Tartarocreagris texana</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6667	Endangered
Tooth Cave Spider <i>Neoleptoneta myopica</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2360	Endangered

Flowering Plants

NAME	STATUS
Bracted Twistflower <i>Streptanthus bracteatus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2856	Candidate

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Last Update: 3/5/2021

TRAVIS COUNTY

AMPHIBIANS

Austin blind salamander

Eurycea waterlooensis

Aquatic and subterranean; streams and caves.

Federal Status: LE

State Status: E

SGCN: Y

Endemic: Y

Global Rank: G1

State Rank: S1

Barton Springs salamander

Eurycea sosorum

Aquatic; springs, streams and caves with rocky or cobble beds.

Federal Status: LE

State Status: E

SGCN: Y

Endemic: Y

Global Rank: G1

State Rank: S1

Jollyville Plateau salamander

Eurycea tonkawae

Aquatic; springs, streams and caves with rocky or cobble beds.

Federal Status: LT

State Status: T

SGCN: Y

Endemic: Y

Global Rank: G2

State Rank: S2

Strecker's chorus frog

Pseudacris streckeri

Terrestrial and aquatic: Wooded floodplains and flats, prairies, cultivated fields and marshes. Likes sandy substrates.

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G5

State Rank: S3

Woodhouse's toad

Anaxyrus woodhousii

Terrestrial and aquatic: A wide variety of terrestrial habitats are used by this species, including forests, grasslands, and barrier island sand dunes. Aquatic habitats are equally varied.

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G5

State Rank: SU

ARACHNIDS

Bandit Cave spider

Cicurina bandida

Very small, subterrestrial, subterranean obligate

Federal Status:

State Status:

SGCN: Y

Endemic: Y

Global Rank: G2Q

State Rank: S1

Bone Cave harvestman

Texella reyesi

Small, blind, cave-adapted harvestman endemic to several caves in Travis and Williamson counties; weakly differentiated from *Texella reddelli*

Federal Status: LE

State Status:

SGCN: Y

Endemic: Y

Global Rank: G2G3

State Rank: S2

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TRAVIS COUNTY

ARACHNIDS

No accepted common name	<i>Texella grubbsi</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G1G2	State Rank:	S1
No accepted common name	<i>Texella mulaiki</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G2G3	State Rank:	S2
No accepted common name	<i>Texella spinoperca</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic:	Global Rank: GNR	State Rank:	SNR
No accepted common name	<i>Tartarocreagris infernalis</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G2G3	State Rank:	S2?
No accepted common name	<i>Tartarocreagris intermedia</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G1G2	State Rank:	S1
No accepted common name	<i>Tartarocreagris altimana</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G1G2	State Rank:	S1
No accepted common name	<i>Tartarocreagris attenuata</i>		
Habitat description is not available at this time.			
Federal Status:	State Status:	SGCN:	Y
Endemic: Y	Global Rank: G1G2	State Rank:	S1

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TRAVIS COUNTY

ARACHNIDS

No accepted common name *Tartarocreagris domina*

Habitat description is not available at this time.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2	State Rank: S1

No accepted common name *Tartarocreagris proserpina*

Habitat description is not available at this time.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2	State Rank: S1

No accepted common name *Cicurina trivisae*

Habitat description is not available at this time.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2Q	State Rank: S1

No accepted common name *Eidmannella reclusa*

Habitat description is not available at this time.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2	State Rank: S1

Reddell harvestman *Texella reddelli*

Small, blind, cave-adapted harvestman endemic to a few caves in Travis and Williamson counties

Federal Status: LE	State Status:	SGCN: Y
Endemic: Y	Global Rank: G2G3	State Rank: S2

Tooth Cave pseudoscorpion *Tartarocreagris texana*

Small, cave-adapted pseudoscorpion known from small limestone caves of the Edwards Plateau

Federal Status: LE	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2	State Rank: S1

Tooth Cave spider *Neoleptoneta myopica*

Very small, cave-adapted, sedentary spider

Federal Status: LE	State Status:	SGCN: Y
Endemic:	Global Rank: G1G2	State Rank: S1

BIRDS

bald eagle *Haliaeetus leucocephalus*

Found primarily near rivers and large lakes; nests in tall trees or on cliffs near water; communally roosts, especially in winter; hunts live prey, scavenges, and pirates food from other birds

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TRAVIS COUNTY

BIRDS

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S3B,S3N

Black Rail *Laterallus jamaicensis*

Salt, brackish, and freshwater marshes, pond borders, wet meadows, and grassy swamps; nests in or along edge of marsh, sometimes on damp ground, but usually on mat of previous years dead grasses; nest usually hidden in marsh grass or at base of Salicornia

Federal Status: LT State Status: T SGCN: Y
Endemic: N Global Rank: G3 State Rank: S2

black-capped vireo *Vireo atricapilla*

Oak-juniper woodlands with distinctive patchy, two-layered aspect; shrub and tree layer with open, grassy spaces; requires foliage reaching to ground level for nesting cover; return to same territory, or one nearby, year after year; deciduous and broad-leaved shrubs and trees provide insects for feeding; species composition less important than presence of adequate broad-leaved shrubs, foliage to ground level, and required structure; nesting season March-late summer

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3 State Rank: S3B

Franklin's gull *Leucophaeus pipixcan*

This species is only a spring and fall migrant throughout Texas. It does not breed in or near Texas. Winter records are unusual consisting of one or a few individuals at a given site (especially along the Gulf coastline). During migration, these gulls fly during daylight hours but often come down to wetlands, lake shore, or islands to roost for the night.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2N

golden-cheeked warbler *Setophaga chrysoparia*

Ashe juniper in mixed stands with various oaks (*Quercus* spp.). Edges of cedar brakes. Dependent on Ashe juniper (also known as cedar) for long fine bark strips, only available from mature trees, used in nest construction; nests are placed in various trees other than Ashe juniper; only a few mature junipers or nearby cedar brakes can provide the necessary nest material; forage for insects in broad-leaved trees and shrubs; nesting late March-early summer.

Federal Status: LE State Status: E SGCN: Y
Endemic: N Global Rank: G2 State Rank: S2S3B

interior least tern *Sternula antillarum athalassos*

Sand beaches, flats, bays, inlets, lagoons, islands. Subspecies is listed only when inland (more than 50 miles from a coastline); nests along sand and gravel bars within braided streams, rivers; also know to nest on man-made structures (inland beaches, wastewater treatment plants, gravel mines, etc); eats small fish and crustaceans, when breeding forages within a few hundred feet of colony

Federal Status: DL: Delisted State Status: E SGCN: Y
Endemic: N Global Rank: G4T3Q State Rank: S1B

mountain plover *Charadrius montanus*

Breeding: nests on high plains or shortgrass prairie, on ground in shallow depression; nonbreeding: shortgrass plains and bare, dirt (plowed) fields; primarily insectivorous

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TRAVIS COUNTY

BIRDS

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3 State Rank: S2

piping plover *Charadrius melodus*

Beaches, sandflats, and dunes along Gulf Coast beaches and adjacent offshore islands. Also spoil islands in the Intracoastal Waterway. Based on the November 30, 1992 Section 6 Job No. 9.1, Piping Plover and Snowy Plover Winter Habitat Status Survey, algal flats appear to be the highest quality habitat. Some of the most important aspects of algal flats are their relative inaccessibility and their continuous availability throughout all tidal conditions. Sand flats often appear to be preferred over algal flats when both are available, but large portions of sand flats along the Texas coast are available only during low-very low tides and are often completely unavailable during extreme high tides or strong north winds. Beaches appear to serve as a secondary habitat to the flats associated with the primary bays, lagoons, and inter-island passes. Beaches are rarely used on the southern Texas coast, where bayside habitat is always available, and are abandoned as bayside habitats become available on the central and northern coast. However, beaches are probably a vital habitat along the central and northern coast (i.e. north of Padre Island) during periods of extreme high tides that cover the flats. Optimal site characteristics appear to be large in area, sparsely vegetated, continuously available or in close proximity to secondary habitat, and with limited human disturbance.

Federal Status: LT State Status: T SGCN: Y
Endemic: N Global Rank: G3 State Rank: S2N

swallow-tailed kite *Elanoides forficatus*

Lowland forested regions, especially swampy areas, ranging into open woodland; marshes, along rivers, lakes, and ponds; nests high in tall tree in clearing or on forest woodland edge, usually in pine, cypress, or various deciduous trees

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2B

western burrowing owl *Athene cunicularia hypugaea*

Open grasslands, especially prairie, plains, and savanna, sometimes in open areas such as vacant lots near human habitation or airports; nests and roosts in abandoned burrows

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4T4 State Rank: S2

white-faced ibis *Plegadis chihi*

Prefers freshwater marshes, sloughs, and irrigated rice fields, but will attend brackish and saltwater habitats; currently confined to near-coastal rookeries in so-called hog-wallow prairies. Nests in marshes, in low trees, on the ground in bulrushes or reeds, or on floating mats.

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S4B

whooping crane *Grus americana*

Small ponds, marshes, and flooded grain fields for both roosting and foraging. Potential migrant via plains throughout most of state to coast; winters in coastal marshes of Aransas, Calhoun, and Refugio counties.

Federal Status: LE State Status: E SGCN: Y
Endemic: N Global Rank: G1 State Rank: S1N

wood stork *Mycteria americana*

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TRAVIS COUNTY

BIRDS

Prefers to nest in large tracts of baldcypress (*Taxodium distichum*) or red mangrove (*Rhizophora mangle*); forages in prairie ponds, flooded pastures or fields, ditches, and other shallow standing water, including salt-water; usually roosts communally in tall snags, sometimes in association with other wading birds (i.e. active heronries); breeds in Mexico and birds move into Gulf States in search of mud flats and other wetlands, even those associated with forested areas; formerly nested in Texas, but no breeding records since 1960

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G4 State Rank: SHB,S2N

zone-tailed hawk *Buteo albonotatus*

Arid open country, including open deciduous or pine-oak woodland, mesa or mountain county, often near watercourses, and wooded canyons and tree-lined rivers along middle-slopes of desert mountains; nests in various habitats and sites, ranging from small trees in lower desert, giant cottonwoods in riparian areas, to mature conifers in high mountain regions

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G4 State Rank: S3B

CRUSTACEANS

Balcones Cave amphipod *Stygobromus balconis*

Subaquatic, subterranean obligate amphipod

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2G3 State Rank: S2

Ezell's Cave amphipod *Stygobromus flagellatus*

Known only from artesian wells

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2G3 State Rank: S3

No accepted common name *Lirceolus bisetus*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1G2 State Rank: S1

FISH

american eel *Anguilla rostrata*

Originally found in all river systems from the Red River to the Rio Grande. Aquatic habitats include large rivers, streams, tributaries, coastal watersheds, estuaries, bays, and oceans. Spawns in Sargasso Sea, larva move to coastal waters, metamorphose, and begin upstream movements. Females tend to move further upstream than males (who are often found in brackish estuaries). American Eel are habitat generalists and may be found in a broad range of habitat conditions including slow- and fast-flowing waters over many substrate types. Extirpation in upstream drainages attributed to reservoirs that impede upstream migration.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S4

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TRAVIS COUNTY

FISH

Guadalupe bass *Micropterus treculii*

Endemic to the streams of the northern and eastern Edwards Plateau including portions of the Brazos, Colorado, Guadalupe, and San Antonio basins; species also found outside of the Edwards Plateau streams in decreased abundance, primarily in the lower Colorado River; two introduced populations have been established in the Nueces River system. A pure population was re-established in a portion of the Blanco River in 2014. Species prefers lentic environments but commonly taken in flowing water; numerous smaller fish occur in rapids, many times near eddies; large individuals found mainly in riffle tail races; usually found in spring-fed streams having clear water and relatively consistent temperatures.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

sharpnose shiner *Notropis oxyrhynchus*

Range is now restricted to upper Brazos River upstream of Possum Kingdom Lake. May be native to Red River and Colorado River basins. Typically found in turbid water over mostly silt and shifting sand substrates.

Federal Status: LE	State Status: E	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S1S2

silverband shiner *Notropis shumardi*

In Texas, found from Red River to Lavaca River; Main channel with moderate to swift current velocities and moderate to deep depths; associated with turbid water over silt, sand, and gravel.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S4

smalleye shiner *Notropis buccula*

Endemic to the Brazos River drainage; presumed to have been introduced into the Colorado River. Historically found in lower Brazos River as far south as Hempstead, Texas but appears to now be restricted to upper Brazos River system upstream of Possum Kingdom Lake. Typically found in turbid waters of broad, sandy channels of main stream, over substrate consisting mostly of shifting sand.

Federal Status: LE	State Status: E	SGCN: Y
Endemic: Y	Global Rank: G2	State Rank: S1S2

Texas shiner *Notropis amabilis*

In Texas, it is found primarily in Edwards Plateau streams from the San Gabriel River in the east to the Pecos River in the west. Typical habitat includes rocky or sandy runs, as well as pools.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G4	State Rank: S4

INSECTS

a caddisfly *Neotrichia juani*

Specimens were collected from perennial and ephemeral rivers, and small spring-fed streams (Harris and Tiemann 1993).

Federal Status:	State Status:	SGCN: Y
Endemic:	Global Rank: G1	State Rank: S1

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TRAVIS COUNTY

INSECTS

a caddisfly *Xiphocentron messapus*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1G3 State Rank: S2?

a cave obligate beetle *Rhadine austinica*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1G2 State Rank: S1S2

American bumblebee *Bombus pensylvanicus*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Global Rank: G3G4 State Rank: SNR

cave obligate springtail *Oncopodura fenestra*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2G3 State Rank: S2?

Comanche harvester ant *Pogonomyrmex comanche*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2G3 State Rank: S2

Kretschmarr Cave mold beetle *Texamaurops reddelli*

Small, cave-adapted beetle found under rocks buried in silt; small, Edwards Limestone caves in of the Jollyville Plateau, a division of the Edwards Plateau

Federal Status: LE State Status: SGCN: Y
Endemic: Y Global Rank: G1G2 State Rank: S1

No accepted common name *Lymantes nadineae*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Global Rank: GNR State Rank: SNR

No accepted common name *Rhadine subterranea*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y

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TRAVIS COUNTY

INSECTS

Endemic: Y	Global Rank: G2	State Rank: S2
No accepted common name	<i>Macrotera parkeri</i>	
Habitat description is not available at this time.		
Federal Status:	State Status:	SGCN: Y
Endemic:	Global Rank: GNR	State Rank: SNR
No accepted common name	<i>Bombus variabilis</i>	
Habitat description is not available at this time.		
Federal Status:	State Status:	SGCN: Y
Endemic:	Global Rank: G1G2	State Rank: SNR
No accepted common name	<i>Andrena scotoptera</i>	
Habitat description is not available at this time.		
Federal Status:	State Status:	SGCN: Y
Endemic:	Global Rank: GNR	State Rank: SNR
Tooth Cave ground beetle	<i>Rhadine persephone</i>	
Resident, small, cave-adapted beetle found in small Edwards Limestone caves in Travis and Williamson counties		
Federal Status: LE	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1G2	State Rank: S1

MAMMALS

Aransas short-tailed shrew	<i>Blarina hylophaga plumbea</i>	
Excavates burrows in sandy soils underlying mottes of live oak trees or in areas with little to no ground cover.		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G5T1Q	State Rank: S1
big brown bat	<i>Eptesicus fuscus</i>	
Any wooded areas or woodlands except south Texas. Riparian areas in west Texas.		
Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S5

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TRAVIS COUNTY

MAMMALS

big free-tailed bat

Nyctinomops macrotis

Habitat data sparse but records indicate that species prefers to roost in crevices and cracks in high canyon walls, but will use buildings, as well; reproduction data sparse, gives birth to single offspring late June-early July; females gather in nursery colonies; winter habits undetermined, but may hibernate in the Trans-Pecos; opportunistic insectivore

Federal Status:	State Status:	SGCN: Y
Endemic:	Global Rank: G5	State Rank: S3

cave myotis bat

Myotis velifer

Colonial and cave-dwelling; also roosts in rock crevices, old buildings, carports, under bridges, and even in abandoned Cliff Swallow (*Hirundo pyrrhonota*) nests; roosts in clusters of up to thousands of individuals; hibernates in limestone caves of Edwards Plateau and gypsum cave of Panhandle during winter; opportunistic insectivore.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G4G5	State Rank: S4

eastern spotted skunk

Spilogale putorius

Generalist; open fields prairies, croplands, fence rows, farmyards, forest edges & woodlands. Prefer wooded, brushy areas & tallgrass prairies. S.p. ssp. *interrupta* found in wooded areas and tallgrass prairies, preferring rocky canyons and outcrops when such sites are available.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G4	State Rank: S1S3

long-tailed weasel

Mustela frenata

Includes brushlands, fence rows, upland woods and bottomland hardwoods, forest edges & rocky desert scrub. Usually live close to water.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S5

mountain lion

Puma concolor

Generalist; found in a wide range of habitats statewide. Found most frequently in rugged mountains & riparian zones.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S2S3

swamp rabbit

Sylvilagus aquaticus

Primarily found in lowland areas near water including: cypress bogs and marshes, floodplains, creeks and rivers.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S5

tricolored bat

Perimyotis subflavus

Forest, woodland and riparian areas are important. Caves are very important to this species.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G2G3	State Rank: S3S4

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TRAVIS COUNTY

MAMMALS

western hog-nosed skunk *Conepatus leuconotus*

Habitats include woodlands, grasslands & deserts, to 7200 feet, most common in rugged, rocky canyon country; little is known about the habitat of the ssp. *telmalestes*

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S4

woodland vole *Microtus pinetorum*

Include grassy marshes, swamp edges, old-field/pine woodland ecotones, tallgrass fields; generally sandy soils.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S3

MOLLUSKS

No accepted common name *Stygopyrgus bartonensis*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1 State Rank: S1

No accepted common name *Patera leatherwoodi*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Global Rank: G1 State Rank: S1

No accepted common name *Millerelix gracilis*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Global Rank: G2G3 State Rank: S2?

No accepted common name *Phreatodrobia punctata*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2 State Rank: S1

Texas Fatmucket *Lampsilis bracteata*

Reported to occur in slow to moderate current in sand, mud, and gravel substrates among large cobble, boulders, bedrock ledges, horizontal cracks in bedrock slabs, and macrophyte beds. Has also been observed inhabiting the roots of cypress trees and vegetation along steep banks. Past authorities have reported this species intolerant of reservoir conditions but recent surveys suggest it may persist in some impoundment conditions (Howells 2010c; Randklev et al. 2017b). [Mussel of Texas 2019]

Federal Status: C State Status: T SGCN: Y
Endemic: Y Global Rank: G1 State Rank: S1

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TRAVIS COUNTY

MOLLUSKS

Texas Pimpleback *Cyclonaias petrina*

Occurs in medium-size streams to large rivers primarily in riffles and runs. Often found in substrates composed of sand, gravel, and cobble, including mud-silt or gravel-filled cracks in bedrock slabs. Considered intolerant of reservoirs (Howells 2010m; Randklev et al. 2017b). [Mussels of Texas 2019]

Federal Status: C	State Status: T	SGCN: Y
Endemic: Y	Global Rank: G1	State Rank: S1

REPTILES

eastern box turtle *Terrapene carolina*

Terrestrial: Eastern box turtles inhabit forests, fields, forest-brush, and forest-field ecotones. In some areas they move seasonally from fields in spring to forest in summer. They commonly enters pools of shallow water in summer. For shelter, they burrow into loose soil, debris, mud, old stump holes, or under leaf litter. They can successfully hibernate in sites that may experience subfreezing temperatures.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S3

plateau spot-tailed earless lizard *Holbrookia lacerata*

Terrestrial: Habitats include moderately open prairie-brushland regions, particularly fairly flat areas free of vegetation or other obstructions (e.g., open meadows, old and new fields, graded roadways, cleared and disturbed areas, prairie savanna, and active agriculture including row crops); also, oak-juniper woodlands and mesquite-prickly pear associations (Axtell 1968, Bartlett and Bartlett 1999).

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: GNR	State Rank: S2

slender glass lizard *Ophisaurus attenuatus*

Terrestrial: Habitats include open grassland, prairie, woodland edge, open woodland, oak savannas, longleaf pine flatwoods, scrubby areas, fallow fields, and areas near streams and ponds, often in habitats with sandy soil.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S3

Texas garter snake *Thamnophis sirtalis annectens*

Terrestrial and aquatic: Habitats used include the grasslands and modified open areas in the vicinity of aquatic features, such as ponds, streams or marshes. Damp soils and debris for cover are thought to be critical.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G5T4	State Rank: S1

Texas horned lizard *Phrynosoma cornutum*

Terrestrial: Open habitats with sparse vegetation, including grass, prairie, cactus, scattered brush or scrubby trees; soil may vary in texture from sandy to rocky; burrows into soil, enters rodent burrows, or hides under rock when inactive. Occurs to 6000 feet, but largely limited below the pinyon-juniper zone on mountains in the Big Bend area.

Federal Status:	State Status: T	SGCN: Y
Endemic: N	Global Rank: G4G5	State Rank: S3

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TRAVIS COUNTY

REPTILES

Texas map turtle *Graptemys versa*

Aquatic: Primarily a river turtle but can also be found in reservoirs. Can be found in deep and shallow water with sufficient basking sites (emergent rocks and woody debris).

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G4	State Rank: SU

western box turtle *Terrapene ornata*

Terrestrial: Ornate or western box turtles inhabit prairie grassland, pasture, fields, sandhills, and open woodland. They are essentially terrestrial but sometimes enter slow, shallow streams and creek pools. For shelter, they burrow into soil (e.g., under plants such as yucca) (Converse et al. 2002) or enter burrows made by other species.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S3

PLANTS

arrowleaf milkvine *Matelea sagittifolia*

Most consistently encountered in thornscrub in South Texas; Perennial; Flowering March-July; Fruiting April-July and Dec?

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3	State Rank: S3

basin bellflower *Campanula reverchonii*

Among scattered vegetation on loose gravel, gravelly sand, and rock outcrops on open slopes with exposures of igneous and metamorphic rocks; may also occur on sandbars and other alluvial deposits along major rivers; flowering May-July

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G2	State Rank: S2

bracted twistflower *Streptanthus bracteatus*

Shallow, well-drained gravelly clays and clay loams over limestone in oak juniper woodlands and associated openings, on steep to moderate slopes and in canyon bottoms; several known soils include Tarrant, Brackett, or Speck over Edwards, Glen Rose, and Walnut geologic formations; populations fluctuate widely from year to year, depending on winter rainfall; flowering mid April-late May, fruit matures and foliage withers by early summer

Federal Status: C	State Status:	SGCN: Y
Endemic: Y	Global Rank: G1	State Rank: S1

Buckley tridens *Tridens buckleyanus*

Occurs in juniper-oak woodlands on rocky limestone slopes; Perennial; Flowering/Fruiting April-Nov

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4

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TRAVIS COUNTY

PLANTS

canyon bean *Phaseolus texensis*

Narrowly endemic to rocky canyons in eastern and southern Edwards Plateau occurring on limestone soils in mixed woodlands, on limestone cliffs and outcrops, frequently along creeks.

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G2	State Rank: S2

canyon mock-orange *Philadelphus texensis var. ernestii*

Usually found growing from honeycomb pits on outcrops of Cretaceous limestone exposed as rimrock along mesic canyons, usually in the shade of mixed evergreen-deciduous canyon woodland; flowering April-June, fruit dehiscing September-October

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3T3	State Rank: S3

canyon sedge *Carex edwardsiana*

Dry-mesic deciduous and deciduous-juniper woodlands in canyons and ravines, usually in clay loams very high in calcium on rocky banks and slopes just above streams and stream beds. *Carex edwardsiana* usually grows near *C. planostachys*. Fruiting spring (Ball, Reznicek, and 2003).

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4

Correll's false dragon-head *Physostegia correllii*

Wet, silty clay loams on streambanks, in creek beds, irrigation channels and roadside drainage ditches; or seepy, mucky, sometimes gravelly soils along riverbanks or small islands in the Rio Grande; or underlain by Austin Chalk limestone along gently flowing spring-fed creek in central Texas; flowering May-September

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G2	State Rank: S2

Engelmann's bladderpod *Physaria engelmannii*

Grasslands and calcareous rock outcrops in a band along the eastern edge of the Edwards Plateau, ranging as far north as the Red River (Carr 2015).

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G4	State Rank: S3

glandular gay-feather *Liatris glandulosa*

Occurs in herbaceous vegetation on limestone outcrops (Carr 2015)

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S2

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TRAVIS COUNTY

PLANTS

Glass Mountains coral-root *Hexalectris nitida*

Apparently rare in mixed woodlands in canyons in the mountains of the Brewster County, but encountered with regularity, albeit in small numbers, under *Juniperus ashei* in woodlands over limestone on the Edwards Plateau, Callahan Divide and Lampasas Cutplain; Perennial; Flowering June-Sept; Fruiting July-Sept

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3	State Rank: S3

gravelbar brickellbush *Brickellia dentata*

Essentially restricted to frequently-scoured gravelly alluvial beds in creek and river bottoms; Perennial; Flowering June-Nov; Fruiting June-Oct

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4

Greenman's bluet *Houstonia parviflora*

Grass pastures. Feb- Apr. (Correll and Johnston 1970).

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

Heller's marbleseed *Onosmodium helleri*

Occurs in loamy calcareous soils in oak-juniper woodlands on rocky limestone slopes, often in more mesic portions of canyons; Perennial; Flowering March-May

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

low spurge *Euphorbia peplidion*

Occurs in a variety of vernal-moist situations in a number of natural regions; Annual; Flowering Feb-April; Fruiting March-April

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

narrowleaf brickellbush *Brickellia eupatorioides var. gracillima*

Moist to dry gravelly alluvial soils along riverbanks but also on limestone slopes; Perennial; Flowering/Fruiting April-Nov

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G5T3	State Rank: S3

net-leaf bundleflower *Desmanthus reticulatus*

Mostly on clay prairies of the coastal plain of central and south Texas; Perennial; Flowering April-July; Fruiting April-Oct

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

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TRAVIS COUNTY

PLANTS

Plateau loosestrife	<i>Lythrum ovalifolium</i>	
Banks and gravelly beds of perennial (or strong intermittent) streams on the Edwards Plateau, Llano Uplift and Lampasas Cutplain; Perennial; Flowering/Fruiting April-Nov		
Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3G4	State Rank: S3S4
plateau milkvine	<i>Matelea edwardsensis</i>	
Occurs in various types of juniper-oak and oak-juniper woodlands; Perennial; Flowering March-Oct; Fruiting May-June		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3
rock grape	<i>Vitis rupestris</i>	
Occurs on rocky limestone slopes and in streambeds; Perennial; Flowering March-May; Fruiting May-July		
Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3	State Rank: S1
scarlet leather-flower	<i>Clematis texensis</i>	
Usually in oak-juniper woodlands in mesic rocky limestone canyons or along perennial streams; Perennial; Flowering March-July; Fruiting May-July		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4
spreading lestdaisy	<i>Chaetopappa effusa</i>	
Limestone cliffs, ledges, bluffs, steep hillsides, sometimes in seepy areas, oak-juniper, oak, or mixed deciduous woods, 300-500 m elevation; Perennial; Flowering (May) July-Oct		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4
Stanfield's beebalm	<i>Monarda stanfieldii</i>	
Largely confined to granite sands along the middle course of the Colorado River and its tributaries; Perennial		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3
sycamore-leaf snowbell	<i>Styrax platanifolius ssp. platanifolius</i>	
Rare throughout range, usually in oak-juniper woodlands on steep rocky banks and ledges along intermittent or perennial streams, rarely far from some reliable source of moisture; Perennial; Flowering April-May; Fruiting May-Aug.		
Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3T3	State Rank: S3
Texabama croton	<i>Croton alabamensis var. texensis</i>	

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TRAVIS COUNTY

PLANTS

In duff-covered loamy clay soils on rocky slopes in forested, mesic limestone canyons; locally abundant on deeper soils on small terraces in canyon bottoms, often forming large colonies and dominating the shrub layer; scattered individuals are occasionally on sunny margins of such forests; also found in contrasting habitat of deep, friable soils of limestone uplands, mostly in the shade of evergreen woodland mottes; flowering late February-March; fruit maturing and dehiscing by early June

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3T2	State Rank: S2

Texas almond *Prunus minutiflora*

Wide-ranging but scarce, in a variety of grassland and shrubland situations, mostly on calcareous soils underlain by limestone but occasionally in sandier neutral soils underlain by granite; Perennial; Flowering Feb-May and Oct; Fruiting Feb-Sept

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3G4	State Rank: S3S4

Texas amorphia *Amorpha roemeriana*

Juniper-oak woodlands or shrublands on rocky limestone slopes, sometimes on dry shelves above creeks; Perennial; Flowering May-June; Fruiting June-Oct

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3	State Rank: S3

Texas barberry *Berberis swaseyi*

Shallow calcareous stony clay of upland grasslands/shrublands over limestone as well as in loamier soils in openly wooded canyons and on creek terraces; Perennial; Flowering/Fruiting March-June

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

Texas fescue *Festuca versuta*

Occurs in mesic woodlands on limestone-derived soils on stream terraces and canyon slopes; Perennial; Flowering/Fruiting April-June

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G3	State Rank: S3

Texas milk vetch *Astragalus reflexus*

Grasslands, prairies, and roadsides on calcareous and clay substrates; Annual; Flowering Feb-June; Fruiting April-June

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

Texas seymeria *Seymeria texana*

Found primarily in grassy openings in juniper-oak woodlands on dry rocky slopes but sometimes on rock outcrops in shaded canyons; Annual; Flowering May-Nov; Fruiting July-Nov

Federal Status:	State Status:	SGCN: Y
Endemic: Y	Global Rank: G3	State Rank: S3

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TRAVIS COUNTY

PLANTS

tree dodder

Cuscuta exaltata

Parasitic on various *Quercus*, *Juglans*, *Rhus*, *Vitis*, *Ulmus*, and *Diospyros* species as well as *Acacia berlandieri* and other woody plants; Annual; Flowering May-Oct; Fruiting July-Oct

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G3

State Rank: S3

turnip-root scurfpea

Pediomelum cyphocalyx

Grasslands and openings in juniper-oak woodlands on limestone substrates on the Edwards Plateau and in north-central Texas (Carr 2015).

Federal Status:

State Status:

SGCN: Y

Endemic: Y

Global Rank: G3G4

State Rank: S2S3

Warnock's coral-root

Hexalectris warnockii

In leaf litter and humus in oak-juniper woodlands on shaded slopes and intermittent, rocky creekbeds in canyons; in the Trans Pecos in oak-pinyon-juniper woodlands in higher mesic canyons (to 2000 m [6550 ft]), primarily on igneous substrates; in Terrell County under *Quercus fusiformis* mottes on terraces of spring-fed perennial streams, draining an otherwise rather xeric limestone landscape; on the Callahan Divide (Taylor County), the White Rock Escarpment (Dallas County), and the Edwards Plateau in oak-juniper woodlands on limestone slopes; in Gillespie County on igneous substrates of the Llano Uplift; flowering June-September; individual plants do not usually bloom in successive years

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G2G3

State Rank: S2

Wright's milkvetch

Astragalus wrightii

On sandy or gravelly soils; April (Diggs et al. 1999).

Federal Status:

State Status:

SGCN: Y

Endemic: Y

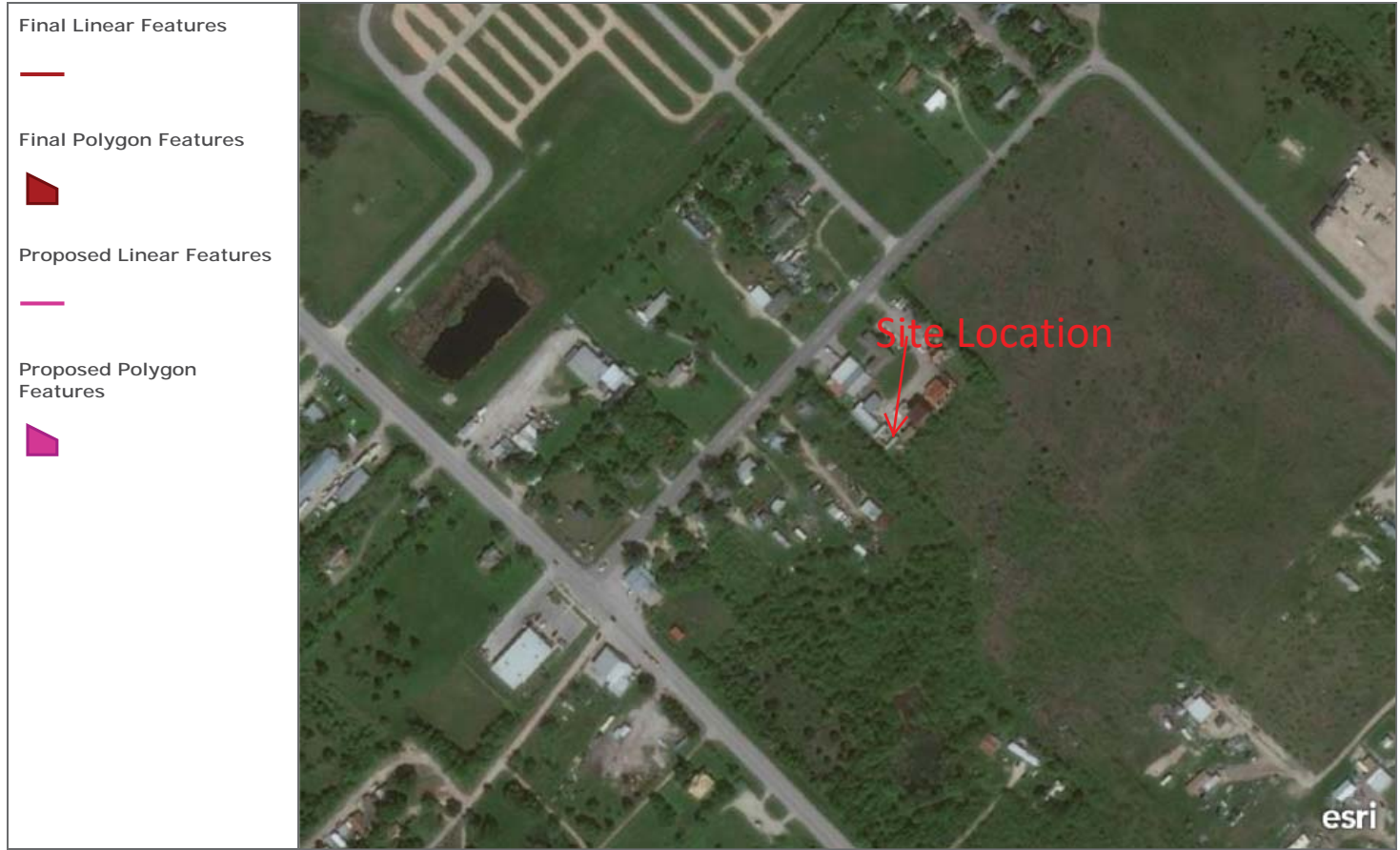
Global Rank: G3

State Rank: S3

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Critical Habitat for Threatened & Endangered Species [USFWS]



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

300ft

U.S. Fish and Wildlife Service | The data found in this file were developed by the U.S. Fish & Wildlife Service field offices. For more information please refer to the species level metadata found with the individual shapefiles. The ECOS Joint Development Team is responsible for creating and serving this conglomerate file. No data alterations are made by ECOS. | Maxar



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Explosive and Flammable Hazards (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities>

1. Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

No

→ Continue to Question 2.

Yes

Explain:

[Click here to enter text.](#)

→ Go directly to Question 5.

2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Please see site summary below.

Yes → Continue to Question 3.

3. Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are NOT covered under the regulation include:

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 or later version of National Fire Protection Association (NFPA) Code 58.

If all containers within the search area fit the above criteria, answer “no.” For any other type of aboveground storage container within the search area that holds one of the flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer “yes.”

No

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.

Yes

→ Continue to Question 4.

4. Visit HUD's website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the [electronic assessment tool](#). To document this step in the analysis, please attach the following supporting documents to this screen:

- Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and
- Electronic assessment tool calculation of the required separation distance.

Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?

Yes

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

No

→ Go directly to Question 6.

5. Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?

Please visit HUD's website for information on calculating Acceptable Separation Distance.

Yes

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

No

→ Continue to Question 6.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Mitigation measures may include both natural and manmade barriers, modification of the project design, burial or removal of the hazard, or other engineered solutions. Describe selected mitigation measures, including the timeline for implementation, and attach an implementation plan. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

[Click here to enter text.](#)

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates

- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project does not involve the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries), however an above ground 499 gallon diesel storage tank is proposed to facilitate back up power should a power outage be experienced. The addition of the tower and subsequent emergency generator will not increase congregation at the training buildings therefore ASD calculations are not required. The back-up power solution is needed to ensure emergency communications are uninterrupted during power outages. The diesel storage tank will be elevated at least 3 feet above the nearest base flood elevation as this component is part of a critical action. The nearest estimated base flood elevation is 554 feet the subject property has an elevation of 597 feet.



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Farmlands Protection (CEST and EA) - PARTNER

<https://www.hudexchange.info/environmental-review/farmlands-protection>

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

Yes → Continue to Question 2.

No

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Does “important farmland,” including prime farmland, unique farmland, or farmland of statewide or local importance regulated under the Farmland Protection Policy Act, occur on the project site?

You may use the links below to determine important farmland occurs on the project site:

- Utilize USDA Natural Resources Conservation Service’s (NRCS) Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>
- Check with your city or county’s planning department and ask them to document if the project is on land regulated by the FPPA (zoning important farmland as non-agricultural does not exempt it from FPPA requirements)
- Contact NRCS at the local USDA service center <http://offices.sc.egov.usda.gov/locator/app?agency=nrcs> or your NRCS state soil scientist https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951 for assistance

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Yes → Continue to Question 3.

3. Consider alternatives to completing the project on important farmland and means of avoiding impacts to important farmland.

- Complete form [AD-1006, “Farmland Conversion Impact Rating”](#) and contact the state soil scientist before sending it to the local NRCS District Conservationist.
- Work with NRCS to minimize the impact of the project on the protected farmland. When you have finished with your analysis, return a copy of form AD-1006 to the USDA-NRCS State Soil Scientist or his/her designee informing them of your determination.

Work with the RE/HUD to determine how the project will proceed. Document the conclusion:

Project will proceed with mitigation.

Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Click here to enter text.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

Project will proceed without mitigation.

Explain why mitigation will not be made here:

Click here to enter text.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

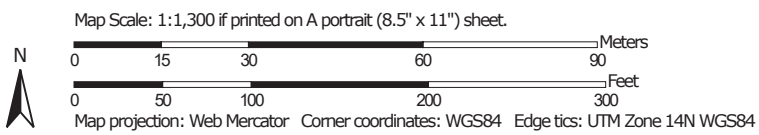
Include all documentation supporting your findings in your submission to HUD.

The proposed site location does not impact agricultural land.

Soil Map—Travis County, Texas



Soil Map may not be valid at this scale.



MAP LEGEND

- Area of Interest (AOI)
- Area of Interest (AOI)
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points
- Special Point Features**
 - Blowout
 - Borrow Pit
 - Clay Spot
 - Closed Depression
 - Gravel Pit
 - Gravelly Spot
 - Landfill
 - Lava Flow
 - Marsh or swamp
 - Mine or Quarry
 - Miscellaneous Water
 - Perennial Water
 - Rock Outcrop
 - Saline Spot
 - Sandy Spot
 - Severely Eroded Spot
 - Sinkhole
 - Slide or Slip
 - Sodic Spot
- Water Features**
 - Streams and Canals
- Transportation**
 - Rails
 - Interstate Highways
 - US Routes
 - Major Roads
 - Local Roads
- Background**
 - Aerial Photography
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Travis County, Texas
 Survey Area Data: Version 22, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 27, 2018—Nov 20, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BtB	Burleson gravelly clay, 1 to 3 percent slopes	4.1	100.0%
Totals for Area of Interest		4.1	100.0%

Travis County, Texas

BtB—Burleson gravelly clay, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2ssgb

Elevation: 300 to 800 feet

Mean annual precipitation: 32 to 45 inches

Mean annual air temperature: 63 to 70 degrees F

Frost-free period: 220 to 270 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Burleson and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Burleson

Setting

Landform: Stream terraces, stream terraces

Landform position (three-dimensional): Tread

Microfeatures of landform position: Circular gilgai, circular gilgai

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Calcareous clayey alluvium of pleistocene age derived from mixed sources

Typical profile

Ap - 0 to 16 inches: gravelly clay

Bss - 16 to 42 inches: clay

Ck - 42 to 60 inches: clay

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water capacity: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: D
Ecological site: R086AY011TX - Southern Blackland
Hydric soil rating: No

Minor Components

Branyon

Percent of map unit: 10 percent
Landform: Stream terraces
Landform position (three-dimensional): Tread
Microfeatures of landform position: Circular gilgai
Down-slope shape: Linear
Across-slope shape: Convex
Ecological site: R086AY011TX - Southern Blackland
Hydric soil rating: No

Data Source Information

Soil Survey Area: Travis County, Texas
Survey Area Data: Version 22, Jun 11, 2020



This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Floodplain Management (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/floodplain-management>

1. Does [24 CFR 55.12\(c\)](#) exempt this project from compliance with HUD’s floodplain management regulations in Part 55?

Yes

Provide the applicable citation at [24 CFR 55.12\(c\)](#) here. If project is exempt under [55.12\(c\)\(6\)](#) or [\(8\)](#), provide supporting documentation.

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Continue to the Worksheet Summary.

No → Continue to Question 2.

2. Provide a FEMA/FIRM map showing the site.

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs).

Does your project occur in a floodplain?

No → Continue to the Worksheet Summary below.

Yes

Select the applicable floodplain using the FEMA map or the best available information:

Floodway → Continue to Question 3, Floodways

Coastal High Hazard Area (V Zone) → Continue to Question 4, Coastal High Hazard Areas

500-year floodplain (B Zone or shaded X Zone) → Continue to Question 5, 500-year Floodplains

100-year floodplain (A Zone) → The 8-Step Process is required. Continue to Question 6, 8-Step Process

3. **Floodways**

Is this a functionally dependent use?

Yes

The 8-Step Process is required. Work with HUD or the RE to assist with the 8-Step Process.
→ *Continue to Worksheet Summary.*

- No → *Federal assistance may not be used at this location unless an exception in 55.12(c) applies. You must either choose an alternate site or cancel the project.*

4. Coastal High Hazard Area

Is this a critical action such as a hospital, nursing home, fire station, or police station?

- Yes → *Critical actions are prohibited in coastal high hazard areas unless an exception in 55.12(c) applies. You must either choose an alternate site or cancel the project.*

- No

Does this action include new construction that is not a functionally dependent use, existing construction (including improvements), or reconstruction following destruction caused by a disaster?

- Yes, there is new construction of something that is not a functionally dependent use.
New construction must be designed to FEMA standards for V Zones at 44 CFR 60.3(e) (24 CFR 55.1(c)(3)(i)).

→ *Continue to Question 6, 8-Step Process*

- No, this action concerns only existing construction.

Existing construction must have met FEMA elevation and construction standards for a coastal high hazard area or other standards applicable at the time of construction.

→ *Continue to Question 6, 8-Step Process*

5. 500-year Floodplain

Is this a critical action?

- No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

- Yes → *Continue to Question 6, 8-Step Process*

6. 8-Step Process.

Is this 8-Step Process required? Select one of the following options:

- 8-Step Process applies.

This project will require mitigation and may require elevating structure or structures. See the link to the HUD Exchange above for information on HUD's elevation requirements.

→ *Work with the RE/HUD to assist with the 8-Step Process. Continue to Worksheet Summary.*

- 5-Step Process is applicable per 55.12(a)(1-3).

Provide the applicable citation at 24 CFR 55.12(a) here.

[Click here to enter text.](#)

→ *Work with the RE/HUD to assist with the 5-Step Process. Continue to Worksheet Summary.*

- 8-Step Process is inapplicable per 55.12(b)(1-4).

Provide the applicable citation at 24 CFR 55.12(b) here.

[Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Per FEMA panel number 48453C0710J, effective on 01/06/2016 the proposed site is located in Zone X (Area Of Minimal Flood Hazard). The nearest flood zone (Zone A) is approximately 1100' to the south of the subject property. The entirety of the subject site is located in Zone X. The subject property shows a ground elevation of approximately 597'. Due to the topographic gradient and significant elevation change between the Zone A location and the subject property the subject site has little potential to be effected by flooding. As Zone A flood plains do not have a base flood elevation (BFE) determined GPD Group used the Estimated Base Flood Elevation (estBFE) tool available through FEMA. Based on the estBFE tool the nearest .2 percent (500 year) base flood elevation to the subject property is 554'. As the subject property shows an elevation of 597' any equipment installed will sufficiently be above the estimated BFE. The FEMA estBFE report is attached for review.

National Flood Hazard Layer FIRMette

97°38'18"W 30°7'33"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs *Zone D*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

CROSS SECTIONS WITH 1% ANNUAL CHANCE WATER SURFACE ELEVATION

- 20.2
- 17.5
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **7/27/2020 at 2:32 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

USGS The National Map: Orthoimagery. Data refreshed April 2020

97°37'40"W 30°7'2"N

0 250 500 1,000 1,500 2,000 1:6,000

Feet

Zone A

Zone X

City of Austin
48-0624

Travis County
48-1026

48453 CD620 K
eff. 1/22/2020

AREA OF MINIMAL FLOOD HAZARD

48453 CD710J
eff. 1/6/2016

Zone X

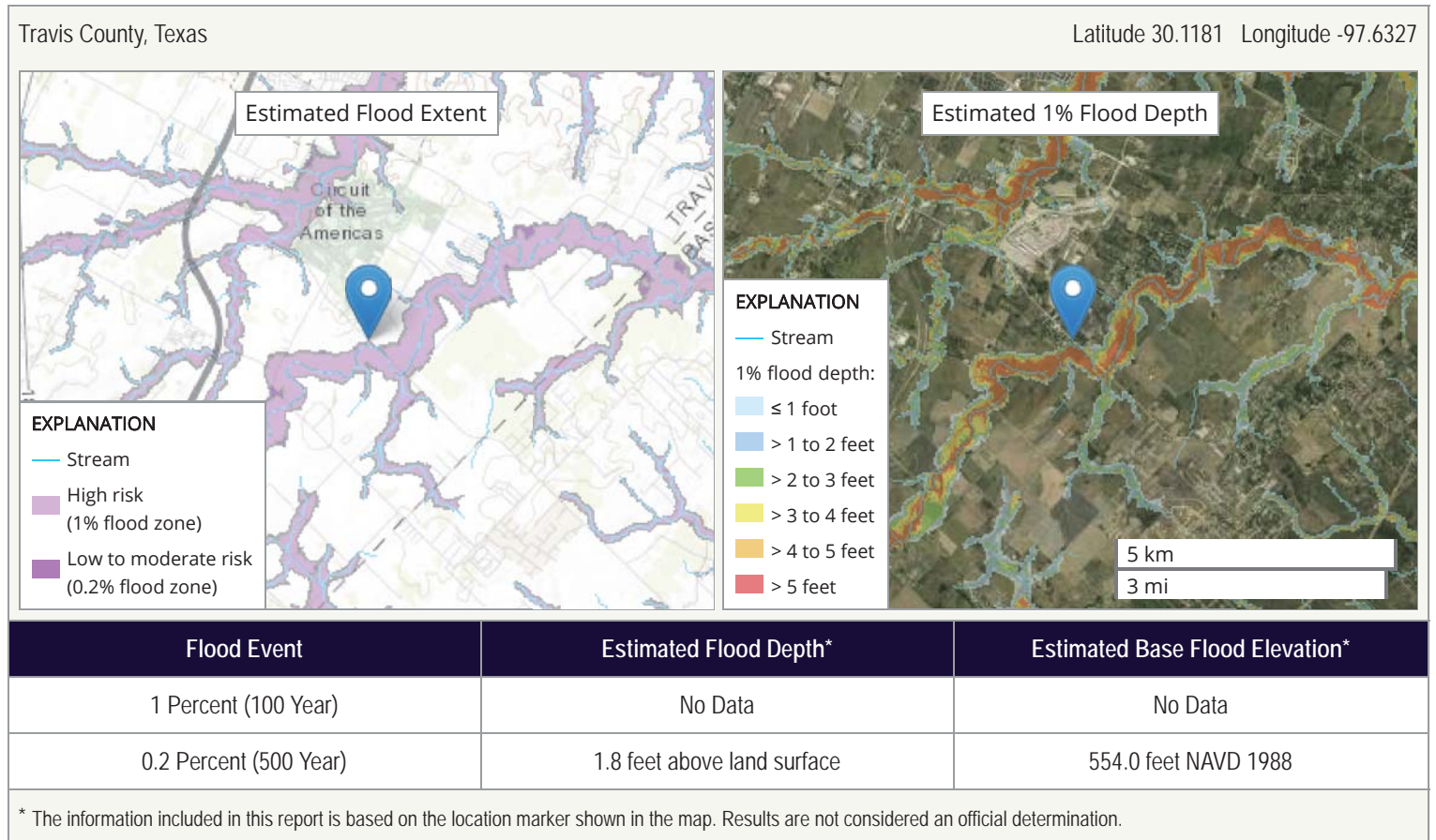
Zone A

USGS The National Map: Orthoimagery. Data refreshed April 2020

97°37'40"W 30°7'2"N

Flood Risk Information Report

FEMA is providing a look at flood data availability and relative Base Level Engineering analysis through the Estimated Base Flood Elevation Viewer (Estimated BFE Viewer). Base Level Engineering uses high resolution ground elevation data, flood flow calculations, and fundamental engineering modeling techniques to define flood extents for streams. The viewer is an effective tool for property owners, community officials, and land developers to identify flood risk, estimated flood elevations, and flood depths for watersheds where Base Level Engineering has been prepared.

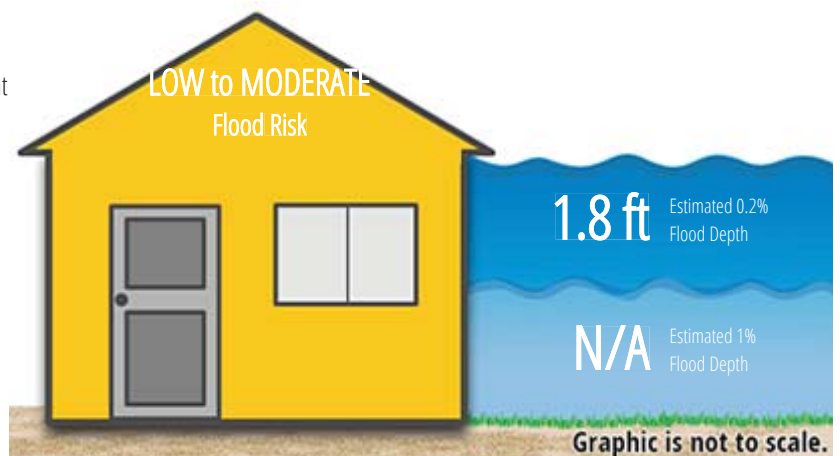


Information made available from the Estimated BFE Viewer needs to be accepted by local community officials to be used for insurance rating purposes.

Knowing Your Risk

Base Level Engineering data availability and analysis information is important because it can be used to:

- Inform floodplain management decisions and ordinance administration;
- Identify significant floodplain changes;
- Serve as base modeling for map revisions; and
- Support the Zone A BFE information for a Letter of Map Amendment (LOMA) request.



Using This Data

Consult the local floodplain manager and building department in your community before making any building or land modifications. Local officials may use this information to regulate development near flooding sources to create more flood-resilient communities. Local building and permitting requirements vary by community and are based on local decisions and ordinances.

Everyone is at risk. The chances of experiencing a flood can vary due to unevaluated conditions, such as the unstudied effects of community growth and development or intense storms uncharacteristic to historical trends. Maintaining or obtaining a flood insurance policy is essential to ensure a property owner is covered if a flood occurs. Visit <http://FloodSmart.gov> for more information on the costs of flooding and to locate an insurance agent in your area.

Base Level Engineering and the Estimated BFE Viewer tool help identify the BFE in effective Zone As. If a property owner believes that a structure is above or outside of the base flood extent in an effective Zone A, a LOMA request may be submitted and the flood risk report from the Estimated BFE Viewer should be included. To complete an application, use the online web-based tool or download the paper forms (<https://www.fema.gov/letter-map-changes>). Items needed to apply include the following:

- Copy of a **plat map** that identifies the property and includes the locality's recording information
OR
Copy of the **property deed** with both locality's recording information and the property's written legal description **and a parcel or tax map** identifying the location.
- **Elevation information** indicating the lowest adjacent grade to the building certified by a licensed land surveyor or registered professional engineer, except for buildings **clearly** shown outside the SFHA. If built recently, building permit files may contain this information. Note the professional may use the estimated BFE (estBFE) results for the BFE value on the elevation form or certificate.
- The **Estimated BFE flood risk information report** relative to the property indicating the estimated flood level and model.
- A **letter of acceptance and support from your local floodplain administrator** for the Estimated BFE information included in your report.

Please note other types of development may require additional documentation and possibly an application fee. A LOMA may result in removal of the SFHA designation and the Federal requirement for flood insurance. However, maintaining a flood policy may still be required by the lender. Flood insurance coverage to repair damage caused by flooding is available for areas outside the SFHA.

Taking Action

Floods can happen anywhere at any time, which is why it is important to be prepared and to take steps before a flood event to protect your property from costly damage. Mitigation measures to consider include the following:

- **Elevating.** Elevating the lowest floor of new or existing buildings above the BFE reduces risk and may lower flood insurance premiums.
- **Interior Modification.** Raising the equipment servicing the building or infilling basements susceptible to flooding.
- **Dry Floodproofing.** Sealing your structure to prevent floodwaters from entering. Residential property insurance is not reduced if dry floodproofing is used. Only commercial properties receive reduced flood insurance when dry floodproofing is used.
- **Wet Floodproofing and Flood Vents.** Making portion of a building more resistant to flood damage or, in some cases, allowing water to enter during a flood to prevent damages by equalizing pressure on walls and foundations.

Deciding on the right method to mitigate future damage and loss requires an assessment of various factors: the hazards to your home, permit requirements, the technical limitations of the methods, and cost.

Discuss the potential mitigation options with your local floodplain administrator and building department to determine the next appropriate steps.



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Historic Preservation (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/historic-preservation>

Threshold

Is Section 106 review required for your project?

- No, because a Programmatic Agreement states that all activities included in this project are exempt. (See the [PA Database](#) to find applicable PAs.)

Either provide the PA itself or a link to it here. Mark the applicable exemptions or include the text here:

[Click here to enter text.](#)

→ *Continue to the Worksheet Summary.*

- No, because the project consists solely of activities included in a No Potential to Cause Effects memo or other determination [36 CFR 800.3(a)(1)].

Either provide the memo itself or a link to it here. Explain and justify the other determination here:

[Click here to enter text.](#)

→ *Continue to the Worksheet Summary.*

- Yes, because the project includes activities with potential to cause effects (direct or indirect). → *Continue to Step 1.*

The Section 106 Process

After determining the need to do a Section 106 review, HUD or the RE will initiate consultation with regulatory and other interested parties, identify and evaluate historic properties, assess effects of the project on properties listed on or eligible for the National Register of Historic Places, and resolve any adverse effects through project design modifications or mitigation.

Step 1: Initiate consultation

Step 2: Identify and evaluate historic properties

Step 3: Assess effects of the project on historic properties

Step 4: Resolve any adverse effects

Only RE or HUD staff may initiate the Section 106 consultation process. Partner entities may gather information, including from SHPO records, identify and evaluate historic properties, and make initial assessments of effects of the project on properties listed in or eligible for the National Register of Historic Place. Partners should then provide their RE or HUD with all of their analysis and documentation so that they may initiate consultation.

Step 1 - Initiate Consultation

The following parties are entitled to participate in Section 106 reviews: Advisory Council on Historic Preservation; State Historic Preservation Officers (SHPOs); federally recognized Indian tribes/Tribal Historic Preservation Officers (THPOs); Native Hawaiian Organizations (NHOs); local governments; and project grantees. The general public and individuals and organizations with a demonstrated interest in a project may participate as consulting parties at the discretion of the RE or HUD official. Participation varies with the nature and scope of a project. Refer to HUD's website for guidance on consultation, including the required timeframes for response. Consultation should begin early to enable full consideration of preservation options.

Use the [When To Consult With Tribes checklist](#) within [Notice CPD-12-006: Process for Tribal Consultation](#) to determine if the RE or HUD should invite tribes to consult on a particular project. Use the [Tribal Directory Assessment Tool \(TDAT\)](#) to identify tribes that may have an interest in the area where the project is located. Note that only HUD or the RE may initiate consultation with Tribes. Partner entities may prepare a draft letter for the RE or HUD to use to initiate consultation with tribes, but may not send the letter themselves.

List all organizations and individuals that you believe may have an interest in the project here:

Texas Historical Commission (THC); Comanche Nation of Oklahoma; Coshatta Tribe of Louisiana;
Tonkawa Tribe of Indians of Oklahoma; Alabama-Coushatta Tribe of Texas; Apache Tribe of Oklahoma; Wichita & Affiliated Tribes of Oklahoma.

→ Continue to Step 2.

Step 2 - Identify and Evaluate Historic Properties

Provide a preliminary definition of the Area of Potential Effect (APE), either by entering the address(es) or providing a map depicting the APE. Attach an additional page if necessary.

Above ground resources were evaluated for a ½ mile APE, no historic properties were found within the indirect APE. The APE for direct effects is defined as the area that would be directly impacted by construction and operating activities associated with the proposed undertaking. This area consists of approximately 10,940 square feet of a previously disturbed ground for the tower, access, and compound. THC provided concurrence of No Historic Properties in the Direct or Indirect APE on March 20, 2020

Gather information about known historic properties in the APE. Historic buildings, districts and archeological sites may have been identified in local, state, and national surveys and registers, local historic districts, municipal plans, town and county histories, and local history websites. If not already listed on the National Register of Historic Places, identified properties are then evaluated to see if they are eligible for the National Register. Refer to HUD's website for guidance on identifying and evaluating historic properties.

In the space below, list historic properties identified and evaluated in the APE.

Every historic property that may be affected by the project should be listed. For each historic property or district, include the National Register status, whether the SHPO has concurred with the finding, and whether information on the site is sensitive. Attach an additional page if necessary.

No historic properties were noted in the direct or indirect APE.

Provide the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination.

Was a survey of historic buildings and/or archeological sites done as part of the project?

If the APE contains previously unsurveyed buildings or structures over 50 years old, or there is a likely presence of previously unsurveyed archeological sites, a survey may be necessary. For Archeological surveys, refer to HP Fact Sheet #6, [Guidance on Archeological Investigations in HUD Projects](#).

Yes → Provide survey(s) and report(s) and continue to Step 3.

Additional notes:

[Click here to enter text.](#)

No → Continue to Step 3.

Step 3 - Assess Effects of the Project on Historic Properties

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. ([36 CFR 800.5](#)) Consider direct and indirect effects as applicable as per HUD guidance.

Choose one of the findings below to recommend to the RE or HUD.

*Please note: this is a recommendation only. It is **not** the official finding, which will be made by the RE or HUD, but only your suggestion as a Partner entity.*

No Historic Properties Affected

Document reason for finding:

No historic properties present.

Historic properties present, but project will have no effect upon them.

No Adverse Effect

Document reason for finding and provide any comments below.

Comments may include recommendations for mitigation, monitoring, a plan for unanticipated discoveries, etc.

[Click here to enter text.](#)

Adverse Effect

Document reason for finding:

Copy and paste applicable Criteria into text box with summary and justification.

Criteria of Adverse Effect: [36 CFR 800.5](#)]

[Click here to enter text.](#)

Provide any comments below:

Comments may include recommendations for avoidance, minimization, and/or mitigation.

See THC concurrence documentation.

Remember to provide all documentation that justifies your National Register Status determination and recommendations along with this worksheet.

Marshall, Nicole R

From: noreply@thc.state.tx.us
Sent: Friday, March 20, 2020 12:16 PM
To: Scott, Ann M; reviews@thc.state.tx.us
Subject: Project Review: 202008917



Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas
THC Tracking #202008917

Communication Tower Travis County, Del Valle Tower
9019 Elroy Road
Del Valle, TX 78617

Dear Ann M Scott:

Thank you for your submittal regarding the above-referenced project. This response represents the comments of the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission (THC), pursuant to review under Section 106 of the National Historic Preservation Act and the Antiquities Code of Texas.

The review staff led by Tiffany Osburn and Caitlin Brashear has completed its review and has made the following determinations based on the information submitted for review:

Above-Ground Resources

- No historic properties are present or affected by the project as proposed. However, if historic properties are discovered or unanticipated effects on historic properties are found, work should cease in the immediate area; work can continue where no historic properties are present. Please contact the THC's History Programs Division at 512-463-5853 to consult on further actions that may be necessary to protect historic properties.

Archeology Comments

- No historic properties present or affected. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers: tiffany.osburn@thc.texas.gov, caitlin.brashear@thc.texas.gov

This response has been sent through the electronic THC review and compliance system (eTRAC). Submitting your project via eTRAC eliminates mailing delays and allows you to check the status of the review, receive an electronic response, and generate reports on your submissions. For more information, visit <http://thc.texas.gov/etrac-system>.

Sincerely,



For Mark Wolfe, State Historic Preservation Officer

Executive Director, Texas Historical Commission

Please do not respond to this email.





Tribal Directory Assessment Information



Contact Information for Tribes with Interests in Travis County, Texas

	Tribal Name	County Name
+	Alabama-Coushatta Tribe of Texas	Travis
+	Apache Tribe of Oklahoma	Travis
+	Comanche Nation, Oklahoma	Travis
+	Coushatta Tribe of Louisiana	Travis
+	Tonkawa Tribe of Indians of Oklahoma	Travis
+	Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma	Travis

1 - 6 of 6 results

« < 1 > » 10 ▾



CITY OF AUSTIN

Comanche Nation of Oklahoma Tribal Consultation Letter FS1101

10/22/2020

Martina Minthorn, THPO & William Nelson, Chairman
Comanche Nation of Oklahoma
6 SW D Avenue
Lawton, OK 73502
martinac@comanchenation.com
williamn@comanchenation.com

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: THPO Minthorn and Chairman Nelson,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

City of Austin will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response.

Enclosed is a map that shows the project area and a historic resource review completed by Terracon. The project consists of the construction of an emergency radio communications self-support tower approximately 182 feet tall in Del Valle, Travis County, Texas. The total area of the potential ground disturbances is considered as the area of potential effect (APE). The total area of the APE is approximately 0.1 acre (see Exhibits 1 and 2). A new 182-foot self-support

the potential ground disturbances is considered as the area of potential effect (APE). The total area of the APE is approximately 0.1 acre (see Exhibits 1 and 2). A new 182-foot self-support tower will be constructed; the compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for the tribe's principal representative in the consultation. Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. Please send your reply to the following two email addresses: Oralia.huggins@austintexas.gov and FCCLicenses@austintexas.gov

Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



CITY OF AUSTIN

Coushatta Tribe of Louisiana Tribal Consultation Letter FS1101

10/22/2020

Linda Langley, THPO & David Sickey, Chairman
Coushatta Tribe of Louisiana
PO Box 10
Elton, LA 70532
llangley@mcneese.edu
dsickey@coushatta.org

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: THPO Langley and Chairman Sickey,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

City of Austin will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response.

Enclosed is a map that shows the project area and a historic resource review completed by Terracon. The project consists of the construction of an emergency radio communications self-support tower approximately 182 feet tall in Del Valle, Travis County, Texas. The total area of the potential ground disturbances is considered as the area of potential effect (APE). The total

area of the APE is approximately 0.1 acre (see Exhibits 1 and 2). A new 182-foot self-support tower will be constructed; the compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for the tribe's principal representative in the consultation. Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. Please send your reply to the following two email addresses: Oralia.huggins@austintexas.gov and FCCLicenses@austintexas.gov

Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



CITY OF AUSTIN

Tonkawa Tribe of Indians of Oklahoma Tribal Consultation Letter FS1101

10/22/2020

Lauren Norman-Brown, THPO & Russell Martin, President
Tonkawa Tribe of Indians of Oklahoma
1 Rush Buffalo Road
Tonkawa, Oklahoma 74653
jbrown@tonkawatribe.com
rmartin@tonkawatribe.com

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: THPO Norman-Brown and President Martin,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

City of Austin will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response.

Enclosed is a map that shows the project area and a historic resource review completed by Terracon. The project consists of the construction of an emergency radio communications self-support tower approximately 182 feet tall in Del Valle, Travis County, Texas. The total area of the potential ground disturbances is considered as the area of potential effect (APE). The total

tower will be constructed; the compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

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Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



CITY OF AUSTIN

Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma Tribal Consultation Letter FS1101

10/22/2020

Gary McAdams, THPO & Terri Parton, President
Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma
PO Box 729
Anadarko, Oklahoma 73005
Terri.Parton@wichitatribe.com
gary.mcadams@wichitatribe.com

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: THPO McAdams and President Parton,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

City of Austin will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response.

Enclosed is a map that shows the project area and a historic resource review completed by Terracon. The project consists of the construction of an emergency radio communications self-support tower approximately 182 feet tall in Del Valle, Travis County, Texas. The total area of

area of the APE is approximately 0.1 acre (see Exhibits 1 and 2). A new 182-foot self-support tower will be constructed; the compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

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Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



CITY OF AUSTIN

Alabama-Coushatta Tribe of Texas Tribal Consultation Letter FS1101

10/22/2020

Bryant Celestine, THPO & Nita Battise, Chairperson
Alabama-Coushatta Tribe of Texas
571 State Park Road 56
Livingston, TX 77351
Celestine.Bryant@actribe.org
tcnbattise@actribe.org

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: THPO Celestine and Chairperson Battise,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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area of the APE is approximately 0.1 acre (see Exhibits 1 and 2). A new 182-foot self-support tower will be constructed; the compound for the tower will be gravel paved, surrounded with metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

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Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



CITY OF AUSTIN

Apache Tribe of Oklahoma Tribal Consultation Letter FS1101

10/22/2020

Bobby Komardley, Chairman
Apache Tribe of Oklahoma
PO Box 1330
Anadarko, Oklahoma 73005
bkomardley@outlook.com

Re: FS 1101 9019 Elroy Road, Del Valle, TX 78617
HUD Program

Dear: Chairman Komardley,

The City of Austin is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Austin has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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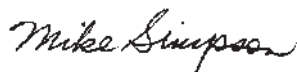
metal fencing, and include an equipment shed, generator shelter, and a fuel tank on a concrete pad. The compound for the tower will be accessed through an existing driveway and parking lot.

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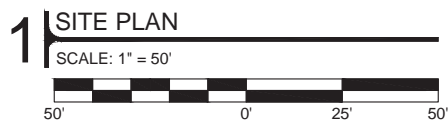
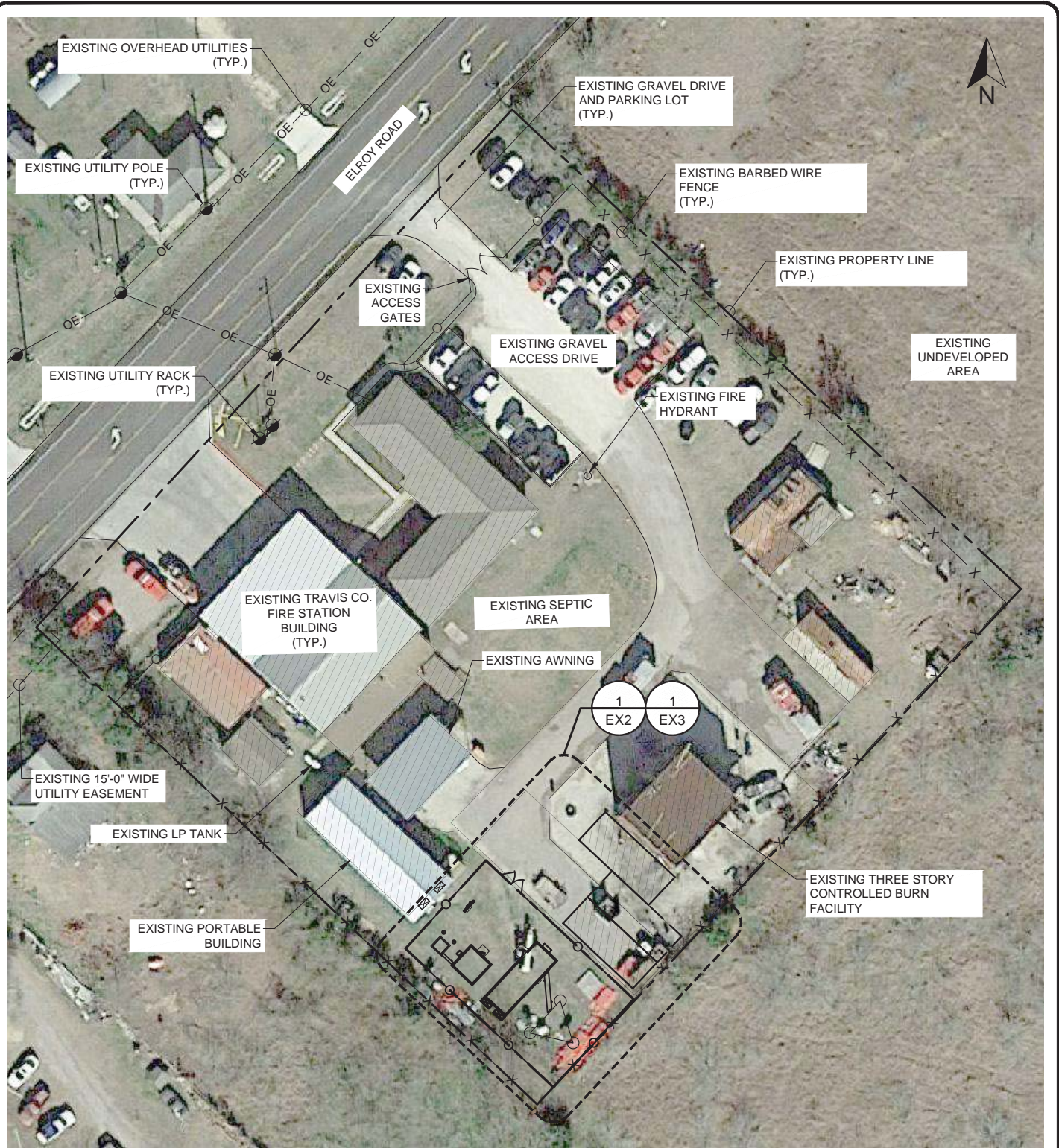
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Sincerely,



Mike Simpson
Wireless Program Services Manager
FCC Regulatory Affairs Coordinator
(512) 972-3232
Mike.simpson@austintexas.gov

cc: [THPO]



5920 West William Cannon Drive,
 Building 1, Suite 102
 Austin, Texas 78749
 www.enertechresources.com

MOTOROLA SOLUTIONS
 AUSTIN, TEXAS

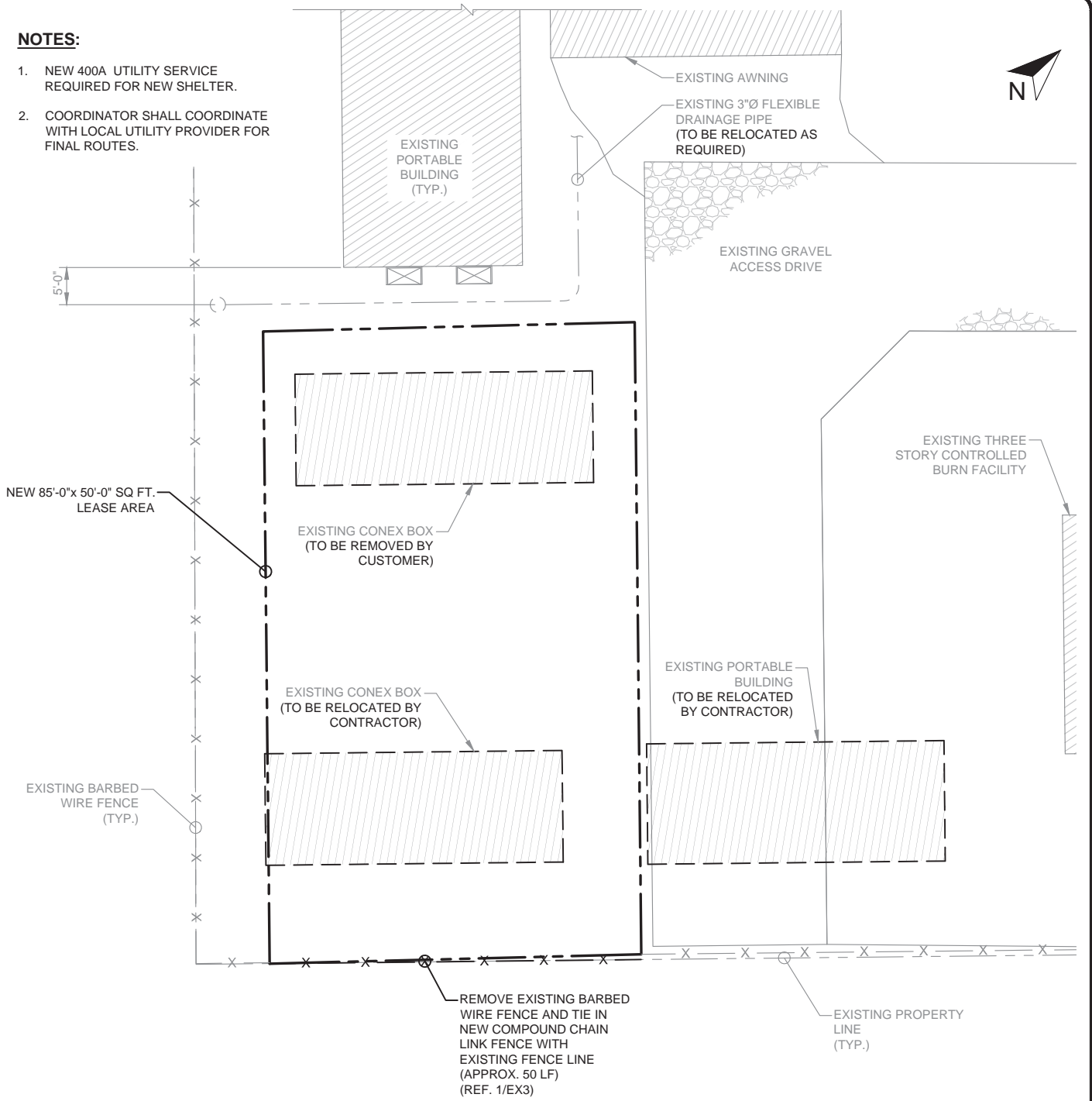
FS 1101

DATE PRINTED
 5/20/20

EX1

NOTES:

1. NEW 400A UTILITY SERVICE REQUIRED FOR NEW SHELTER.
2. COORDINATOR SHALL COORDINATE WITH LOCAL UTILITY PROVIDER FOR FINAL ROUTES.



1 EXISTING DETAILED SITE PLAN
 SCALE: 1" = 20'



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 Building 1, Suite 102
 Austin, Texas 78749
 www.enertechresources.com

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 AUSTIN, TEXAS

FS 1101

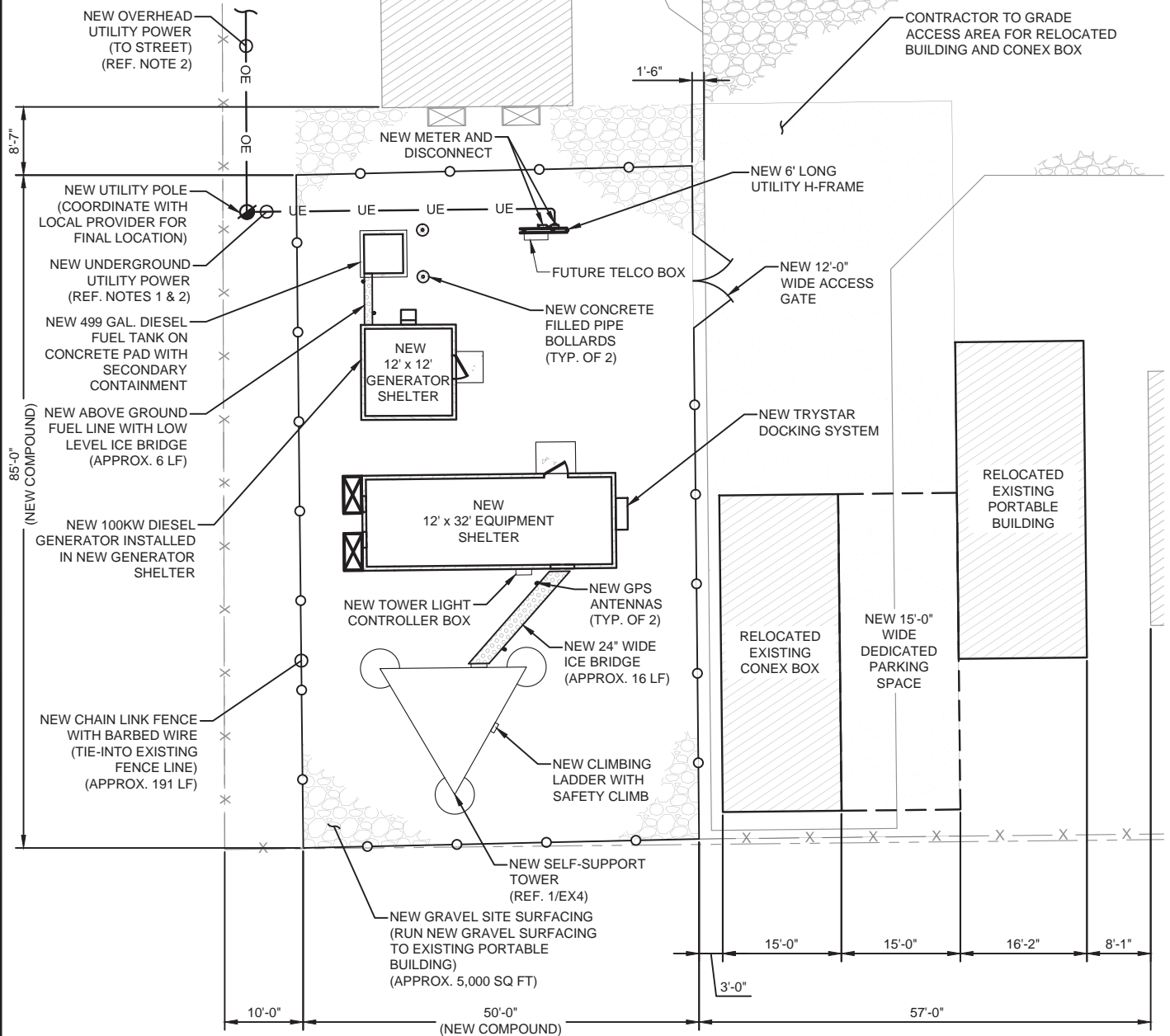
DATE
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5/20/20

EX2

NOTES:

1. NEW 400A UTILITY SERVICE REQUIRED FOR NEW SHELTER.
2. COORDINATOR SHALL COORDINATE WITH LOCAL UTILITY PROVIDER FOR FINAL ROUTES.



1 | NEW DETAILED SITE PLAN
 SCALE: 1" = 20'



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 Building 1, Suite 102
 Austin, Texas 78749
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 AUSTIN, TEXAS

FS 1101

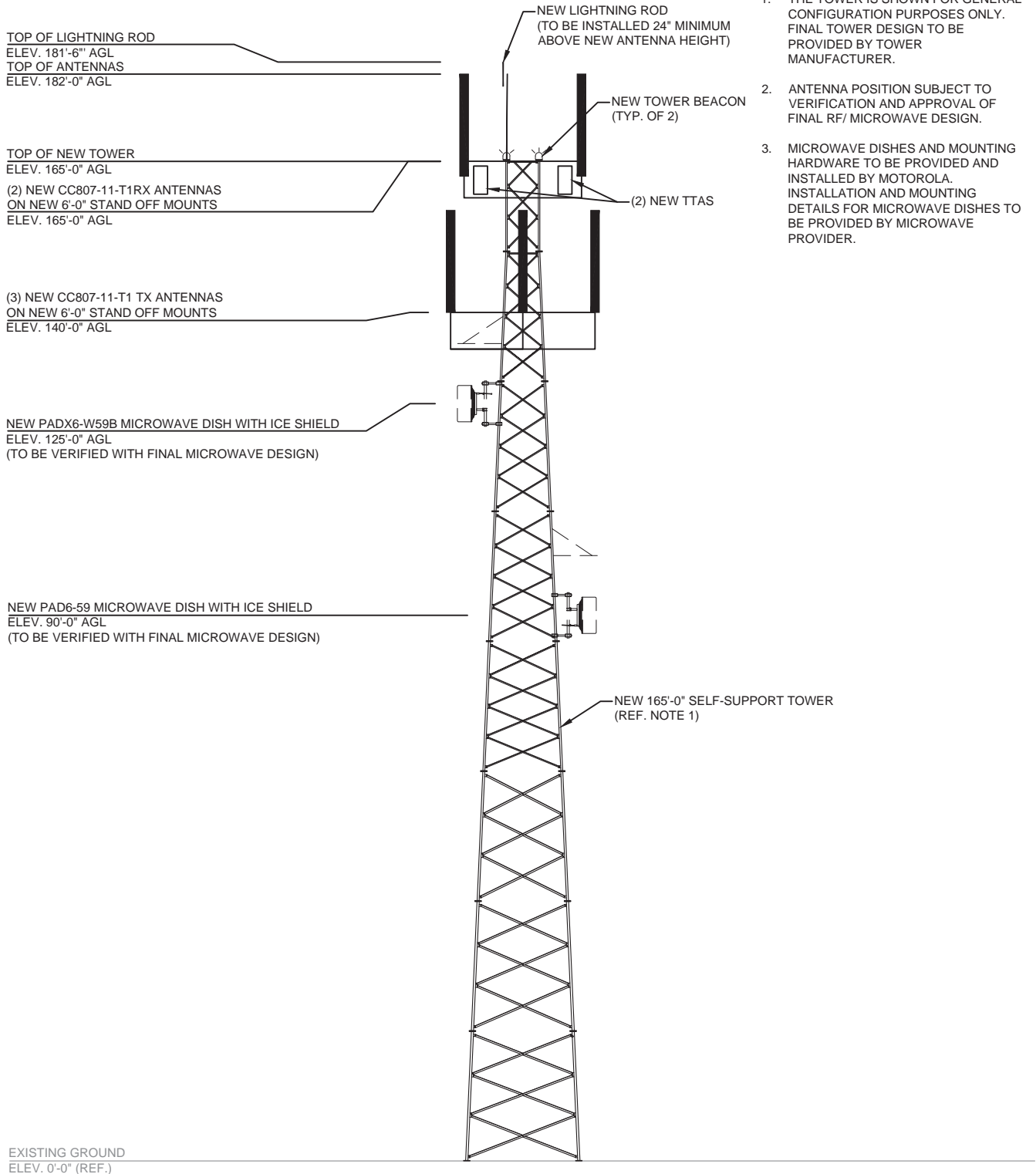
DATE
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5/20/20

EX3

NOTES:

1. THE TOWER IS SHOWN FOR GENERAL CONFIGURATION PURPOSES ONLY. FINAL TOWER DESIGN TO BE PROVIDED BY TOWER MANUFACTURER.
2. ANTENNA POSITION SUBJECT TO VERIFICATION AND APPROVAL OF FINAL RF/ MICROWAVE DESIGN.
3. MICROWAVE DISHES AND MOUNTING HARDWARE TO BE PROVIDED AND INSTALLED BY MOTOROLA. INSTALLATION AND MOUNTING DETAILS FOR MICROWAVE DISHES TO BE PROVIDED BY MICROWAVE PROVIDER.



1 TOWER ELEVATION
SCALE: N.T.S.



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AUSTIN, TEXAS

FS 1101

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EX4



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Noise (EA Level Reviews) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control>

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ Continue to Question 2.

- Rehabilitation of an existing residential property

NOTE: For major or substantial rehabilitation in Normally Unacceptable zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. For major rehabilitation in Unacceptable zones, HUD strongly encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ Continue to Question 2.

- None of the above

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000’ from a major road, 3000’ from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

- There are no noise generators found within the threshold distances above.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

- Noise generators were found within the threshold distances.

→ Continue to Question 3.

3. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

- Acceptable (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.*

Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

If project is rehabilitation:

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis.*

If project is new construction:

Is the project in a largely undeveloped area¹?

No

Yes → ***The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i).***

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis.*

Unacceptable: (Above 75 decibels)

Indicate noise level here: [Click here to enter text.](#)

If project is rehabilitation:

HUD strongly encourages conversion of noise-exposed sites to land uses compatible with high noise levels. Consider converting this property to a non-residential use compatible with high noise levels.

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis, and any other relevant information.*

If project is new construction:

The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Work with HUD or the RE to either complete an EIS or obtain a waiver signed by the appropriate authority.

→ *Continue to Question 4.*

4. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Work with the RE/HUD on the development of the mitigation measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Mitigation as follows will be implemented:

[Click here to enter text.](#)

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses or does not have water and sewer capacity to serve the project.

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.
Continue to the Worksheet Summary.

No mitigation is necessary.

Explain why mitigation will not be made here:

[Click here to enter text.](#)

→ Continue to the Worksheet Summary.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The proposed undertaking is a 182' self-support communication tower located behind Travis County ESD 11 Fire Station 1101. The equipment shelter is an unmanned facility.



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Sole Source Aquifers (CEST and EA) - PARTNER

<https://www.hudexchange.info/environmental-review/sole-source-aquifers>

1. Is the project located on a sole source aquifer (SSA)¹?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map of your project or jurisdiction in relation to the nearest SSA.*

Yes → *Continue to Question 2.*

2. Does the project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)?

Yes → *The review is in compliance with this section. Continue to the Worksheet Summary below.*

No → *Continue to Question 3.*

3. Does your region have a memorandum of understanding (MOU) or other working agreement with EPA for HUD projects impacting a sole source aquifer?

Contact your Field or Regional Environmental Officer or visit the HUD webpage at the link above to determine if an MOU or agreement exists in your area.

Yes → *Continue to Question 4.*

No → *Continue to Question 5.*

4. Does your MOU or working agreement exclude your project from further review?

Yes → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination and document where your project fits within the MOU or agreement.*

No → *Continue to Question 5.*

5. Will the proposed project contaminate the aquifer and create a significant hazard to public health?

Consult with your Regional EPA Office. Your consultation request should include detailed information about your proposed project and its relationship to the aquifer and associated streamflow source area. EPA will also want to know about water, storm water and waste water at the proposed project. Follow

¹ A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

your MOU or working agreement or contact your Regional EPA office for specific information you may need to provide. EPA may request additional information if impacts to the aquifer are questionable after this information is submitted for review.

- No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide your correspondence with the EPA and all documents used to make your determination.*
- Yes → *The RE/HUD will work with EPA to develop mitigation measures. If mitigation measures are approved, attach correspondence with EPA and include the mitigation measures in your environmental review documents and project contracts. If EPA determines that the project continues to pose a significant risk to the aquifer, federal financial assistance must be denied. Continue to Question 6.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The site was evaluated using the NEPA Assist tool. The nearest sole source aquifer (Edwards Aquifer II (Austin Area) SSA - Artesian Zone) was found to be approximately 12 miles West of the proposed tower location. <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Wetlands (CEST and EA) – Partner

<https://www.hudexchange.info/environmental-review/wetlands-protection>

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building’s footprint, or ground disturbance?

The term "new construction" includes draining, dredging, channelizing, filling, diking, impounding, and related activities and construction of any structures or facilities.

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 2.*

2. Will the new construction or other ground disturbance impact a wetland as defined in E.O. 11990?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.*

Yes → *Work with HUD or the RE to assist with the 8-Step Process.* *Continue to Question 3.*

3. Does Section 55.12 state that the 8-Step Process is not required?

No, the 8-Step Process applies.

This project will require mitigation and may require elevating structure or structures. See the link to the HUD Exchange above for information on HUD’s elevation requirements.

→ *Work with the RE/HUD to assist with the 8-Step Process. Continue to Worksheet Summary.*

5-Step Process is applicable per 55.12(a).

Provide the applicable citation at 24 CFR 55.12(a) here.

Click here to enter text.

→ *Work with the RE/HUD to assist with the 5-Step Process. This project may require mitigation or alternations. Continue to Worksheet Summary.*

8-Step Process is inapplicable per 55.12(b).

Provide the applicable citation at 24 CFR 55.12(b) here.

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.

8-Step Process is inapplicable per 55.12(c).

Provide the applicable citation at 24 CFR 55.12(c) here.

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

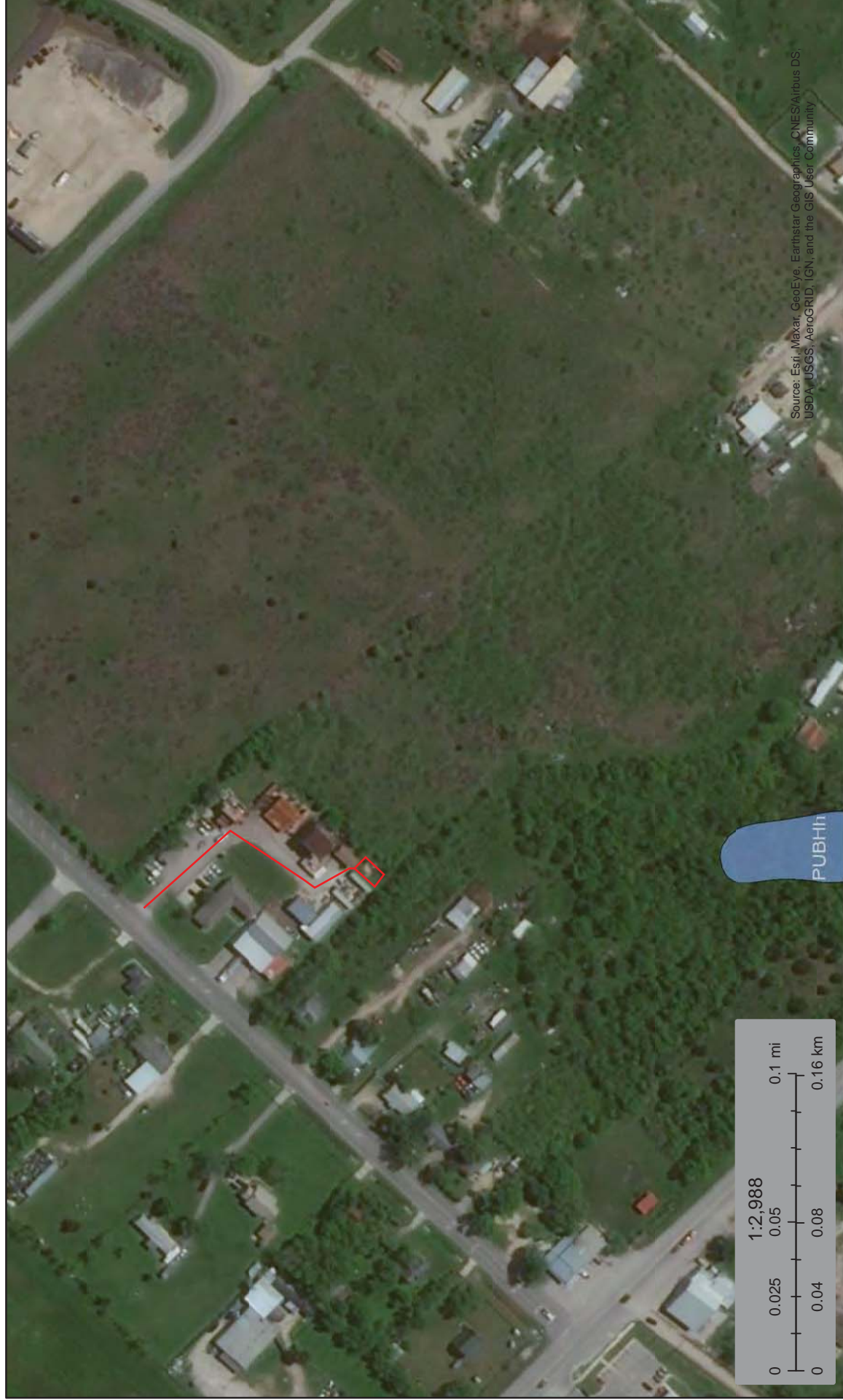
The proposed site location is not within a NWI mapped wetlands. Please see attached map.



U.S. Fish and Wildlife Service

National Wetlands Inventory

FS1101 Wetlands Map



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

February 2, 2021

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Wild and Scenic Rivers (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers>

1. Is your project within proximity of a Wild and Scenic River, Study River, or Nationwide Rivers Inventory River?

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation used to make your determination.*

Yes → *Continue to Question 2.*

2. Could the project do *any* of the following?

- Have a direct and adverse effect within Wild and Scenic River Boundaries,
- Invade the area or unreasonably diminish the river outside Wild and Scenic River Boundaries, or
- Have an adverse effect on the natural, cultural, and/or recreational values of a NRI segment.

Consult with the appropriate federal/state/local/tribal Managing Agency(s), pursuant to Section 7 of the Act, to determine if the proposed project may have an adverse effect on a Wild & Scenic River or a Study River and, if so, to determine the appropriate avoidance or mitigation measures.

Select one:

The Managing Agency has concurred that the proposed project will not alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation of the consultation (including the Managing Agency’s concurrence) and any other documentation used to make your determination.*

The Managing Agency was consulted and the proposed project may alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *The RE/HUD must work with the Managing Agency to identify mitigation measures to mitigate the impact or effect of the project on the river.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The site location was reviewed via the NEPA Assist tool, there are no Wild and Scenic River, Study River, or Nationwide Rivers Inventory Rivers near the subject property, thus no impact.

(<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>)

Wild and Scenic Rivers Map

The screenshot displays the NEPA Assistant Wild and Scenic Rivers Map. The interface includes a search bar at the top left with the text "Find address or place". Below the search bar are navigation and tool icons: "Basemap", "Imagery", "Draw", "Erase", "Save Session", and "Tools". The top right corner features the EPA logo and the text "United States Environmental Protection Agency". A "Select Map Contents" panel is visible on the right side, listing various environmental features with checkboxes. The map itself shows a rural landscape with a red star and arrow pointing to a "Subject Property". The bottom of the interface includes a scale bar and a "Powered by Esri" logo.

Find address or place

Basemap Imagery Draw Erase Save Session Tools

Home | Help

United States Environmental Protection Agency

Select Map Contents

- EPA Facilities
- Water Monitoring Stations
- Boundaries
- Nonattainment Areas
- Water Features
 - Impaired Streams
 - Impaired Watersheds
 - Streams
 - Water Bodies
 - Lake Source Aquifers
 - Watersheds (NACT)
 - Watersheds (NACT)
- Wild and Scenic Rivers
- Transportation
- Precipitation
- Soil Survey Map
- Critical Habitat
- Wetlands
- FEMA Flood
- Land Cover

Subject Property

Powered by Esri

No Wild and Scenic Rivers were found in the area around the Subject Property.



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
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Environmental Justice (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/environmental-justice>

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

1. Were any adverse environmental impacts identified in any other compliance review portion of this project’s total environmental review?

Yes → Continue to Question 2.

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Were these adverse environmental impacts disproportionately high for low-income and/or minority communities?

Yes

Explain:

Click here to enter text.

→ The RE/HUD must work with the affected low-income or minority community to decide what mitigation actions, if any, will be taken. Provide any supporting documentation.

No

Explain:

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

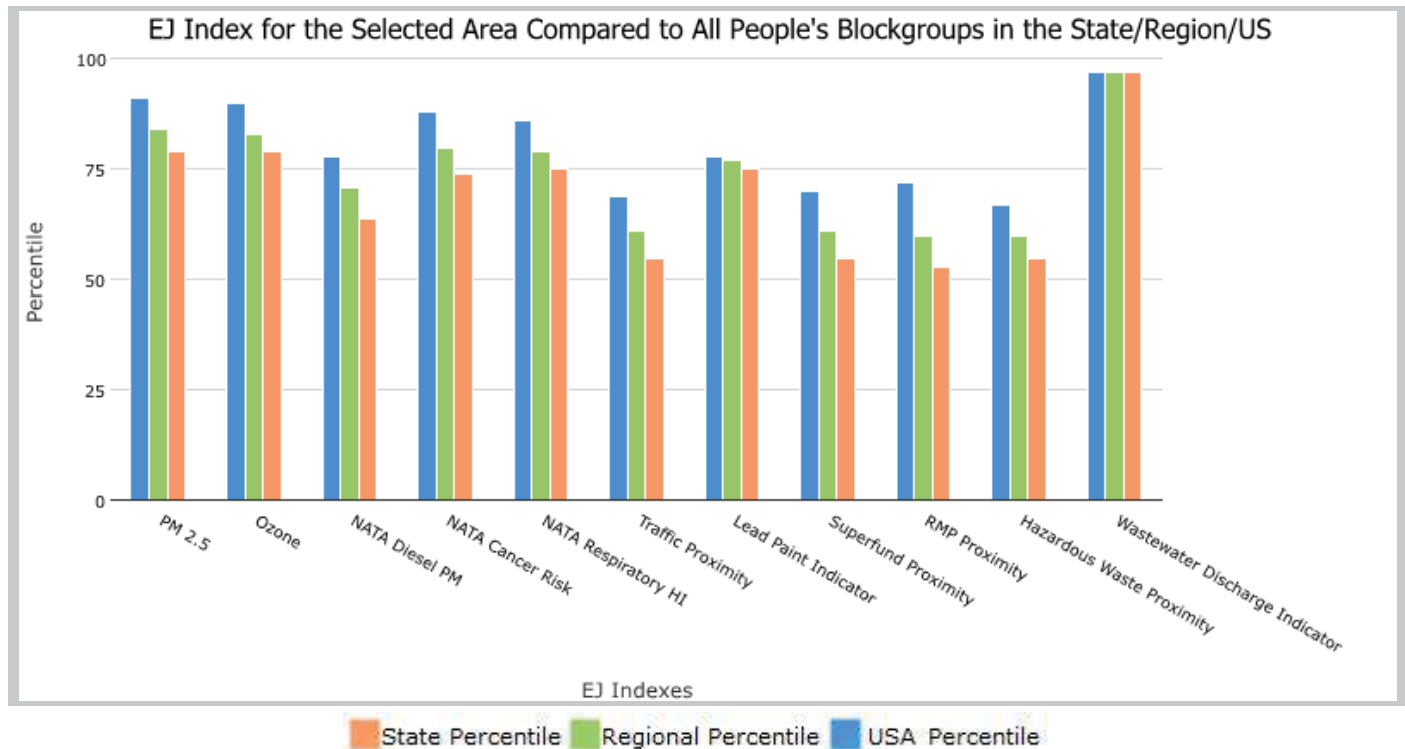
There have been no adverse environmental impacts noted through the evaluation for the proposed communications tower.

1 mile Ring Centered at 30.121594,-97.632987, TEXAS, EPA Region 6

Approximate Population: 322

Input Area (sq. miles): 3.14

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	79	84	91
EJ Index for Ozone	79	83	90
EJ Index for NATA* Diesel PM	64	71	78
EJ Index for NATA* Air Toxics Cancer Risk	74	80	88
EJ Index for NATA* Respiratory Hazard Index	75	79	86
EJ Index for Traffic Proximity and Volume	55	61	69
EJ Index for Lead Paint Indicator	75	77	78
EJ Index for Superfund Proximity	55	61	70
EJ Index for RMP Proximity	53	60	72
EJ Index for Hazardous Waste Proximity	55	60	67
EJ Index for Wastewater Discharge Indicator	97	97	97



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

1 mile Ring Centered at 30.121594,-97.632987, TEXAS, EPA Region 6

Approximate Population: 322

Input Area (sq. miles): 3.14



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJSCREEN Report (Version 2020)



1 mile Ring Centered at 30.121594,-97.632987, TEXAS, EPA Region 6

Approximate Population: 322

Input Area (sq. miles): 3.14

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.34	9.18	48	8.95	58	8.55	76
Ozone (ppb)	40.2	41.3	38	41.8	37	42.9	29
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.215	0.428	20	0.401	<50th	0.478	<50th
NATA* Cancer Risk (lifetime risk per million)	30	35	21	36	<50th	32	<50th
NATA* Respiratory Hazard Index	0.37	0.43	23	0.45	<50th	0.44	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	44	470	21	400	25	750	23
Lead Paint Indicator (% Pre-1960 Housing)	0.071	0.15	58	0.17	51	0.28	33
Superfund Proximity (site count/km distance)	0.011	0.084	7	0.081	7	0.13	6
RMP Proximity (facility count/km distance)	0.11	0.91	11	0.82	16	0.74	19
Hazardous Waste Proximity (facility count/km distance)	0.1	0.88	19	0.99	20	5	14
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.53	0.41	96	9.5	96	9.4	93
Demographic Indicators							
Demographic Index	64%	47%	73	44%	77	36%	85
People of Color Population	84%	58%	73	52%	78	39%	86
Low Income Population	45%	35%	66	37%	65	33%	74
Linguistically Isolated Population	11%	8%	73	6%	80	4%	85
Population With Less Than High School Education	32%	17%	82	16%	86	13%	92
Population Under 5 years of age	2%	7%	10	7%	11	6%	15
Population over 64 years of age	11%	12%	51	13%	44	15%	33

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.