



Final Report Version 5

Hazardous Materials Initial Site Assessment (ISA)

August 2019

District: Yoakum

SH 72 from FM 237 to US 87

CSJs: 0270-01-051, 0270-10-014

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.

Hazardous Materials Initial Site Assessment (ISA) Report

This ISA complies with the Federal Highway Administration's (FHWA's) policy dealing with hazardous materials discussed in FHWA's *Supplemental Hazardous Waste Guidance* (January 16, 1997) located at <http://www.environment.fhwa.dot.gov/guidebook/vol1/doc7b.pdf>.

FHWA's policy emphasizes three objectives: 1) identify and assess potentially contaminated sites early in project development, 2) coordinate early with federal/ state/ local agencies to assess the contamination and the cleanup needed; and 3) determine and implement measures early to avoid or minimize involvement with substantially contaminated properties.

In addition, completing the ISA will aid in identifying hazardous material issues early, avoiding construction delays, and reducing the department's liability associated with the purchase of contaminated right of way.

Maintain a copy of the completed ISA report with all applicable attachments in the project file.

For additional information, refer to TxDOT's online manual: *Hazardous Materials in Project Development*: <http://onlinemanuals.txdot.gov/txdotmanuals/haz/index.htm> and the Hazardous Materials Toolkit Site: <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/haz-mat.html>

Abbreviations and Acronyms

CALF	Closed and Abandoned Landfill
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
EA	Environmental Assessment
EIS	Environmental Impact Statement
ECOS	Environmental Compliance Oversight System
ERNS	Emergency Response Notification System
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
HAZMAT	Hazardous Materials
MS4	Municipal Separate Storm Sewer System
MSWLF	Municipal Solid Waste Landfill
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act
ROW	Right of Way
SEMS	Superfund Enterprise Management System
TCEQ	Texas Commission on Environmental Quality
TRRC	Texas Railroad Commission
US	United States
USGS	United States Geological Survey
VCP	Voluntary Cleanup Program

TxDOT Hazardous Materials Initial Site Assessment (ISA) Report

Project Information

CSJ No: 0270-01-051; 0270-10-014	City: Yorktown, Cuero	Zip Code: 78164, 77954	County: DeWitt
HWY: SH 72	Limits: FM 237 to US 87		

Section 1: Identify Previously Completed Environmental Site Assessments, Known Hazmat Conditions, Preliminary Project Design, and Right-of-Way Requirements

Note: Obtain information/comments from design, right-of-way, and/or environmental staff. Attach maps and/or details as appropriate.

<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	Are there any previous environmental assessments, testing, or studies performed within the proposed project area related to contamination issues (to include Phase I ESAs)? If yes, explain here if there are any concerns to the proposed project:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Have the project schematics and/or plan-profile sheets (if available) been reviewed?* Look for substantial excavations (including utilities and storm sewer designs), new ROW and easements, and bridge demolitions or renovations.

* For consultants: this information shall be supplied by TxDOT.

Section 2: Demolition and Renovation Information Related to Asbestos and Lead-Containing-Paint

Yes No Are there proposed bridges or building demolitions or renovations for this project?

Note: If "Yes" is selected, buildings or structures being acquired through the acquisition process are assessed and mitigated for asbestos, as needed, within the ROW process according to the TxDOT ROW Manual ROW Vol. 6 Miscellaneous -Chapter 1 Section 5. Bridge structures being demolished or renovated are assessed and mitigated for asbestos and lead-containing-paint, as needed, within the construction process according to Standard Specification Item 6.10 (and applicable Provisions), and the TxDOT guidance document: Guidance for Handling Asbestos in Construction Projects, dated January 26, 2007.

Section 3: Project Screening

Note: Section 3.1 is only applicable for Categorically Excluded (CE) projects. If you are uncertain of the project type, select "No" and continue to Section 3.2.

Section 3.1 Determine if the proposed project has a low potential to encounter contamination. Refer to the preliminary schematics for project limits and internet-based maps for surrounding land use.

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or an EA or EIS Project	Are the limits of the proposed project within a historically undeveloped area and outside the boundaries of a designated MS4 permitted area? Historically undeveloped areas are locations where no commercial buildings are located within one-half (0.5) miles of the proposed project limits and the surrounding land use is historically agricultural, forest, or ranch lands.
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If "Yes" is selected, the ISA is complete. The proposed project has a low potential to encounter contamination. Complete Sections 9 and 10 of this ISA and maintain a copy and all applicable attachments in the project file.

If "No" is selected, proceed to Section 3.2 of this ISA.

Section 3.2

Note: Determine if the project includes any of the activities listed below:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Project Excavations: Will the work consist of substantial excavation operations. Substantial excavation includes, but is not necessarily limited to:</p> <ul style="list-style-type: none"> • Underpass construction, • Storm sewer installations, and • Trenching or tunneling that would require temporary or permanent shoring.
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<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Dewatering of Groundwater: Are there proposed de-watering operations. If yes, what is the estimated depth to groundwater?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Encroachments: Are there known or potential encroachments into the project area? Encroachments include soil and groundwater contamination, dump sites, tanks, and other issues in the ROW.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ROW and Easements: Are there any acquisitions of new ROW, easements, temporary construction easements planned for the project?

3.3 Complete the appropriate box below:

- If Section 3.2 contains any "Yes" answers, please proceed to Section 4.
- If Section 3.2 contains all "No" answers, proceed to Section 6, Site Survey. Please perform a site survey documenting the results in Section 6 and then mark the appropriate box below. If a Phase I ESA has been prepared for this project, you may use the applicable site survey information from the Phase I ESA.
- The site survey did not identify evidence of any environmental concerns listed in Section 6. The ISA is complete. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.
- The site survey identified evidence of environmental concerns listed in Section 6. Continue with Section 4.

Section 4: Current and Past Land Use Information

Note: Review and assess current and past land use (up to 50 years) in the project area. Document and attach sources that were reviewed. If one or more Phase I ESAs were prepared for this project, please use applicable information from the Phase I ESAs to help complete this section of the ISA.

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.1 Review Current and Past USGS 7.5 Minute Topographic Maps of the project area: Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns: No discernable concerns were noted during the review of these maps.		
	List Topo Maps Reviewed:	Dates:	Comments:
	Beeville, TX - USGS - 250,000	1953	No discernable concerns were noted during the review of these maps.
	Beeville, TX - USGS - 250,000	1956	
	Beeville, TX - USGS - 250,000	1960	
	Yorktown East, TX - USGS - 24,000	1963	
	Goliad, TX - USGS - 125,000	1985	
	Yorktown East, TX - USGS - 24,000	1987	
	Seguin, TX - USGS - 250,000	1953	
	Seguin, TX - USGS - 250,000	1958	
	Cuero, TX - USGS - 24,000	1960	
	Seguin, TX - USGS - 250,000	1975	
	Cuero, TX - USGS - 125,000	1985	
	Cuero, TX - USGS - 24,000	1987	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.2 Review Current and Past Aerial Photographs of the project area: Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns: No discernable concerns were noted during the review of these photographs.		
	List All Aerial Photos Reviewed:	Photo Dates:	Comments:
	USDA	1954, 1981, 1995, 2004, 2008, 2010, 2012, 2014	No discernable concerns were noted during the review of these photographs.

<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.3 Review Current and Past Right-of-Way Maps/Files*: Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns:
	List Maps/ Files & Dates Reviewed: Comments:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.4 Review Sanborn Fire Insurance Maps/Files: Look for tanks, oil & gas pipelines, landfills, or other industrial features. Describe any concerns:
	List Maps/ Files & Dates Reviewed: Comments:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.5 Review TxDOT As-Built Plans*: Were any concerns identified during previous work within the project limits? If yes, explain: If known, what is the previous Project CSJ:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.6 Review TxDOT Geotechnical Soil Boring Logs*: Were any concerns noted on the boring logs such as unusual odors, visible contamination, trash, waste or debris? If yes, explain:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	4.7 Review TxDOT Temporary Use ROW Agreements (permits issued by the district to entities to occupy a portion of the ROW)*: Were any concerns such as monitor wells or treatment systems identified within the ROW? For consultants: this information shall be supplied by TxDOT. If yes, explain:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	4.8 Review Notifications of Contamination to TxDOT* (These are typically letters from TCEQ or third parties explaining the presence of contamination on TxDOT ROW): Were any concerns regarding contamination of ROW from off-site sources? If yes, explain:

* For consultants: this information shall be supplied by TxDOT. If no information is supplied by TxDOT, then select Not Available.

Section 5: Complete a Regulatory Records Review (Database Search)	
<p>Note: Use the comment field in Section 5.1 to provide a synopsis of the total number of sites identified within the search distances of the regulatory record reviewed. No comments are required when no sites were identified or the regulatory record was not reviewed.</p>	
<p>Select the appropriate box below:</p> <p><input checked="" type="checkbox"/> A Database search was conducted through a contracted service. Indicate in Section 5.1, and if applicable, Section 5.2, the regulatory records searched. Maintain a complete copy of the database search findings (contractor's report deliverable) in the project file with the ISA.</p> <p><input type="checkbox"/> A Database search was conducted in-house. For in-house database searches, not all databases need to be reviewed, but at a minimum the databases listed in Section 5.1 marked in bold with a star(*) must be reviewed. Include database records that list potential issues in the project file with the ISA. It is not necessary to include records of negative findings.</p>	
Section 5.1 Standard Database Sources of Environmental Information from Government Agency Records	
Findings	Regulatory Record
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Federal Active NPL or Not NPL list (CERCLIS or SEMS sites)* https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm ; and/or https://www.epa.gov/cleanups/cleanups-my-community (1 mile minimum search distance from project limits)

Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Federal Archived NPL or Not NPL list (CERCLIS or SEMS sites)* https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	US EPA Brownfield Properties https://www.epa.gov/cleanups/cleanups-my-community (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA Corrective Action (CORRACTS) list https://www.epa.gov/cleanups/cleanups-my-community , and/or http://www.epa.gov/enviro/ (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA non-CORRACTS Treatment Storage Disposal (TSD) facilities list http://www.envcap.org/statetools/tsdf/ and/or http://www.epa.gov/enviro/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA generators http://www.epa.gov/enviro/ (acquired property and adjoining properties)
Comments for Sites Identified:	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal ERNS (or Responses) https://www.epa.gov/cleanups/cleanups-my-community (acquired property and adjoining properties)
Comments for Sites Identified: One ERNS site was identified on an adjoining property. Map ID #3 is located at 415 West Heaton in Cuero, Texas and is located adjacent to the project area. On 12/27/2010 an anonymous caller reported D&B Rental Service for dumping, from a vacuum truck, unknown oils and caustic soda onto private property at the address described. No remedial action took place for the reported dumping. Due to the nature of the proposed project, lack of subsurface activity, it is unlikely that this reported incident would impact the project. No additional ROW is proposed from this location.	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ Industrial Hazardous Waste Corrective Action (IHWCA) sites only* http://www15.tceq.texas.gov/crpub/ (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ Superfund sites* http://www15.tceq.texas.gov/crpub/ and/or https://www.tceq.texas.gov/remediation/superfund/sites/index.html (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Closed and abandoned municipal solid waste landfill sites* http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw-data (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	

<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	TCEQ leaking petroleum storage tank remediation lists (LPST)* http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified: Five LPST sites were identified within the 0.5 mile search radius from the project area.	
Map ID #7 is identified as Ploger Enterprises and is located at 514 South Esplanade Street in Cuero, Texas. This site is located 0.11 miles north of the project area. Minor soil contamination was discovered while removing five tanks. The site was investigated and determined to not require a response action plan (RAP) due to the "minor" soil impacts. Further investigation is not recommended.	
Map ID #9 is identified as Leske Oil Company and is located at 413 South Esplanade Street in Cuero, Texas. This site is located 0.18 miles northeast of the project area. Leske Oil is a retail station which was listed for leaks which impacted groundwater and was first reported on 4/17/1991. Final concurrence was issued for this site on 3/3/2000. This site is not recommended for further investigation due to the distance from the project area and "final concurrence" status.	
Map ID #10 is identified as Circle K 9416 and is located at 111 East Morgan Avenue in Cuero, Texas. This site is located 0.31 miles northeast of the project area. Circle K is a retail station which was listed for leaks which impacted groundwater and was first reported 12/12/1995. Final concurrence was issued 1/29/1998. This site is located 0.31 miles from the project area and is not recommended for further investigation due to the distance from the project area and "final concurrence" status.	
Map ID #11 is identified as Gonzales Exxon and is located at 207 South Esplanade Street in Cuero, Texas. This site is located 0.39 miles northeast of the project area. Gonzales Exxon is a former retail refueling station with leaks reported on 7/11/1994. No groundwater impacts and no apparent threats to receptors were reported following further investigation. Final concurrence for this site is pending documentation that wells have been plugged associated with the PSTs which have been removed or filled in place. Further investigation for this site is not recommended.	
Map ID #12 is identified as "Cuero Texas" and is located at 513 East Railroad in Cuero, Texas. This site is located 0.48 miles northeast of the project area. The site listed is a former fleet refueling station which is inactive. The site was noted for soil contamination only on 9/12/1989. Final concurrence was issued and the case was closed on 11/29/1989 following a removal of the 8,000 gallon on-site tanks. Further investigation for this site is not recommended.	
One unmapped LPST site (LPST ID: 100709) was identified adjacent to SH 72. The location of the DeWitt County Precinct 1 office is noted as 1 MI W ON FM 3402, CUERO, TX 77954. FM 3402 was renamed as SH 72 and this site is believed to be located at 1100 SH 72, Cuero, TX 77954. A leak was discovered at this site on 10/8/1991. Groundwater was impacted with no apparent threats or impacts to receptors. Three LPSTs at this site were removed from the ground on 9/5/1991. Final concurrence was issued and the case was closed on 4/28/1997. This site is adjacent to the project area and minimal additional ROW is proposed. This site is not recommended for further investigation due to the "final concurrence" status.	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	TCEQ registered petroleum storage tank lists (PST)* http://www15.tceq.texas.gov/crpub/ (acquired property and adjoining properties)
Comments for Sites Identified: Seven PST sites were identified on the database search. Only five PST sites were identified as adjoining properties or properties acquiring ROW.	
Map ID #1 is identified as The Texan 5 and is located at 101 West Heaton Street in Cuero, Texas. This PST site is an active retail station with two active USTs. No incidents have been reported for this site. This property adjoins the project area. No additional ROW is proposed from this location. Further investigation is not recommended for this site.	
Map ID #2 is identified as Spitfire Services and is located at 908 West Heaton Street in Cuero, Texas. This PST site is an active freight company with two ASTs used for gasoline and diesel fuel. This property adjoins the project area and additional ROW is proposed. Due to the distance of the ASTs from the proposed ROW, further investigation for this site is not recommended.	

Map ID #4 is identified as Quero Gascard 270323 and is located at 1522 State Highway 72 in Cuero, Texas. This PST site is listed for fleet refueling for Quero Gascard. Three ASTs are registered for this location that are used for diesel and gasoline. This property adjoins the project area and additional ROW is proposed. Due to the distance of the ASTs from the proposed ROW, further investigation for this site is not recommended.

Map ID #5 is identified as Corner Store 1545 and is located at 4150 State Highway 72 in Cuero, Texas. The Corner Store 1545 is an active retail gas station with three active USTs. This site adjoins the project area and minimal ROW is proposed. Due to the distance of the USTs from the proposed ROW, further investigation is not recommended.

One unmapped PST site (Facility #: 0056396) was identified adjacent to SH 72. The location of the DeWitt County Precinct 1 office is noted as 1 MI W ON FM 3402, CUERO, TX 77954. FM 3402 was renamed as SH 72 and this site is believed to be located at 1100 SH 72, Cuero, TX 77954. This site is listed as an active fleet refueling station. Two 2,000 gallon ASTs are located on-site. This site is also listed as a closed LPST site. This property adjoins the project area and minimal additional ROW is proposed. Due to the distance of the ASTs from the proposed ROW, further investigation for this site is not recommended.

<input type="checkbox"/> Sites Identified	TCEQ voluntary cleanup program (VCP) sites* http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
<input checked="" type="checkbox"/> No Sites Identified	

Comments for Sites Identified:

<input type="checkbox"/> Sites Identified	TCEQ Innocent Owner/ Operator (IOP) sites http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
<input type="checkbox"/> No Sites Identified	
<input checked="" type="checkbox"/> Not Reviewed	

Comments for Sites Identified:

<input type="checkbox"/> Sites Identified	TCEQ Dry Cleaners remediation only Database* http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
<input checked="" type="checkbox"/> No Sites Identified	

Comments for Sites Identified:

<input type="checkbox"/> Sites Identified	Texas Railroad Commission VCP sites* http://www.rrc.state.tx.us/oil-gas/environmental-cleanup-programs/site-remediation/voluntary-cleanup-program/ (0.5 mile minimum search distance from project limits)
<input checked="" type="checkbox"/> No Sites Identified	

Comments for Sites Identified:

Section 5.2 List below other pertinent records reviewed such as local records and/or additional state records

Record Source and Comments: RRC of Texas Public GIS Viewer, many well and pipelines in the area.

Record Source and Comments:

Section 6: Complete a Project Site Survey

Note: Do not document site survey concerns that were previously identified by the regulatory list search, by the Current and Past Land Use review, or both. In Section 6.1, describe the location and size of the concern. Attach site maps and photographs, as appropriate. If a Phase I ESA has been prepared for this project, you may use the applicable site survey information from the Phase I ESA and updated current site conditions, as needed.

Possible Site Survey Concerns: The following items are to be used as a guide to help identify potential hazardous material issues during a site survey.

- underground storage tanks
- aboveground storage tanks
- injection wells, cisterns, sumps, dry wells
- vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground
- electrical and transformer equipment storage or evidence of release
- groundwater monitoring wells and groundwater treatment systems

- floor drains, walls stained by substances other than water or emitting foul odors
- stockpiling, storage of material
- surface dumping of trash, garbage, refuse, rubbish, debris half exposed/buried, etc.
- stained, discolored, barren, exposed or foreign (fill) soil
- oil sheen or film on surface water, seeps, lagoons, ponds, or drainage basins
- changes in drainage patterns from possible fill areas
- Dead animals (fish, birds, etc.)
- vats, 55-gallon drums (labeled/unlabeled), canisters, barrels, bottles, etc.
- evidence of liquid spills
- damaged or discarded automotive or industrial batteries
- dead, damaged, or stressed vegetation
- pits, ponds, or lagoons associated with waste treatment or waste disposal
- security fencing, protected areas, placards, warning signs

Site Survey Date(s): 6/11/19

6.1 Describe Concerns Observed During the Site Survey. Do not include concerns previously identified during the regulatory list search, the current and past land use review or both. Indicate if the concern is associated with existing ROW, proposed ROW, adjacent property, or easements. Provide address location (or relative location) and any additional information about the evidence identified; include photographs as an attachment to the ISA.

Comments or Concerns Identified:

While conducting the site investigation, an oil/gas well, an oilfield services site, and a service company designated "AST site" were identified adjacent to the project. The ASTs associated with the oilfield services site and the "AST site" did not appear to be within the proposed ROW and would not impact the project. These sites are identified on Figure 3 and Attachment 2: Site Photographs.

Section 7: Interviews

Section 7.1 Were interviews conducted? Yes No
Possible interviewees include local residents, TxDOT staff, fire department personnel, city or county department of health/environmental staff, city or county planning staff, TCEQ staff, TRRC staff, and current and former property owners or operators.

If one or more Phase I ESAs were prepared for this project, please use applicable interview information from the Phase I ESAs to help complete this section of the ISA.

Section 7.2 Interview Summary: Complete this section if interviews were conducted. Add additional rows as needed. Attach record of communications to the ISA.

Name:	Title:	Date:
Describe any potential concerns:		
Name:	Title:	Date:
Describe any potential concerns:		
Name:	Title:	Date:
Describe any potential concerns:		

Section 8: Hazardous Material Concerns

On the list below, indicate if a concern is resolved or unresolved. "Unresolved" indicates additional investigation or research is required. "Resolved" indicates the concern has been resolved during the preparation of this ISA. If a

concern is “Unresolved” or “Resolved”, include a statement explaining the planned next steps to resolve the issue. If no concerns were identified, select “No Issue”.

For additional information regarding scheduling considerations, internal/external coordination and recommended practices for resolving hazmat issues please refer to TxDOT’s *Environmental Tool Kit* web site.

Contact TxDOT ENV Hazardous Material Management (HMM) for additional assistance.

8.1 Identify Type of Hazardous Material Concerns

Resolution	Type of Concern
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	Current or Past Land Use Concerns: These concerns are associated with hazardous material issues identified in Section 4 that were not discovered during the database search in Section 5.1 or during the Site Survey in Section 6.1. Note: For ECOS IIR development, the Available Contaminated Media would be “Other”.
Explain Unresolved or Resolved Issues:	
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Site Visit Concerns: These concerns are associated with hazardous material issues discovered following the completion of Section 6 that were not previously discovered during the database search in Section 5.1 or during the current and past land use review in Section 4. Note: For ECOS IIR development, the Available Contaminated Media would be “Other”.
Explain Unresolved or Resolved Issues: While conducting the site investigation, an oil/gas well, an oilfield services site, and a service company designated "AST site" were identified adjacent to the project. The ASTs associated with the oilfield services site and the "AST site" did not appear to be within the ROW and would not impact the project (Attachment 1, Figure 2).	
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input type="checkbox"/> No Issue <input checked="" type="checkbox"/> N/A	Interview Concerns: These concerns are associated with any hazardous material issues discovered during an interview listed in Section 7, that were not previously discovered during the database search in Section 5.1, during the current and past land use review in Section 4, or during the Site Survey in Section 6.1. Note: For ECOS IIR development, the Available Contaminated Media would be “Other”.
Explain Unresolved or Resolved Issues:	

<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Petroleum Storage Tanks (PSTs) Concerns discovered during the database search: PSTs are underground or aboveground storage tanks used to store fuel or other petroleum substances. Typically, these are found at gasoline and diesel refueling facilities. Select below all that apply.	
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more PSTs.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues: Three PST sites were identified as sites with minimal proposed ROW (Map ID #3, Map ID #4, and Map ID #5). Due to the distance of the ASTs from the proposed ROW, further investigation for these sites is not recommended.		
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Leaking Petroleum Storage Tanks (LPSTs) Concerns discovered during the database search: LPSTs are PSTs that have caused or are suspected to have caused a release of fuel or other petroleum substances to the environment.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from one or more LPSTs. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more LPSTs.
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	One or more LPSTs are located within 0.25 miles of the project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues: Two LPST sites (Map ID #7 and Map ID #9) were identified within the 0.25 mile search radius from the project area. Further investigation is not recommended at either site.		
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	Oil and Gas Activity Concerns: TxDOT is concerned with the acquisition of oil and gas wells (and ancillary equipment) such as process, piping, production equipment, pipelines, etc. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research needed or uncertain of impacts. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TRRC VCP Site within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oil/ Gas Wells within future ROW.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Spills or other Contamination Issues associated with ancillary equipment or pipelines.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Non-LPST Source Contamination Concerns discovered during the database search: These are sites or locations that have a potential for soil and groundwater contamination and are not associated with LPST sites. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from a Non-LPST site. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Active NPL or Not NPL site(s) within 1 mile of the project. This may be identified on a database search as a CERCLIS or NPL site.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Archived NPL or Not NPL site(s) within 0.5 miles of the project. This may be identified on a database search as a CERCLIS NFRAP.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA Corrective Action(s) site within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA TSD facilities within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ IHW Corrective Action sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ Superfund sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ VCP sites within 0.5 miles of project.

	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ IOP sites within 0.5 miles of project.
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other- Describe: One ERNS site, Map ID #3, was identified on an adjoining property.
<p>Explain Unresolved or Resolved Issues:</p> <p>Map ID #3 is located at 415 West Heaton in Cuero, Texas and is located adjacent to the project area. On 12/27/2010 an anonymous caller reported D&B Rental Service for dumping, from a vacuum truck, unknown oils and caustic soda onto private property at the address described. No remedial action took place for the reported dumping. Due to the nature of the proposed project, lack of subsurface activity, it is unlikely that this reported incident would impact the project. No additional ROW is proposed from this location.</p>		
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	<p>Landfills/Waste Pits/Dump Site Concerns: These concerns are associated with any known or suspected (based on visual observations) landfills, dump sites, or waste pits. These concerns may appear on a database search as CALF or MSWLF site. Additionally, the local Council of Governments (COG) maintains a list of closed and open landfills in your project area. Select below all that apply.</p>	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional research is needed or uncertain of impacts. Request assistance from ENV.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	Database search identified active/closed/abandoned CALF or MSWLF landfill sites within .5 miles of the project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
<p>Explain Unresolved or Resolved Issues:</p> <p>8.3 Did the ISA identify any Unresolved Hazardous Material concerns?</p> <p><input checked="" type="checkbox"/> No, unresolved hazardous materials concerns were identified and/or all potential concerns were resolved within the ISA. No further hazardous materials action is required. The ISA is complete for this project. Any unanticipated hazardous materials impacts encountered during the project construction phase shall be addressed in accordance with regulatory requirements and TxDOT standard specifications. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.</p> <p><input type="checkbox"/> Yes, the ISA identified one or more unresolved hazardous materials concerns requiring additional investigations or assessments. An Issues, Identification, and Resolution (IIR) form shall be completed in ECOS to track the additional investigations and assessments. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.</p>		

Section 9: Reference Materials Utilized (Identify any referenced materials and attach them to the ISA or in the project file.

Referenced Materials Used	<input checked="" type="checkbox"/> Project Map	<input checked="" type="checkbox"/> USGS Topo Maps	<input checked="" type="checkbox"/> Aerial Photographs
	<input type="checkbox"/> ROW Maps/Files	<input type="checkbox"/> Sanborn Fire Insurance Maps	<input type="checkbox"/> Temporary Use Agreements
	<input type="checkbox"/> TxDOT As-Built Plans	<input type="checkbox"/> Notifications	<input checked="" type="checkbox"/> Photographs
	<input checked="" type="checkbox"/> Project Schematics/Profiles	<input checked="" type="checkbox"/> Regulatory Database	<input type="checkbox"/> Record of Interviews
	<input checked="" type="checkbox"/> Other: RRC of Texas Public GIS Viewer		

Section 10: Contact/Completed by

Name:	Susan Patterson	Tel: (512) 338-2223
Title:	Environmental Scientist	
Firm (District Section):	Cox McLain Environmental Consulting	
Address:	8401 Shoal Creek Blvd. #100 Austin, TX 78757	
Signature:		Date:7/29/2019

Appendix A

The following table shows the revision history for this guidance document.

Revision History	
Effective Date	Reason for and Description of the Change
April 2017	<p>Version 5</p> <p>The cover page has additional fields related to specific project information. This is added to personalize the ISA to a project.</p> <p>Section 2 was modified to acknowledge that asbestos or lead-in-paint issues might exist on our construction projects, but the identification and resolution to these issues are outside of the ISA process and are handled programmatically by TxDOT (usually in CST or the ROW processes).</p> <p>Section 3 was modified by adding an additional screening option. You are now able to screen out of performing a full ISA if your project meets the parameters described.</p> <p>Section 6 was reformatted to remove the numerous selections related to the Possible Site Survey Concerns. Additionally, redundant questions were removed to make the section easier to use. Under the new format, the preparer is required to insert the survey dates and a description of what was identified during the survey.</p> <p>Minor changes were made to terminology throughout the ISA, this was performed to clarify and streamline the process.</p> <p>Section 8.1 has been modified to provide resolution to potential hazardous materials issues that can be resolved easily during the ISA process. Additionally, a comment field was added to provide direction related to issues requiring further action to resolve. This will streamline the process in reducing the amount of IIR entries requires in ECOS and will reduce the time required to review a project.</p>
June 2016	<p>Version 4</p> <p>Modifications to Section 5: Web links and database names were modified based on changes made by regulatory agency websites.</p>
October 2014	<p>Version 3</p> <p>Modifications to Section 2: Clarified this section to better define what are asbestos and lead-in-paint concerns. Changes were made due to numerous comments from the end-user.</p> <p>An additional note was added to this section. This note directs end-users to ENV-HMM for further assistance related to lead-in-paint issues.</p> <p>Modifications to Section 3: The question concerning Project Excavations in Section 3.1 was modified to match the definition used in Scoping Procedure for Categorical Excluded TxDOT Projects for Hazardous Materials found in the NEPA and Project Development Toolkit.</p> <p>Modifications to Section 5: Web links were modified based on changes made by regulatory agency websites.</p> <p>Modifications to 8.2: Clarified the “Yes” answer in 8.2 to remove the need for additional assessments for all identified hazardous materials concerns. The question was modified due to comments by the end-user.</p>

August 2014	Version 2 Removed introductory note describing ISA threshold criteria. Note was removed because the ISA threshold criteria are located in other TxDOT guidance.
April 2014	Version 1 Released

Attachment 1: Figures

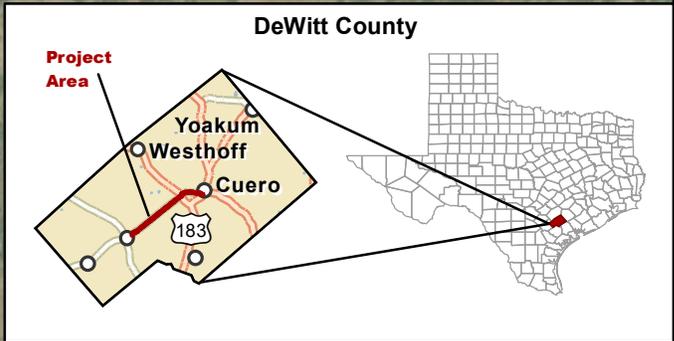
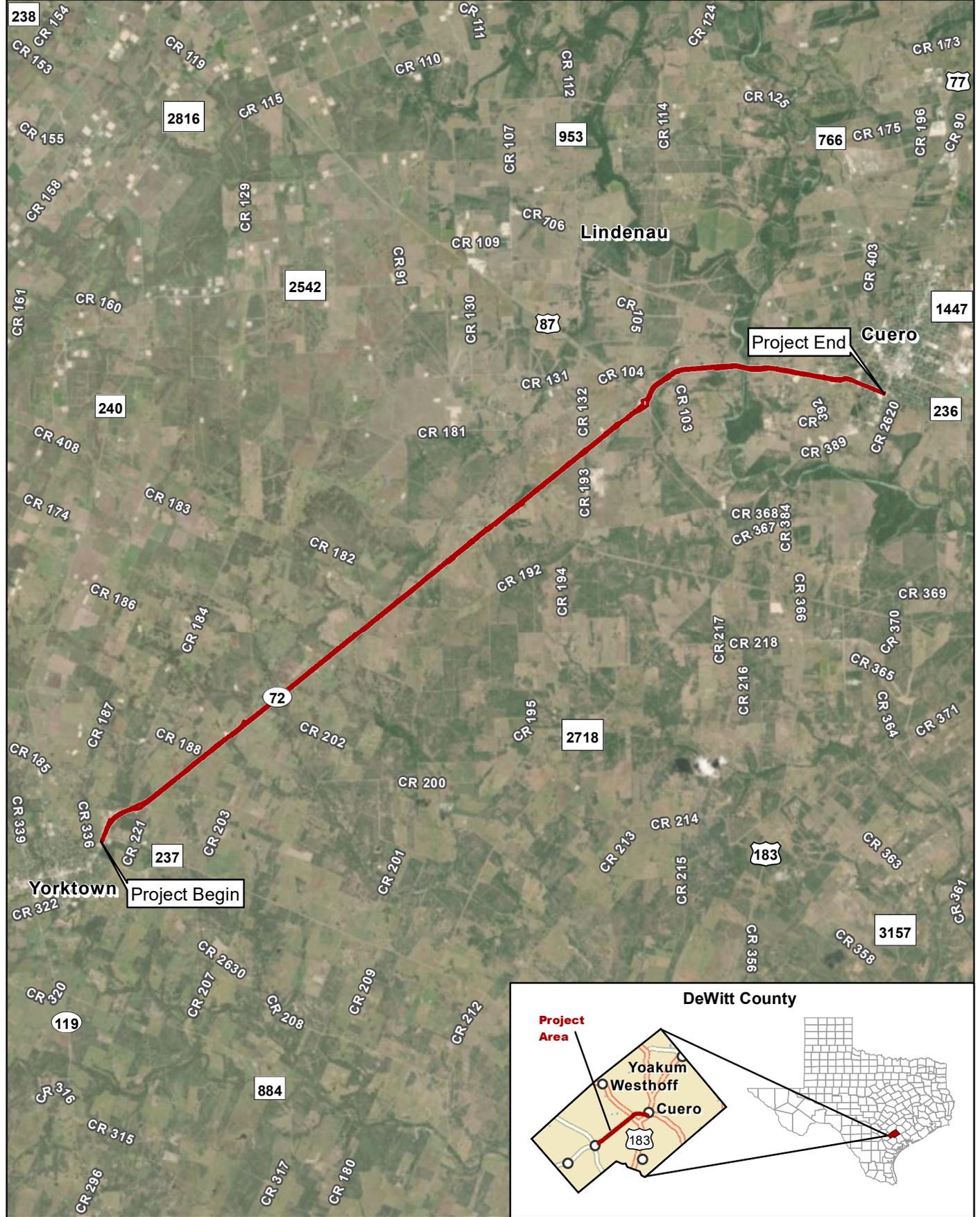


Figure 1
Project Location (Aerial Base)
 SH 72: FM 237 to US 87

 Project Location
  CSJ: 0270-01-051, 0271-10-014

0	2 Miles	1 in = 2 miles
0	3 Kilometers	Scale: 1:126,720
		Date: 7/15/2019

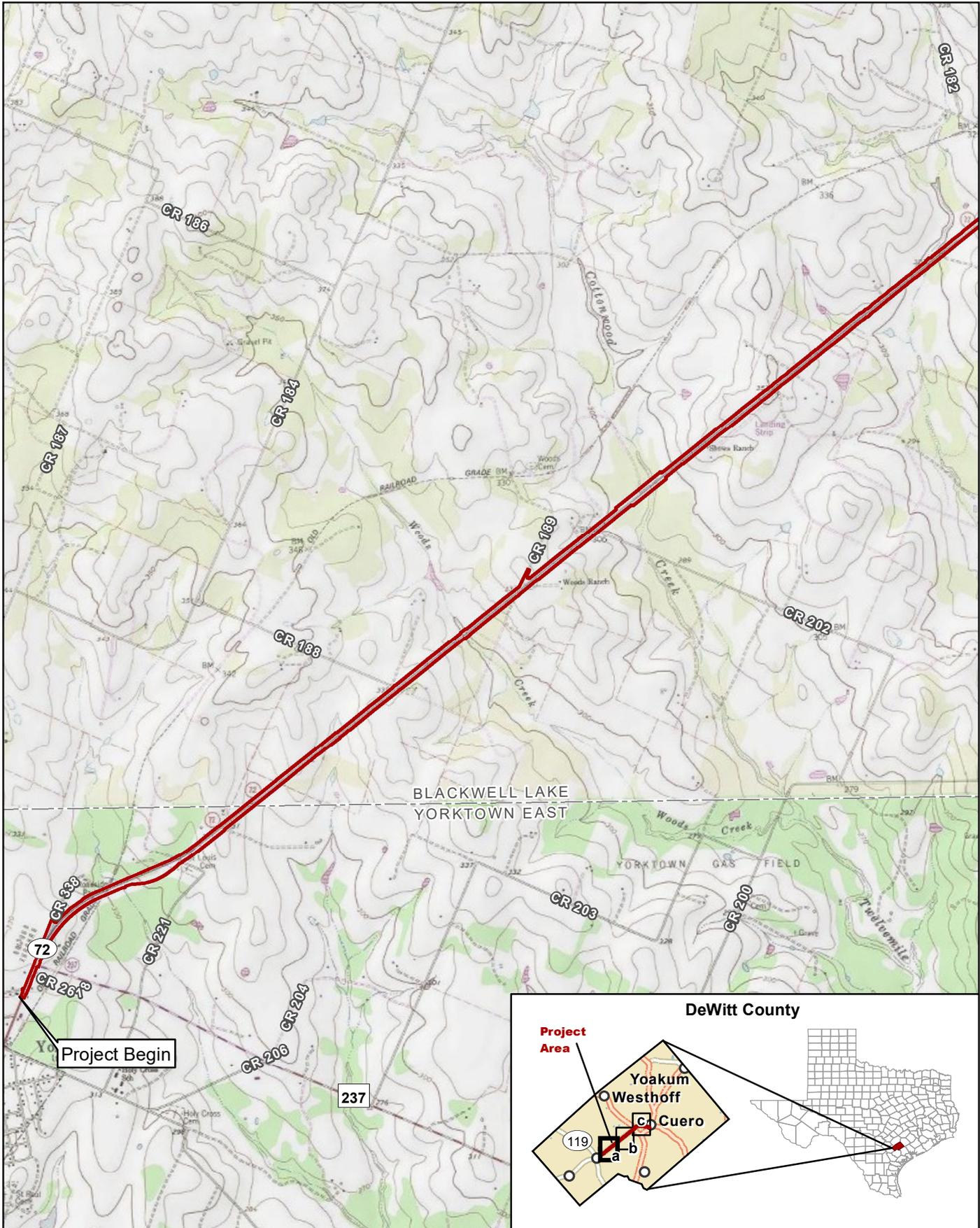
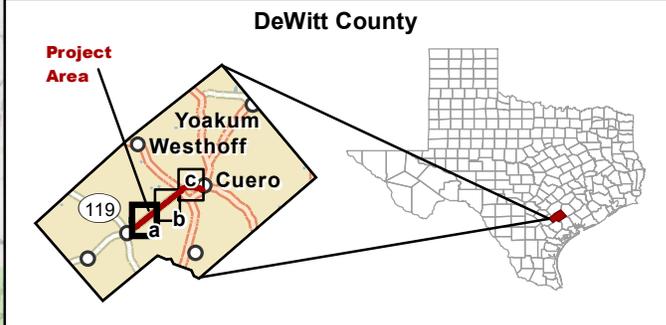


Figure 2a
Project Location (Topographic Base)
 SH 72: FM 237 to US 87



Project Location  CSJ: 0270-01-051, 0271-10-014

Basemap Source: USGS Blackwell Lake, Concrete, Yorktown East and Cuero (1987) 7.5' Quadrangles

0 3,000 Feet 1 in = 3,000 feet
 0 800 Meters Scale: 1:36,000 Date: 7/16/2019

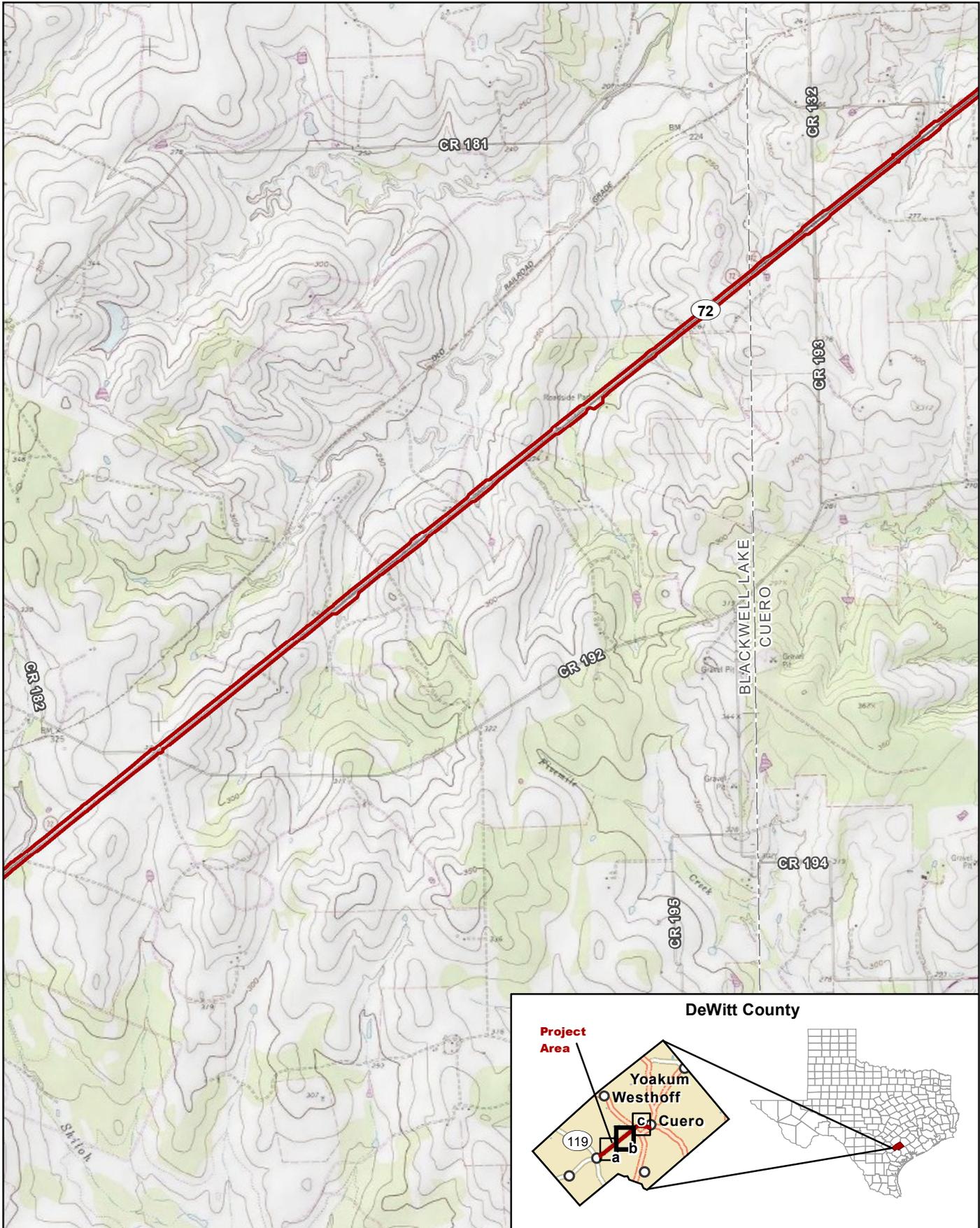


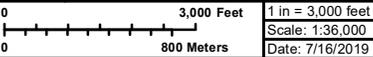
Figure 2b
Project Location (Topographic Base)
 SH 72: FM 237 to US 87

Project Location



CSJ: 0270-01-051, 0271-10-014

Basemap Source: USGS Blackwell Lake, Concrete, Yorktown East and Cuero (1987) 7.5' Quadrangles



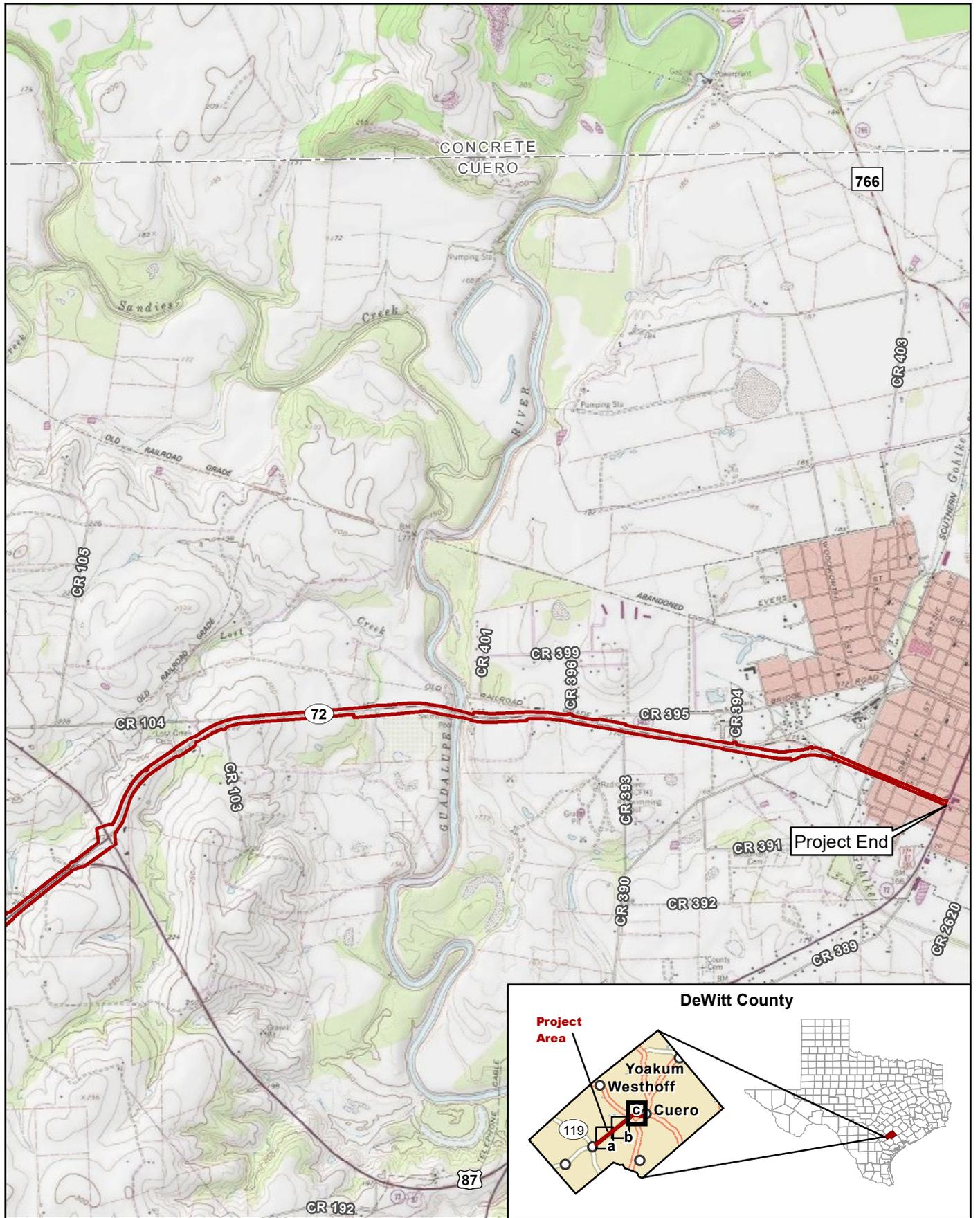


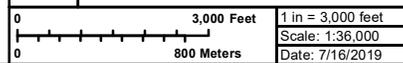
Figure 2c
Project Location (Topographic Base)
 SH 72: FM 237 to US 87

 Project Location



CSJ: 0270-01-051, 0271-10-014

Basemap Source: USGS Blackwell Lake, Concrete, Yorktown East and Cuero (1987) 7.5' Quadrangles



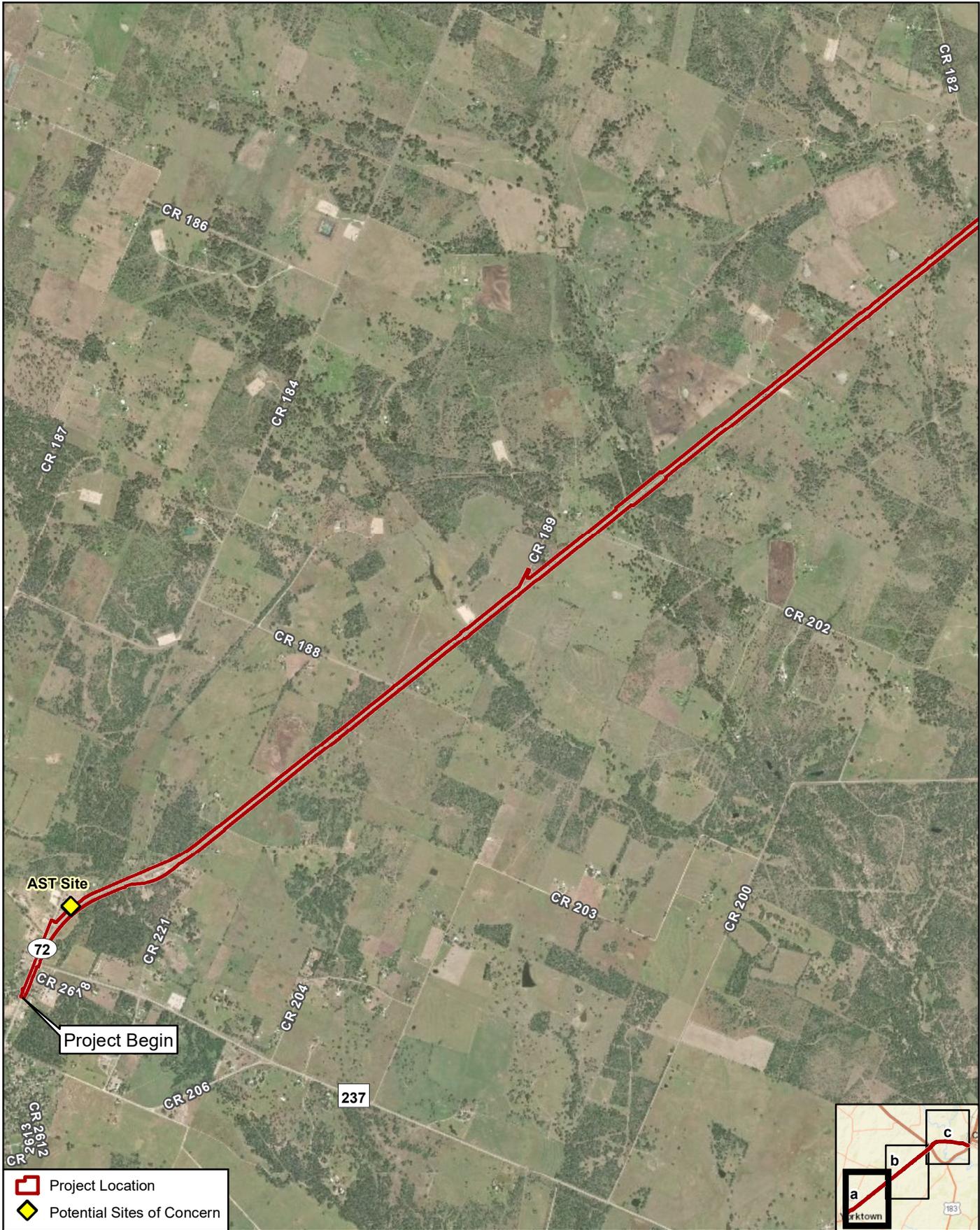
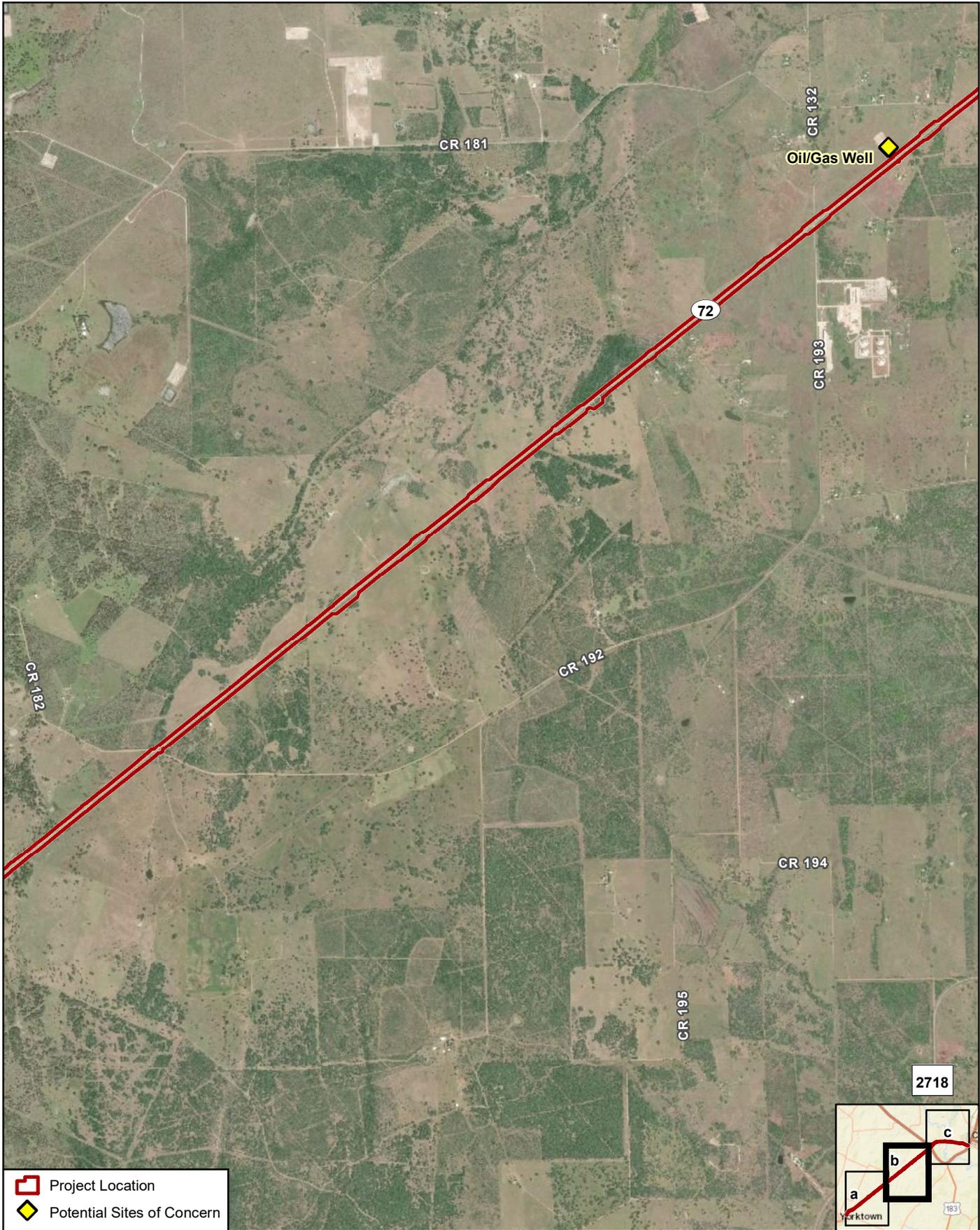


Figure 3a
Potential Sites of Concern
 SH 72: FM 237 to US 87

CSJ: 0270-01-051, 0271-10-014

0 3,000 Feet 1 in = 3,000 feet
 0 800 Meters Scale: 1:36,000
 Date: 8/1/2019



- ▭ Project Location
- ◆ Potential Sites of Concern

Figure 3b
Potential Sites of Concern
 SH 72: FM 237 to US 87

	CSJ: 0270-01-051, 0271-10-014	
	1 in = 3,000 feet	Scale: 1:36,000
	Date: 8/1/2019	

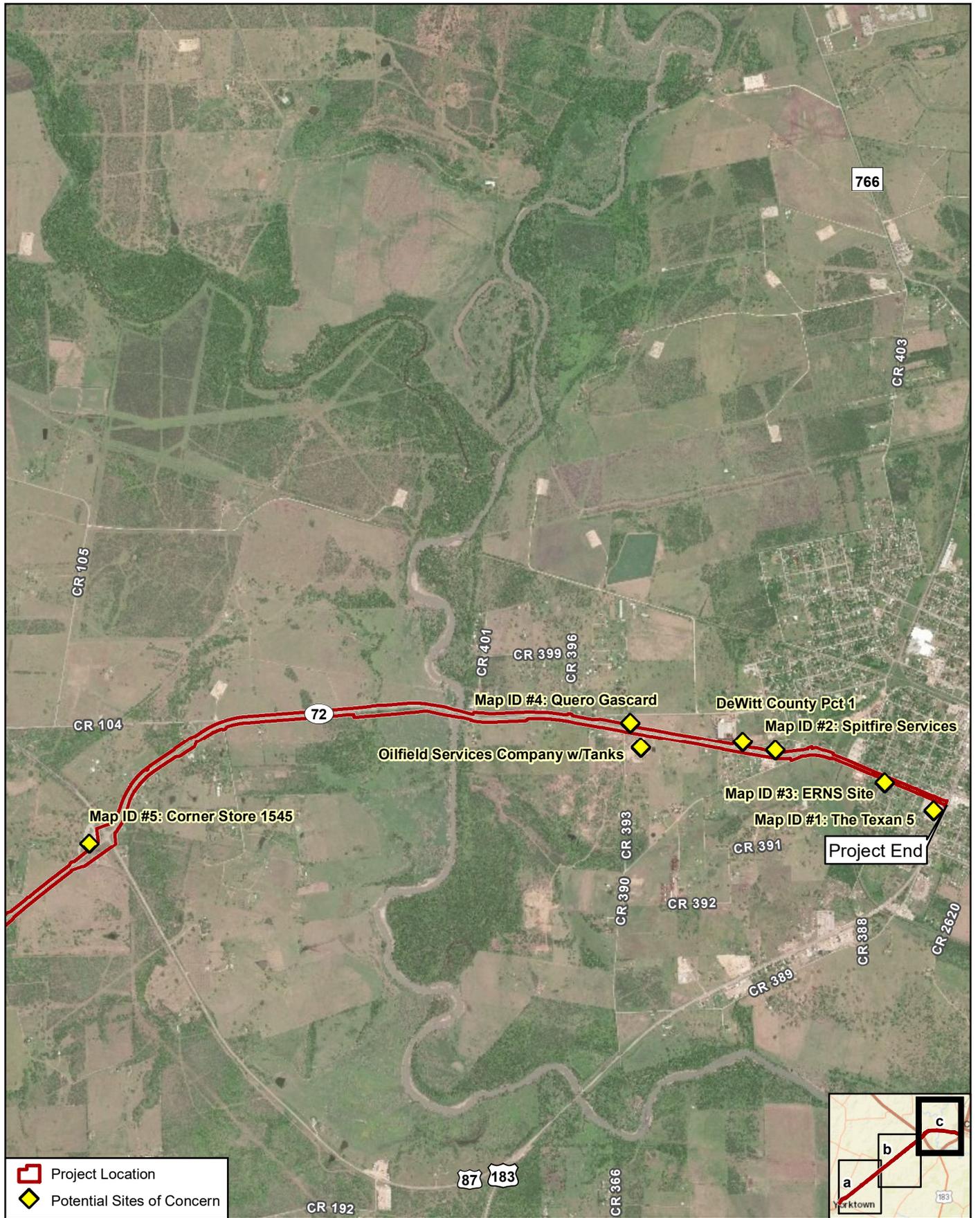


Figure 3c
Potential Sites of Concern

SH 72: FM 237 to US 87

CSJ: 0270-01-051, 0271-10-014

0 3,000 Feet 1 in = 3,000 feet
 0 800 Meters Scale: 1:36,000
 Date: 8/1/2019

Data Source: GeoSearch (2019)
 Aerial Source: DigitalGlobe (2017)

Attachment 2: Site Photographs



PHOTO 1: MAP ID #1 IS THE TEXAN 5 RETAIL REFUELING STATION. FACING SOUTH.



PHOTO 2: THIS SITE APPEARS TO BE THE QUERO GASCARD STATION. THE ASTS LISTED CAN BE SEEN ABOVE IN THE BACKGROUND. VIEWING NORTH.



PHOTO 3: AN OILFIELD SERVICES COMPANY WITH ABOVE GROUND STORAGE TANKS WAS NOTED ACROSS FROM MAP ID #4 TO THE SOUTH. VIEWING SOUTHEAST.



PHOTO 4: ASTS WERE NOTED IN THE YARD OF THE FACILITY LOCATED WEST OF MAP ID #2. VIEWED NORTH.



PHOTO 5: MAP ID #2 WAS LISTED AS SPITFIRE SERVICES COMPANY. VIEWED NORTHEAST.



PHOTO 6: MAP ID #3 IS AN ERNS SITE WHICH WAS NOTED FOR A VAC TRUCK DUMPING INTO A HOLE IN THE GROUND. EVIDENCE WAS NOT PRESENT DURING THE SITE VISIT BUT DEBRIS WAS NOTED. VIEWED SOUTHEAST.



PHOTO 7: MAP ID #5 IS LISTED AS AN ACTIVE RETAIL GAS STATION. VIEWING WEST.



PHOTO 8: AN UNMAPPED AST SITE WAS NOTED ADJACENT TO THE ROW NEAR YORKTOWN, TEXAS. VIEWED NORTHWEST.

Attachment 3: Project Schematic

YOAKUM DISTRICT ENGINEER
 DIRECTOR OF TRANSPORTATION,
 PLANNING & DEVELOPMENT
 DESIGN SPEED 50 MPH
 FUNCTIONAL CLASS MINOR ARTERIAL
 FROM US 87 TO US 87/77A
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 2049 = 18,100
 ADT SH 72 FROM FM 237 TO US 87
 2019 = 5,100
 2049 = 9,500



LEGEND

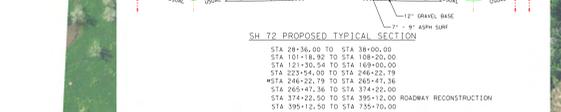
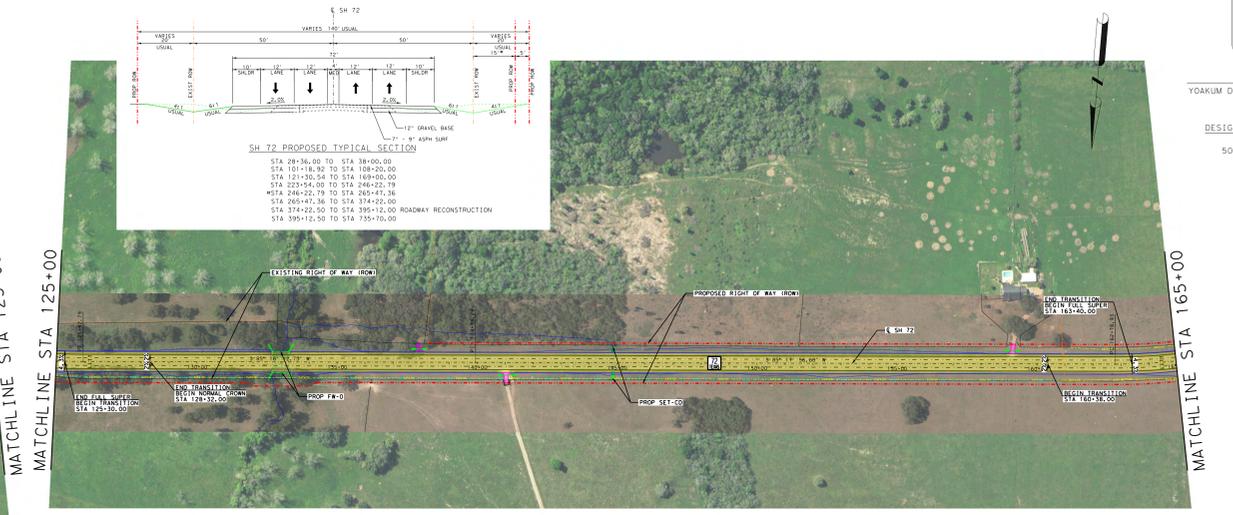
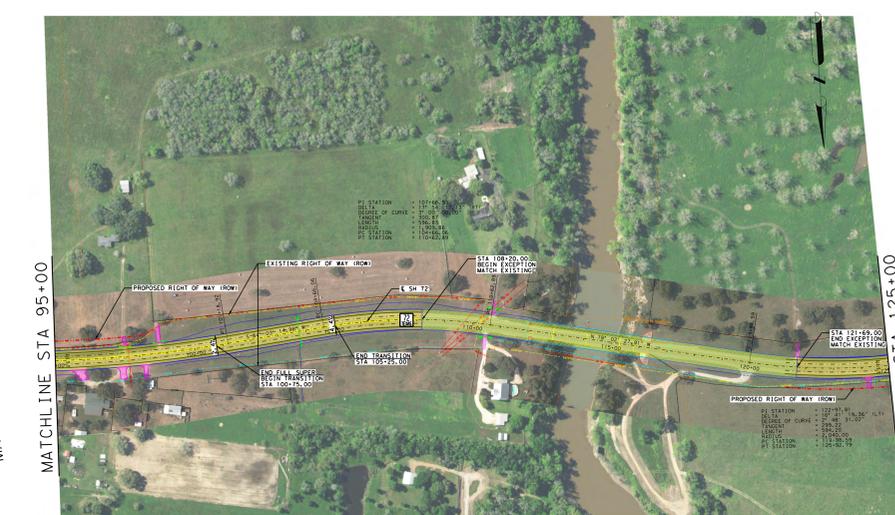
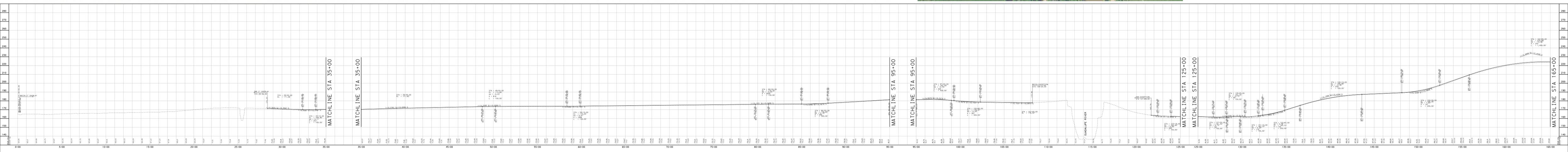
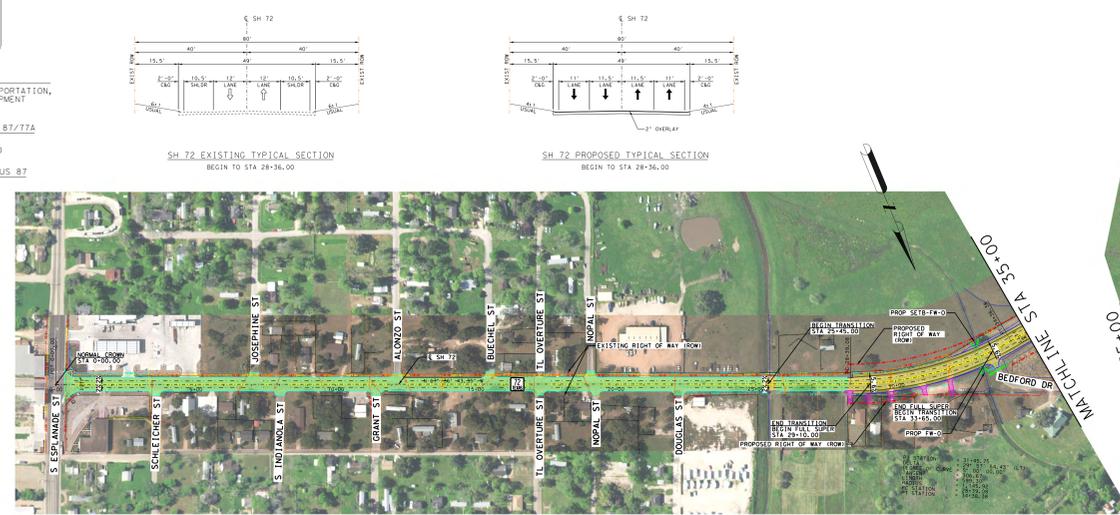
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- BURIED FIBER OPTIC
- BURIED CABLE
- GAS LINE
- OVERHEAD CABLE
- TRAFFIC FLOW DIRECTION
- PROPOSED ROADWAY
- PROPOSED DRIVEWAY
- CURRENT BRIDGE PROJECT
- PROPOSED OVERLAY
- ROADWAY RECONSTRUCTION

PROFILE LEGEND
 PROPOSED SH 72
 PROFILE GRADE LINE (PGL)
 EXISTING NATURAL GROUND
 AT PROPOSED SH 72 CENTERLINE
 PROPOSED CULVERT CROSSING



SH 72
 SCHEMATIC LAYOUT
 F-12040

SHEET 1 OF 5	PROJECT NO.	SHEET NO.
6		
STATE	DIST.	COUNTY
TEXAS	YKM	DEWITT
CONT.	SECT.	JOB
0270	01	051, ETC.
		SH 72



YOAKUM DISTRICT ENGINEER
 DIRECTOR OF TRANSPORTATION,
 PLANNING & DEVELOPMENT
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 2049 = 9,500



LEGEND

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- EXISTING ROW
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- BURIED CABLE
- GAS LINE
- OVERHEAD CABLE
- TRAFFIC FLOW DIRECTION
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PROFILE LEGEND
 PROPOSED SH 72
 PROFILE GRADE LINE (PGL)
 EXISTING NATURAL GROUND
 AT PROPOSED SH 72 CENTERLINE
 PROPOSED CULVERT CROSSING



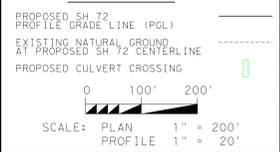
SH 72
 SCHEMATIC LAYOUT
 F-12040

SHEET 1 OF 5	PROJECT NO.	SHEET NO.
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0270	01	051, ETC.
		SH 72

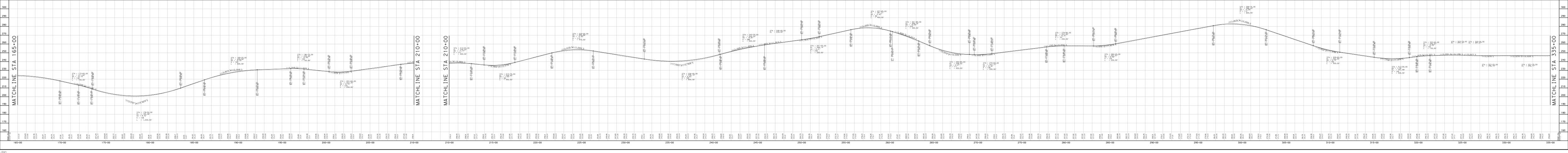
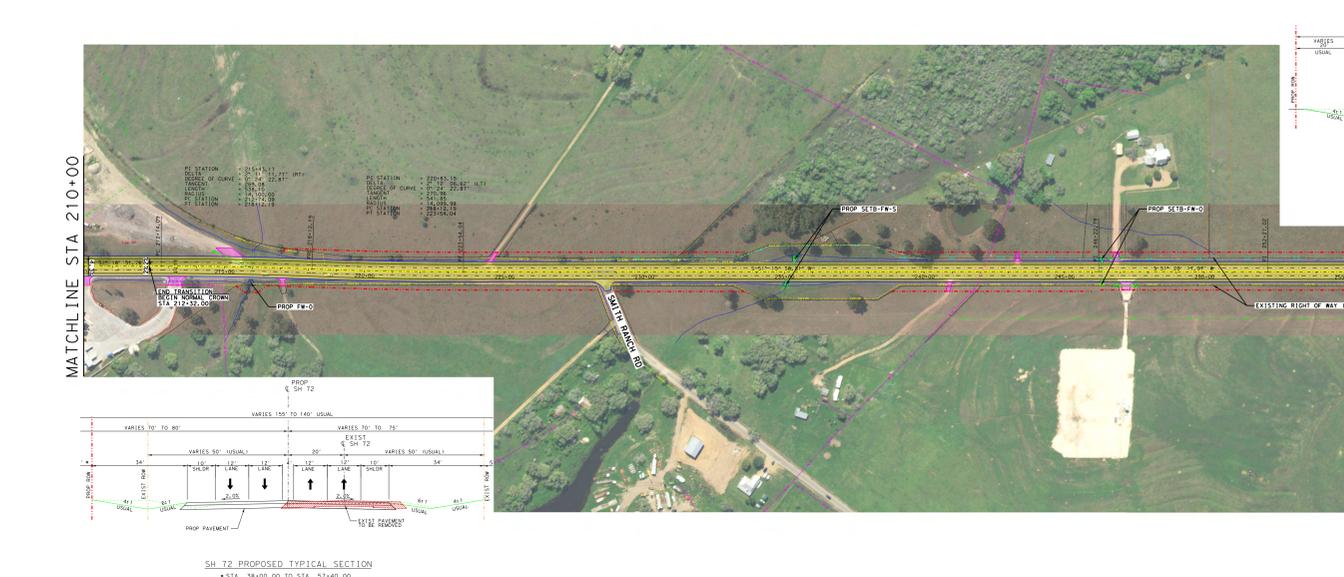
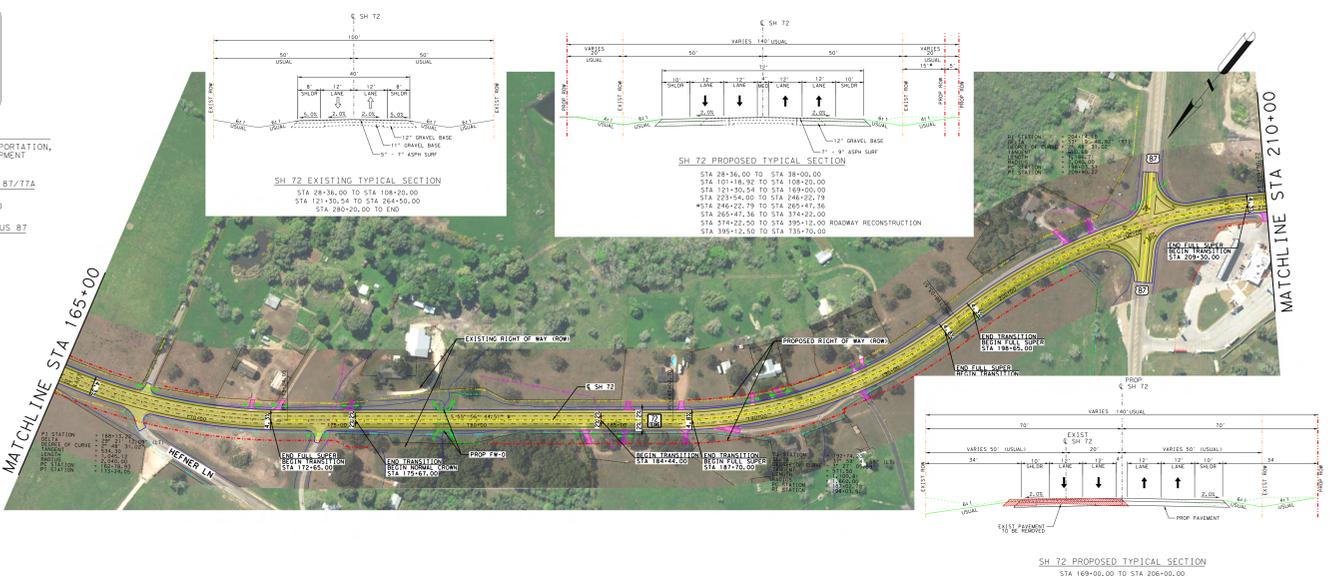
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 - OVERHEAD CABLE
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 - ROADWAY RECONSTRUCTION



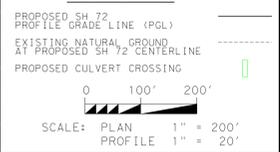
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SH 72 SCHEMATIC LAYOUT
 SHEET 2 OF 5
 PROJECT NO. COUNTY SHEET NO.
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 - BURIED CABLE
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F-12040
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 6 DEWITT 160
 DATE DIST. COUNTY
 0270 01 051, ETC SH 72

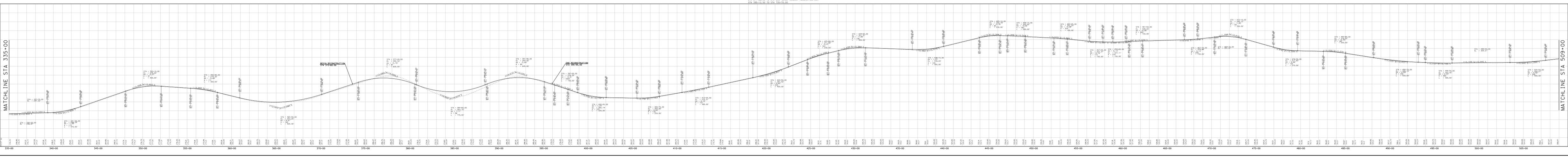
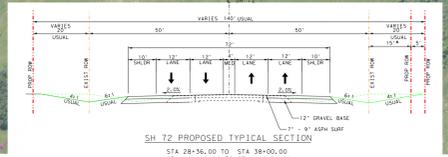
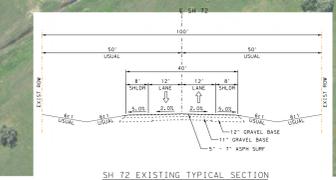
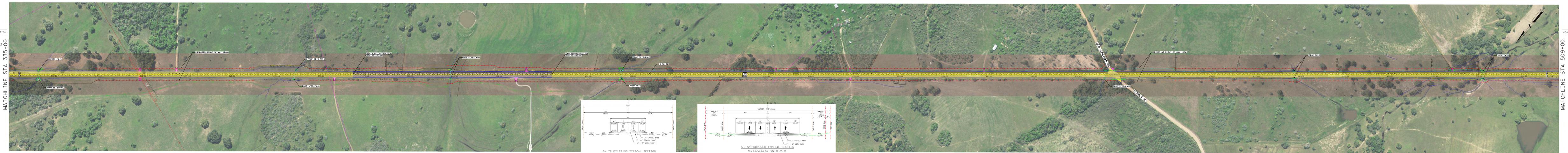
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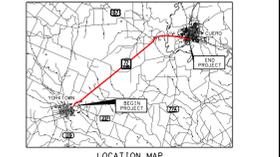
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- PROFILE LEGEND**
- PROPOSED SH 72 PROFILE GRADE LINE (PGL)
 - EXISTING NATURAL GROUND AT PROPOSED SH 72 CENTERLINE
 - PROPOSED CULVERT CROSSING
- SCALE: PLAN 1" = 200'
 PROFILE 1" = 20'


SH 72
F-12040
SCHEMATIC LAYOUT
 SHEET 3 OF 5
 PROJECT NO. COUNTY
 TEXAS DIST. DEWITT
 0270 SECT. 01 JOB 051, ETC. HIGHWAY NO. SH 72



YOAKUM DISTRICT ENGINEER
 DIRECTOR OF TRANSPORTATION,
 PLANNING & DEVELOPMENT
 DESIGN SPEED 50 MPH
 FUNCTIONAL CLASS MINOR ARTERIAL
 FROM US 87 TO US 87/77A
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 FROM FM 237 TO US 87
 2019 = 5,100
 2049 = 9,500



- LEGEND**
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 - EXISTING NATURAL GROUND AT PROPOSED SH 72 CENTERLINE
 - PROPOSED CULVERT CROSSING
- SCALE: PLAN 1" = 200'
 PROFILE 1" = 20'


SH 72
F-12040
SCHEMATIC LAYOUT
 SHEET 3 OF 5
 PROJECT NO. COUNTY
 TEXAS DIST. DEWITT
 0270 SECT. 01 JOB 051, ETC. HIGHWAY NO. SH 72

YOAKUM DISTRICT ENGINEER: _____
 DIRECTOR OF TRANSPORTATION, PLANNING & DEVELOPMENT

DESIGN SPEED: 50 MPH
 FUNCTIONAL CLASS: MINOR ARTERIAL
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LEGEND

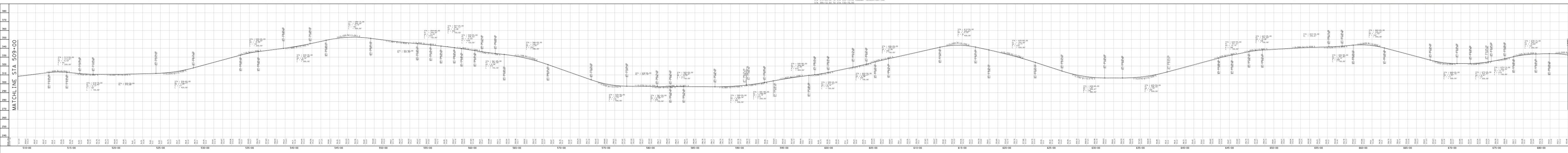
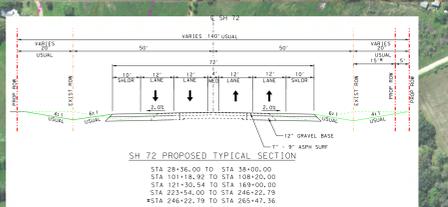
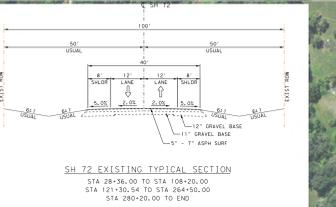
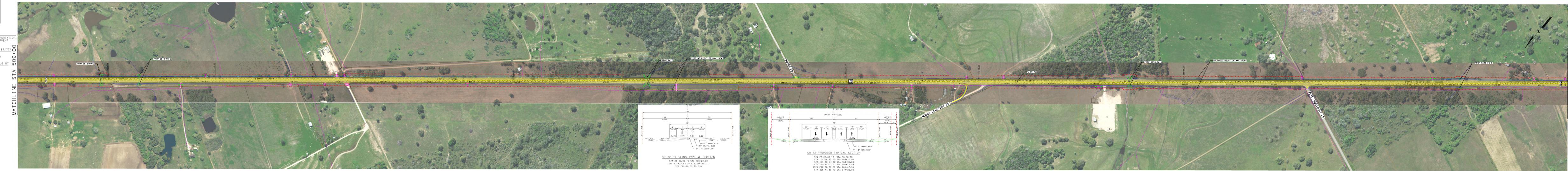
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 EXISTING NATURAL GROUND AT PROPOSED SH 72 CENTERLINE
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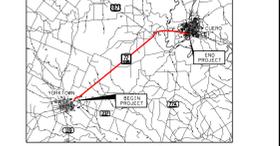
SH 72 SCHEMATIC LAYOUT

SHEET 4 OF 5		PROJECT NO.		SHEET NO.	
DATE	BY	DATE	BY	DATE	BY
0270	01	051, ETC.	SH 72		



YOAKUM DISTRICT ENGINEER: _____
 DIRECTOR OF TRANSPORTATION, PLANNING & DEVELOPMENT

DESIGN SPEED: 50 MPH
 FUNCTIONAL CLASS: MINOR ARTERIAL
 FROM US 87 TO US 87/77A
 2019 = 9,500
 2049 = 18,100
 ADT SH 72 FROM FM 237 TO US 87
 2019 = 5,100
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LEGEND

- PROPOSED ROW
- EXISTING ROW
- BURIED FIBER OPTIC
- BURIED CABLE
- GAS LINE
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PROFILE LEGEND
 PROPOSED SH 72 PROFILE GRADE LINE (PGL)
 EXISTING NATURAL GROUND AT PROPOSED SH 72 CENTERLINE
 PROPOSED CULVERT CROSSING
 SCALE: PLAN 1" = 200'
 PROFILE 1" = 20'



SH 72 SCHEMATIC LAYOUT

SHEET 4 OF 5		PROJECT NO.		SHEET NO.	
DATE	BY	DATE	BY	DATE	BY
0270	01	051, ETC.	SH 72		

SH 72
 CSH 0270-01-051, ETC.
 PRELIMINARY DESIGN SCHEMATIC
 COUNTY
 LIMITS: FM 237 TO US 87/77A
 PROJECT LENGTH: 14.50 MILES
YOAKUM DISTRICT

YOAKUM DISTRICT ENGINEER
 DIRECTOR OF TRANSPORTATION,
 PLANNING & DEVELOPMENT
 DESIGN SPEED FUNCTIONAL CLASS FROM US 87 TO US 87/77A
 50 MPH MINOR ARTERIAL 2019 = 9,500
 2049 = 18,100
 ADT SH 72 FROM FM 237 TO US 87
 2019 = 5,100
 2049 = 9,500



LEGEND

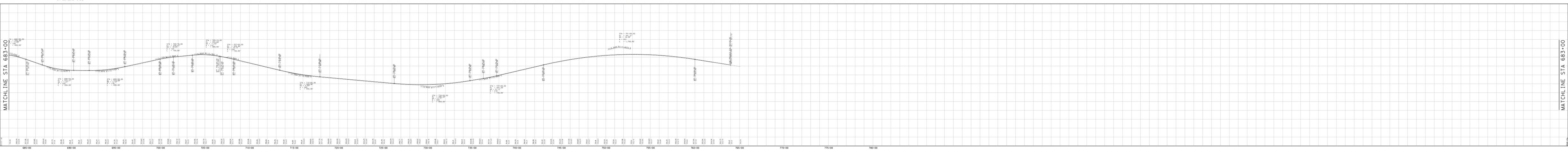
- PROPOSED ROW
- EXISTING ROW
- BURIED FIBER OPTIC
- BURIED CABLE
- GAS LINE
- OVERHEAD CABLE
- TRAFFIC FLOW DIRECTION
- PROPOSED ROADWAY
- PROPOSED DRIVEWAY
- CURRENT BRIDGE PROJECT
- PROPOSED OVERLAY
- ROADWAY RECONSTRUCTION

PROFILE LEGEND
 PROPOSED SH 72
 PROFILE GRADE LINE (PGL)
 EXISTING NATURAL GROUND
 AT PROPOSED SH 72 CENTERLINE
 PROPOSED CULVERT CROSSING
 SCALE: PLAN 1" = 200'
 PROFILE 1" = 20'



SH 72 SCHEMATIC LAYOUT

SHEET 5 OF 5		PROJECT NO.	SHEET NO.
STATE	DIST.	COUNTY	
TEXAS	YKM	DEWITT	
CONTRACT	SECTION	JOB	HIGHWAY NO.
0270	01	051, ETC.	SH 72



SH 72
 CSH 0270-01-051, ETC.
 PRELIMINARY DESIGN SCHEMATIC
 COUNTY
 LIMITS: FM 237 TO US 87/77A
 PROJECT LENGTH: 14.50 MILES
YOAKUM DISTRICT

YOAKUM DISTRICT ENGINEER
 DIRECTOR OF TRANSPORTATION,
 PLANNING & DEVELOPMENT
 DESIGN SPEED FUNCTIONAL CLASS FROM US 87 TO US 87/77A
 50 MPH MINOR ARTERIAL 2019 = 9,500
 2049 = 18,100
 ADT SH 72 FROM FM 237 TO US 87
 2019 = 5,100
 2049 = 9,500



LEGEND

- PROPOSED ROW
- EXISTING ROW
- BURIED FIBER OPTIC
- BURIED CABLE
- GAS LINE
- OVERHEAD CABLE
- TRAFFIC FLOW DIRECTION
- PROPOSED ROADWAY
- PROPOSED DRIVEWAY
- CURRENT BRIDGE PROJECT
- PROPOSED OVERLAY
- ROADWAY RECONSTRUCTION

PROFILE LEGEND
 PROPOSED SH 72
 PROFILE GRADE LINE (PGL)
 EXISTING NATURAL GROUND
 AT PROPOSED SH 72 CENTERLINE
 PROPOSED CULVERT CROSSING
 SCALE: PLAN 1" = 200'
 PROFILE 1" = 20'



SH 72 SCHEMATIC LAYOUT

SHEET 5 OF 5		PROJECT NO.	SHEET NO.
STATE	DIST.	COUNTY	
TEXAS	YKM	DEWITT	
CONTRACT	SECTION	JOB	HIGHWAY NO.
0270	01	051, ETC.	SH 72

Attachment 4: Database Search

Prepared for:

COX MCLAIN ENVIRONMENTAL CONSULTING INC - Austin
8401 Shoal Creek Blvd, STE 100
Austin, TX 78757



Regulatory Database Report

ASTM E1527-13/AAI Compliant

SH 72 FM 237 to US 87

TX

ES-128287

Tuesday, June 12, 2018

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Geographic Summary

Location

TX

Target location is 14.34 miles in length

Coordinates

Longitude & Latitude in Degrees Minutes Seconds NA

Longitude & Latitude in Decimal Degrees NA

X and Y in UTM NA

Elevation

NA

Zip Codes Searched

Search Distance	Zip Codes (historical zip codes included)
Target Property	77954, 78164, 78111
0.25 miles	77954, 78164, 78111
0.5 miles	77954, 78164, 78111
1 mile	77954, 78164, 78111

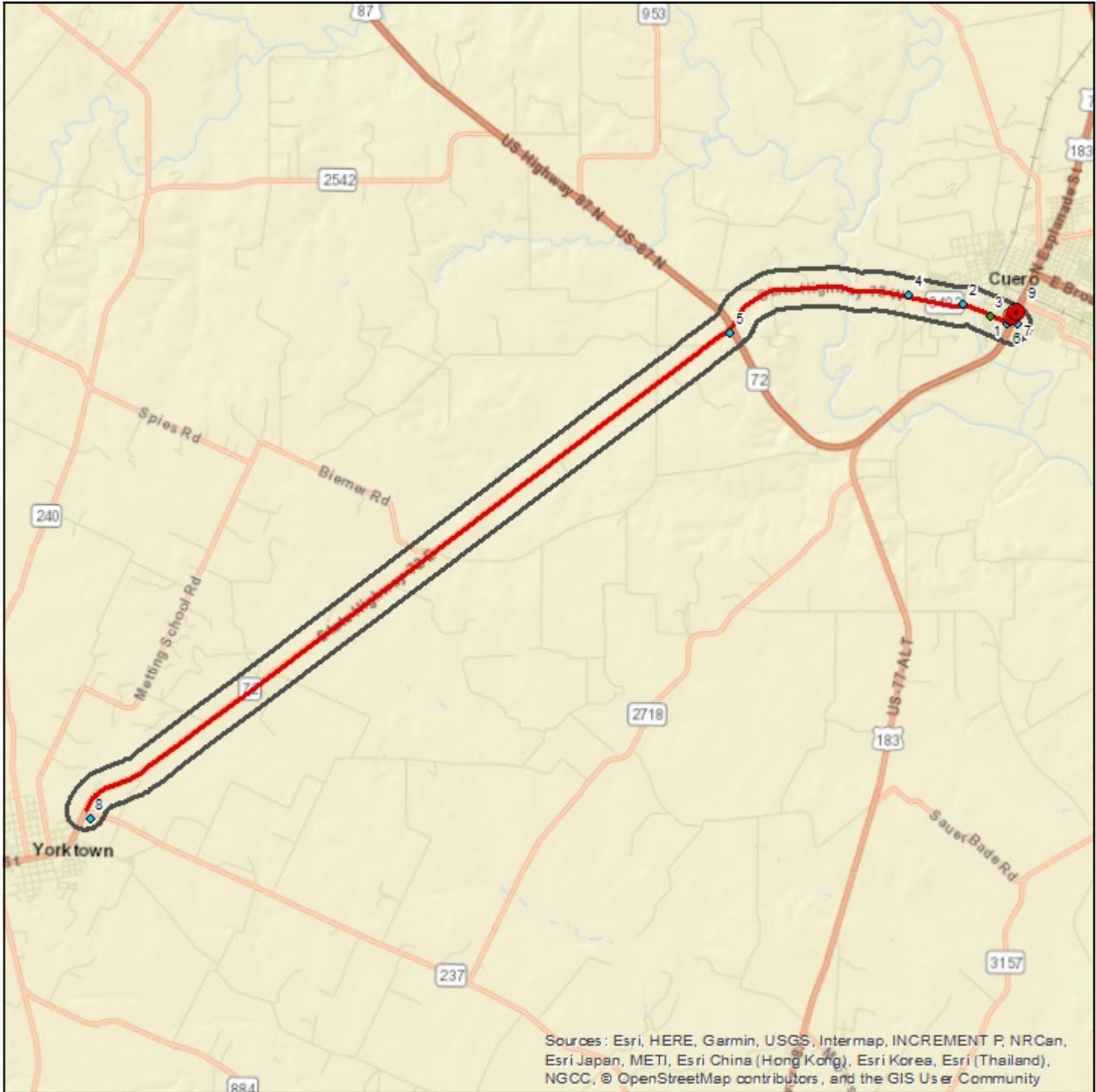
Topos Searched

Search Distance	Topo Name
Target Property	Blackwell Lake (1962), Cuero (1961), Yorktown East (1966)
0.25 miles	Blackwell Lake (1962), Cuero (1961), Yorktown East (1966)
0.5 miles	Blackwell Lake (1962), Cuero (1961), Yorktown East (1966)
1 mile	Blackwell Lake (1962), Cuero (1961), Yorktown West (1966), New Davy (1963), Yorktown East (1966)

Database Summary

Databases Searched	Distance Searched	# Mapped	# Not Mapped	Total
Federal - ASTM 1527-13/AAI Required				
National Priority List (NPL)	1	0	0	0
Delisted National Priority List (DNPL)	0.5	0	0	0
SEMS (CER SEMS)	0.5	0	0	0
SEMS NFRAP (CER SEMS NFRAP)	0.5	0	1	1
RCRA CORRACTS (RCRA COR)	1	0	0	0
RCRA non-CORRACTS TSD (RCRA TSD)	0.5	0	0	0
RCRA Generators (RCRA GEN)	0.25	1	0	1
Federal Brownfields (FED BWN)	0.5	0	0	0
Federal Institutional Control (FED IC)	0.5	0	0	0
Federal Engineering Control (FED EC)	0.5	0	0	0
ERNS List (ERNS)	0.25	1	1	2
State - ASTM 1527-13/AAI Required				
State/Tribal Equivalent NPL (ST NPL)	1	0	0	0
State/Tribal Equivalent CERCLIS (ST CER)	0.5	0	0	0
State/Tribal Disposal or Landfill (SWLF)	0.5	0	2	2
State/Tribal Leaking Storage Tank (LPST)	0.5	5	3	8
State/Tribal Storage Tank (PST)	0.25	7	6	13
State/Tribal Institutional Control (ST IC)	0.25	0	0	0
State/Tribal Engineering Control (ST EC)	0.5	0	0	0
State/Tribal Voluntary Cleanup (VCP)	0.5	0	0	0
State/Tribal Brownfield (ST BWN)	0.5	0	0	0
State/Tribal Hazardous Waste (HW)	0.25	0	1	1
Non-ASTM/AAI Required Databases				
RCRA (RCRA)	0.25	0	1	1
Dry Cleaners (DRYC)	0.25	0	0	0
State/Tribal Municipal Settings Designation (MS)	0.25	0	0	0
Total Sites Found		14	15	29

Summary Map - 0.25 Mile Buffer



SH 72 FM 237 to US 87

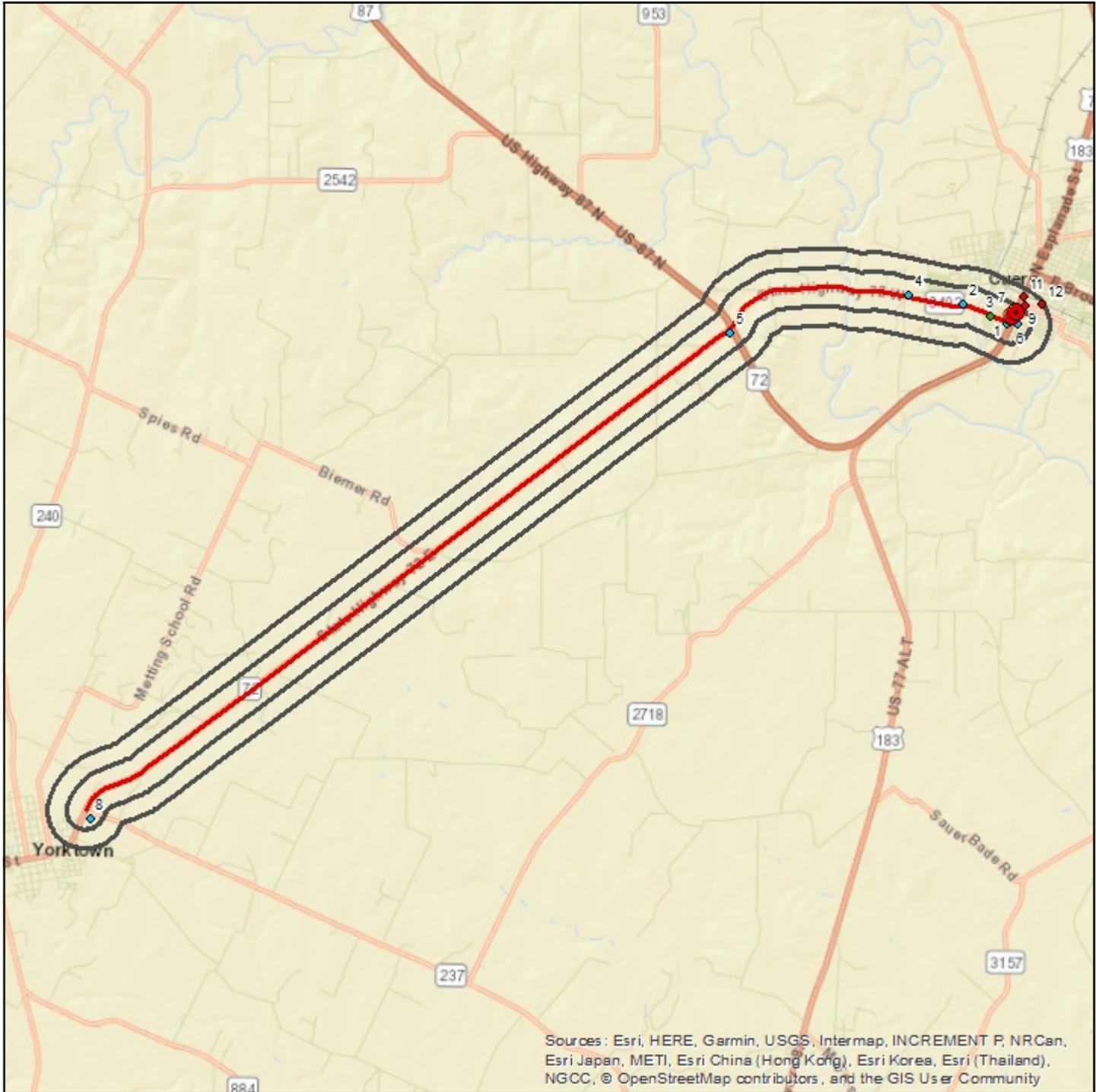
- | | | | | |
|--|---|---|--|--|
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | — Target Property |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | Search Buffer |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER
ERNS, HW, RCRA, DRYC

1 : 120,000
 1 inch = 1.894 miles
 1 inch = 10000 feet
 1 centimeter = 1.200 kilometers
 1 centimeter = 1200 meters

Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' 00" North
 Second Standard Parallel: 45° 00' 00" North
 Central Meridian: 96° 00' 00" West
 Latitude of Origin: 39° 00' 00" North



Summary Map - 0.5 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

SH 72 FM 237 to US 87

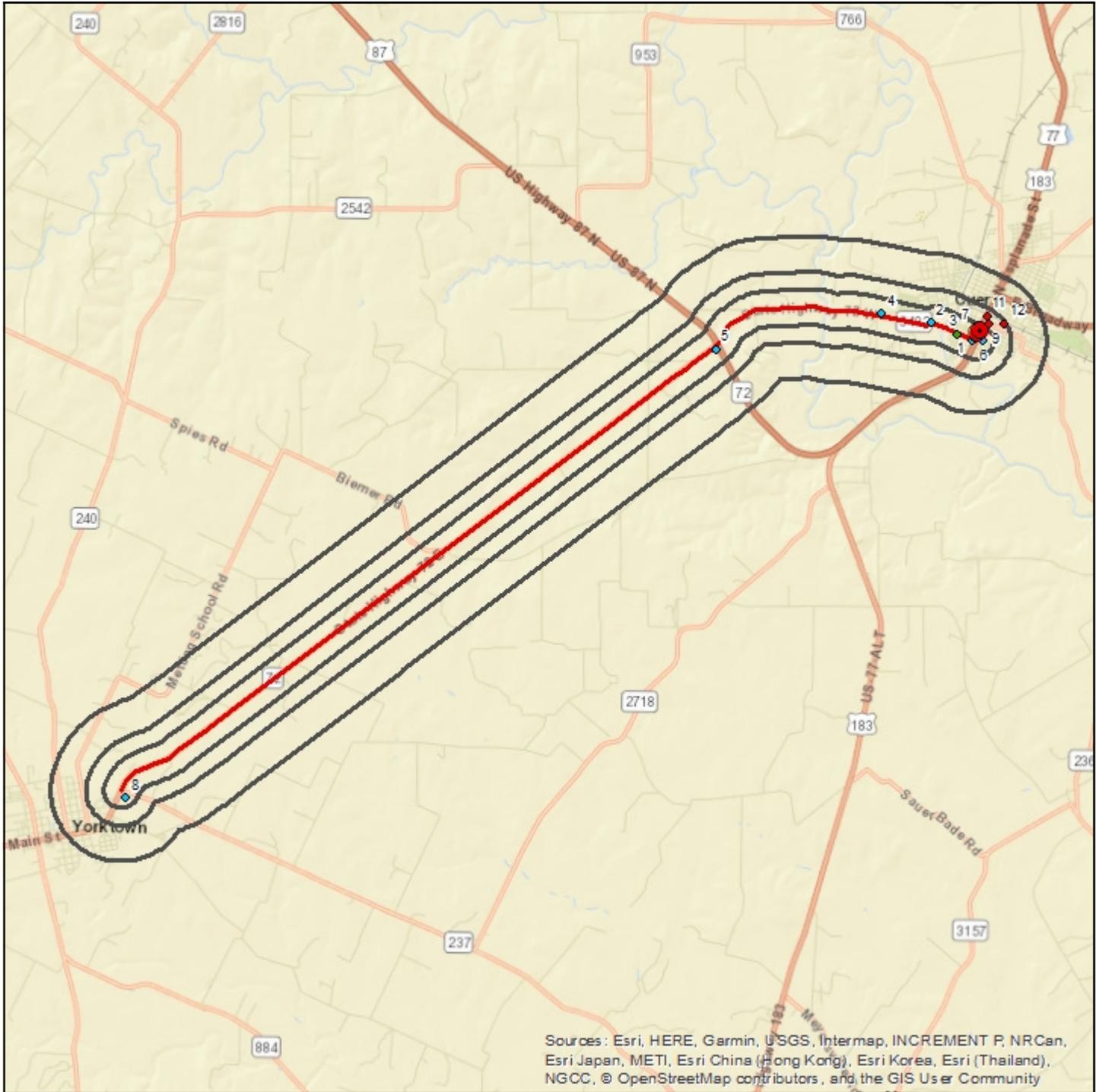
- | | | | | |
|--|---|---|--|--|
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | — Target Property |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | Search Buffer |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER
ERNS, HW, RCRA, DRYC

1 : 120,000
 1 inch = 1.894 miles
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 1 centimeter = 1200 meters



Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' North
 Second Standard Parallel: 45° 00' North
 Central Meridian: 96° 00' West
 Latitude of Origin: 39° 00' North

Summary Map - 1 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

SH 72 FM 237 to US 87

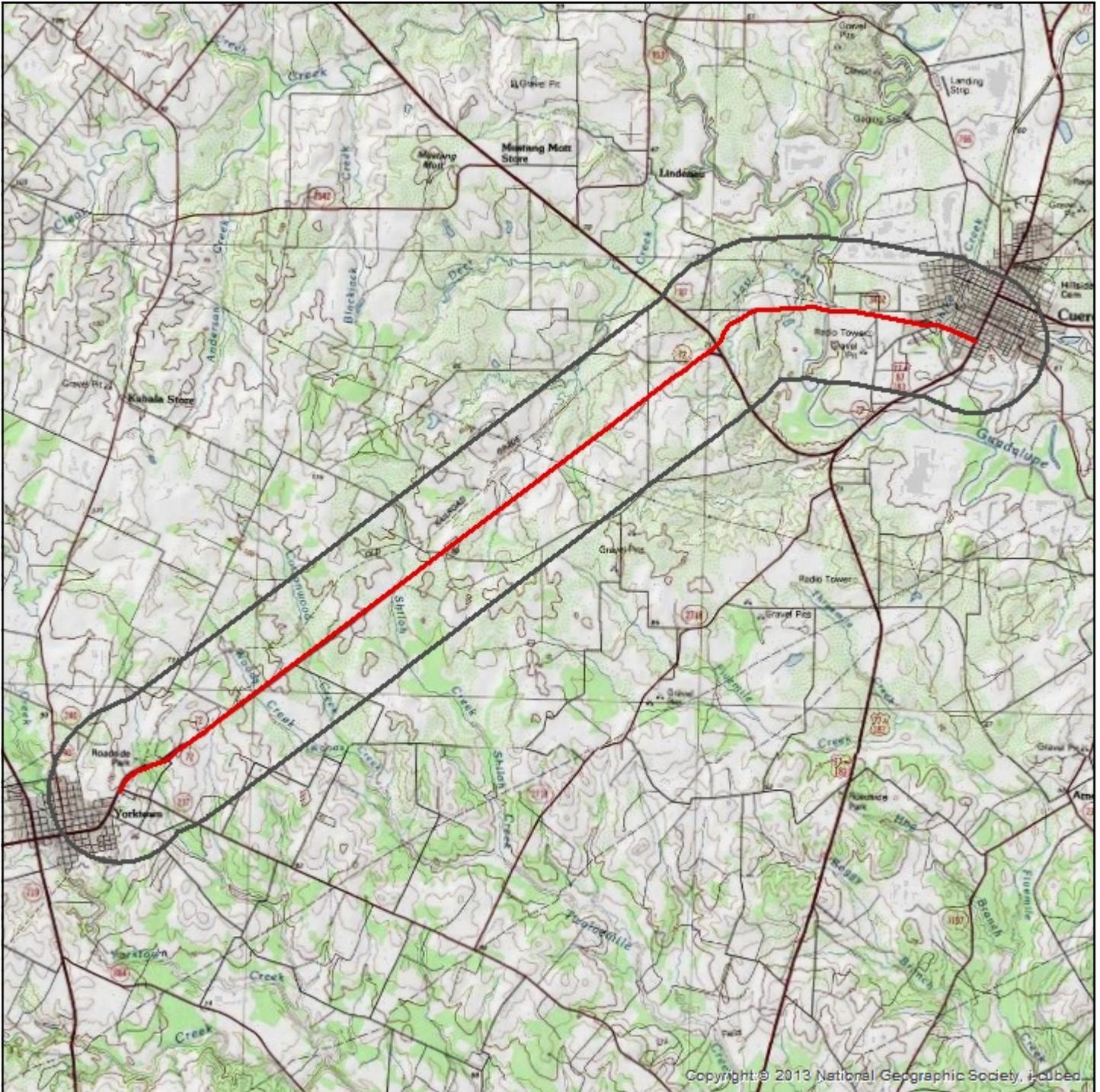
- | | | | | |
|--|---|--|--|--|
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | — Target Property |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | Search Buffer |
| ● Single Site | ● Cluster Site | ■ Large Tract | ● Cluster Site with Large Tract | |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF
● RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER
● ERNS, HW, RCRA, DRYC

1 : 130,000
 1 inch = 2.052 miles
 1 inch = 10833 feet
 1 centimeter = 1.300 kilometers
 1 centimeter = 1300 meters

Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' 00" North
 Second Standard Parallel: 45° 00' 00" North
 Central Meridian: 96° 00' 00" West
 Latitude of Origin: 39° 00' 00" North



Topographic Overlay Map - 1 Mile Buffer



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SH 72 FM 237 to US 87

- Target Property
- Search Buffer

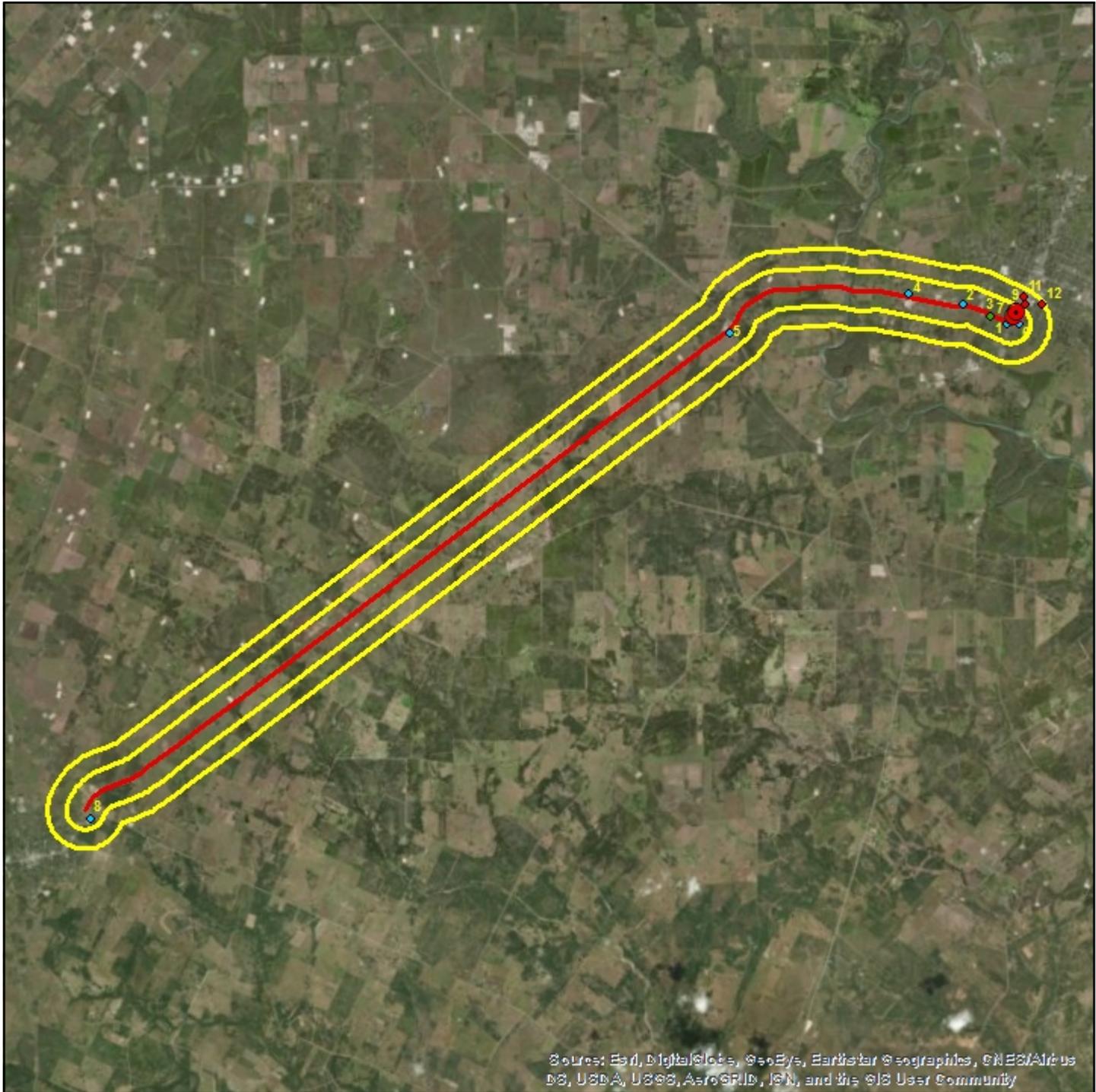
Target Property Quad Name(s)
[See Geographic Summary page for list](#)

1 : 130,000
1 inch = 2.052 miles
1 inch = 10833 feet

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33° 00' North
Second Standard Parallel: 45° 00' North
Central Meridian: 96° 00' West
Latitude of Origin: 39° 00' North



Current Imagery Overlay Map - 0.5 Mile Buffer



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

SH 72 FM 237 to US 87

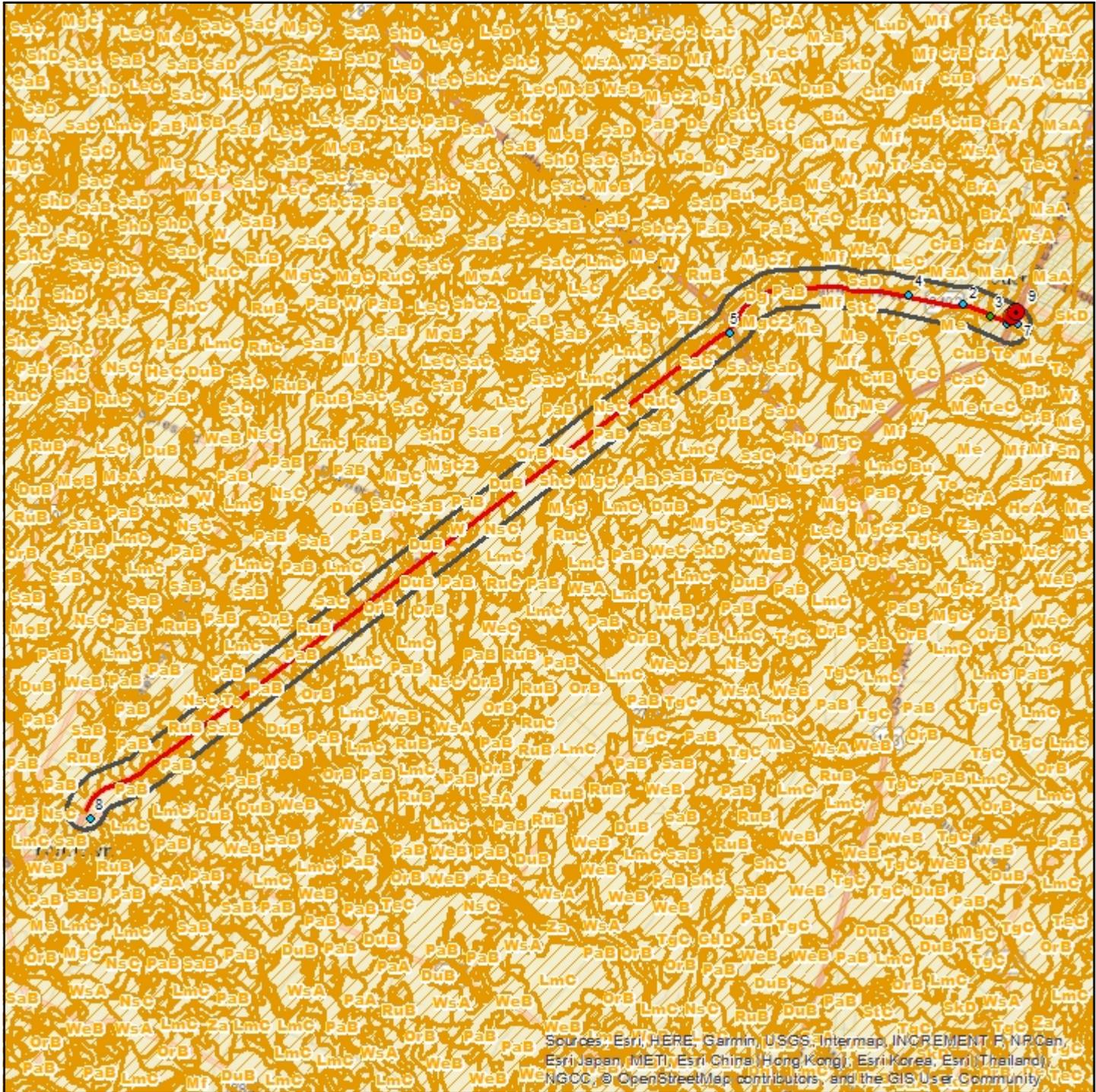
- | | | | | |
|-------------|--------------|-------------|-------------------------------|-----------------|
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | Target Property |
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | Search Buffer |
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER
ERNS, HW, RCRA, DRYC

1 : 120,000
 1 inch = 1.894 miles
 1 inch = 10000 feet
 1 centimeter = 1.200 kilometers
 1 centimeter = 1200 meters



Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 0' 00" North
 Second Standard Parallel: 45° 0' 00" North
 Central Meridian: 96° 0' 00" West
 Latitude of Origin: 39° 0' 00" North

Soil Survey Map - 0.25 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, EsriJapan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

SH 72 FM 237 to US 87

- Single Site
 - Cluster Site
 - Large Tract
 - Cluster Site with Large Tract
 - Single Site
 - Cluster Site
 - Large Tract
 - Cluster Site with Large Tract
 - Single Site
 - Cluster Site
 - Large Tract
 - Cluster Site with Large Tract
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*
- RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*
- ERNS, HW, RCRA, DRYC*

- Target Property
- Search Buffer
- ▨ Soils Boundary

1 : 120,000
 1 inch = 1.894 miles
 1 inch = 10000 feet
 1 centimeter = 1.200 kilometers
 1 centimeter = 1200 meters



Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' North
 Second Standard Parallel: 45° 00' North
 Central Meridian: 96° 00' West
 Latitude of Origin: 39° 00' North



Soils

Soils Types Found

Target Property

SaC, RuC, SbC2, Mf, MgC2, StC, PaB, NsC, To, SaB, LmC, SaB, RuB, RuC, WeC, LmC, PaB, DuB, RuB, PaB, SaB, DuB, PaB, RuB, Mf, LmC, OrB, PaB, LmC, RuB, W, Dg, RuB, PaB, MaA, LmC, MgC, RuB, PaB, PaB, LmC, RuB, NsC, SaB, MoB, PaA, NsC, RuC, LmC, DuB, LeC, NsC, SaC, RuB, PaB, FeC2, CuB, SaC, SaC, SbC2, PaB, SaC, OrB, SaD, WsA, SaB, SaB, SaC, TeC, LmC, RuC

Within 0.25 miles of Target Property

SbC2, PaB, Me, SaC, RuC, PaB, SbC2, Mf, RuB, Me, MgC, WeB, NsC, MgC2, StC, LmC, WeB, PaB, PaB, NsC, RuC, NsC, To, SaB, ShC, SaB, LmC, SaB, RuB, RuC, WeC, LmC, SaB, PaB, WeB, DuB, RuB, PaB, SaB, DuB, SaB, RuB, PaB, WsA, RuB, Mf, RuC, LmC, RuB, LmC, MgC, LmC, PaB, LmC, OrB, MgC, OrB, PaB, PaB, SaC, LmC, RuB, NsC, W, Dg, LmC, WeB, DuB, SbC2, RuB, PaB, MgC2, PaB, SaB, DuB, MaA, LmC, MgC, GdD, LmC, MgC, PaB, RuB, PaB, PaB, SaC, LmC, SaC, RuB, RuB, NsC, DuB, SaB, PaB, MoB, PaA, NsC, PaB, MgC, SaB, RuC, RuC, MaA, SaB, LmC, LmC, DuB, LeC, De, NsC, SaC, RuB, LmC, RuC, RuC, PaB, FeC2, OrB, MgC, CuB, LmC, SaC, DuB, SaB, Me, SaC, LeC, SbC2, SaC, SaB, SaC, PaB, SaC, MgC, OrB, SaD, W, PaB, LeC, SaC, WsA, SaB, SaB, Me, CuB, OrB, StC, SaC, TeC, LmC, OrB, TeC, RuB, MaA, SaB, RuB, SaC, RuC

Soil Type Descriptions

CuB - Cuero sandy clay loam, 0 to 2 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	160 cm

Cuero (88 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	102 to 203 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy clay loam	0 cm	20 cm	A-4, A-6	CL, SC
H2	Sandy clay loam	20 cm	71 cm	A-6, A-7	CL, SC
H3	Clay loam	71 cm	160 cm	A-6	CL, SC
H4	Variable	160 cm	229 cm		

Unnamed (12 percent)

De - Degola clay loam, occasionally flooded

Percent Hydric	3
Minimum Depth to Bedrock	

Degola (85 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	81 cm	A-6	CL, SC
H2	Clay loam	81 cm	183 cm	A-6	CL, SC

Unnamed (12 percent)

Unnamed, hydric (3 percent)

Dg - Degola soils, frequently flooded

Percent Hydric	3
Minimum Depth to Bedrock	

Degola (88 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Soils

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	76 cm	A-6	CL, SC
H2	Sandy clay loam	76 cm	178 cm	A-6	CL, SC

Unnamed (9 percent)

Unnamed, hydric (3 percent)

DuB - Denhawken-Elmendorf complex, 0 to 3 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

Denhawken (60 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	15 cm	A-6, A-7	CH, CL
H2	Clay loam	15 cm	71 cm	A-6, A-7	CH, CL
H3	Clay loam	71 cm	127 cm	A-7	CH, CL
H4	Clay loam	127 cm	152 cm	A-7	CH, CL
H5	Clay loam	152 cm	208 cm	A-7	CH, CL

Elmendorf (34 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	25 cm	A-6, A-7	CL
H2	Clay loam	25 cm	76 cm	A-7	CH, CL
H3	Clay loam	76 cm	203 cm	A-7	CH, CL

Unnamed (5 percent)

FeC2 - Ferris soils, 3 to 5 percent slopes, eroded

Percent Hydric 0

Minimum Depth to Bedrock

Ferris, eroded (88 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay	0 cm	20 cm	A-7-6	CH
H2	Clay	20 cm	122 cm	A-7-6	CH
H3	Clay	122 cm	157 cm	A-7-6	CH

Unnamed (12 percent)

GdD - Goldmire very gravelly soils, 1 to 8 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

Soils

Goldmire (92 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Very gravelly loamy sand	0 cm	8 cm	A-1	GM, GP, SM, SP
H2	Very gravelly sandy clay loam	8 cm	107 cm	A-2-7	GC, GP-GC, SC, SP-SC
H3	Gravelly sandy clay loam	107 cm	203 cm	A-2-7, A-7	GC, SC

Unnamed (2 percent)

LeC - Leemont clay, 3 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Leemont (88 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay	0 cm	13 cm	A-7-6	CH
H2	Clay	13 cm	127 cm	A-7-6	CH
H3	Clay	127 cm	203 cm	A-7-6	CH

Unnamed (12 percent)

LmC - Leming loamy fine sand, 0 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Leming (90 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loamy fine sand	0 cm	30 cm	A-2-4	SC-SM, SM
H2	Loamy fine sand	30 cm	66 cm	A-2-4	SC-SM, SM
H3	Sandy clay	66 cm	173 cm	A-6, A-7-6	CL, SC
H4	Loamy fine sand	173 cm	213 cm	A-6, A-7-6	CL, SC

Unnamed (10 percent)

MaA - Mabank fine sandy loam, 0 to 1 percent slopes

Percent Hydric	2
Minimum Depth to Bedrock	

Mabank (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	18 cm	A-4, A-6	CL, CL-ML, SC, SC-SM
H2	Clay	18 cm	142 cm	A-6, A-7	CH, CL
H3	Sandy clay loam	142 cm	213 cm	A-6, A-7	CH, CL

Soils

Unnamed (13 percent)

Unnamed, hydric (2 percent)

Me - Meguin silty clay loam, occasionally flooded

Percent Hydric 3

Minimum Depth to Bedrock

Meguin (85 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silty clay loam	0 cm	30 cm	A-6, A-7-6	CL
H2	Silty clay loam	30 cm	157 cm	A-6, A-7-6	CL

Unnamed (12 percent)

Unnamed, hydric (3 percent)

Mf - Meguin soils, frequently flooded

Percent Hydric 4

Minimum Depth to Bedrock

Meguin (88 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silty clay loam	0 cm	38 cm	A-6, A-7-6	CL
H2	Silty clay loam	38 cm	208 cm	A-6, A-7-6	CL

Unnamed (8 percent)

Unnamed, hydric (4 percent)

MgC - Miguel fine sandy loam, 3 to 5 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

Miguel (95 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	28 cm	A-2-4, A-4	SC, SC-SM, SM
BC	Sandy clay loam	109 cm	203 cm	A-6	CL, SC
Bt	Sandy clay	28 cm	84 cm	A-6, A-7-6	CH, CL, SC
Btk	Sandy clay loam	84 cm	109 cm	A-6, A-7-6	CL

Bryde (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	102 to 152 cm to Densic bedrock

Soils

Weesatche (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Wilco (1 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

MgC2 - Miguel fine sandy loam, 2 to 5 percent slopes, eroded

Percent Hydric	0
Minimum Depth to Bedrock	

Miguel, eroded (90 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	15 cm	A-2-4, A-4	SC, SC-SM, SM
BC	Sandy clay loam	109 cm	203 cm	A-6	CL, SC
Bt	Sandy clay	15 cm	84 cm	A-6, A-7-6	CH, CL, SC
Btk	Sandy clay loam	84 cm	109 cm	A-6, A-7-6	CL

Bryde (4 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	102 to 152 cm to Densic bedrock

Weesatche (4 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Wilco (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

MoB - Monteola clay, 1 to 3 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Monteola (90 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	31 cm	A-7-6	CH
BCKy	Clay	127 cm	203 cm	A-7-6	CH
Bkss	Clay	66 cm	127 cm	A-7-6	CH
Bss	Clay	31 cm	66 cm	A-7-6	CH

Soils

Coy (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Pernitas (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Schattel (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	102 to 152 cm to Densic bedrock

Unnamed, hydric (1 percent)

Hydrologic Group	
Soil Drainage Class	Poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

NsC - Nusil-Rhymes association, 0 to 5 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Nusil (50 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sand	0 cm	51 cm	A-2-4	SC-SM, SM, SP-SM
BC	Sandy clay loam	152 cm	203 cm	A-2-4, A-6	CL, SC
Bt	Sandy clay loam	76 cm	152 cm	A-2-4, A-6	CL, SC
E	Fine sand	51 cm	76 cm	A-2-4	SC-SM, SM, SP-SM

Rhymes (35 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Somewhat excessively drained
Corrosion Potential - Uncoated Steel	Low
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sand	0 cm	18 cm	A-2-4	SC-SM, SM, SP-SM
Bt	Sandy clay loam	127 cm	203 cm	A-2-4, A-4, A-6	CL, SC
E	Fine sand	18 cm	127 cm	A-2-4	SC-SM, SM, SP-SM

Wilco (8 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Soils

Papalote (6 percent)

Hydrologic Group	
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Unnamed, hydric (1 percent)

Hydrologic Group	
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

OrB - Orelia fine sandy loam, 0 to 2 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Orelia (88 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	10 cm	A-2, A-4, A-6	CL, CL-ML, SC, SC-SM
H2	Sandy clay loam	10 cm	41 cm	A-6, A-7	CL, SC
H3	Sandy clay loam	41 cm	203 cm	A-6, A-7, A-7-6	CL

Unnamed (12 percent)

PaA - Papalote fine sandy loam, 0 to 1 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Papalote (90 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	41 cm	A-2-4, A-4	SC, SC-SM, SM
Bck	Sandy clay loam	124 cm	203 cm	A-4, A-6, A-7-6	CL, SC
Bt	Sandy clay	41 cm	97 cm	A-7-6	CH, CL, SC
Btk	Sandy clay loam	97 cm	124 cm	A-6, A-7-6	CH, CL, SC

Runge (6 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Clareville (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Soils

Unnamed, hydric (1 percent)

Hydrologic Group	
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

PaB - Papalote fine sandy loam, 1 to 3 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Papalote (90 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	23 cm	A-2-4, A-4	SC, SC-SM, SM
Bck	Sandy clay loam	122 cm	203 cm	A-4, A-6, A-7-6	CL, SC
Bt	Sandy clay	23 cm	102 cm	A-7-6	CH, CL, SC
Btk	Sandy clay loam	102 cm	122 cm	A-6, A-7-6	CH, CL, SC

Runge (6 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Clareville (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Unnamed, hydric (1 percent)

Hydrologic Group	
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

RuB - Runge fine sandy loam, 1 to 3 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Runge (90 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	30 cm	A-2-4, A-4	CL, SC, SC-SM, SM
Bk	Fine sandy loam	111 cm	203 cm	A-2-4, A-4, A-6, A-7-6	CL, SC, SC-SM, SM
Bt	Sandy clay loam	30 cm	111 cm	A-6, A-7-6	CL, SC

Papalote (4 percent)

Hydrologic Group	
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Soils

Sarnosa (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Monteola (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Tiocano (1 percent)

Hydrologic Group	
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

RuC - Runge fine sandy loam, 2 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Runge (90 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	30 cm	A-2-4, A-4	CL, SC, SC-SM, SM
Bk	Fine sandy loam	111 cm	203 cm	A-2-4, A-4, A-6, A-7-6	CL, SC, SC-SM, SM
Bt	Sandy clay loam	30 cm	111 cm	A-6, A-7-6	CL, SC

Sarnosa (4 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Monteola (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Shiner (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

SaB - Sarnosa fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Sarnosa (88 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Soils

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	41 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bck	Fine sandy loam	132 cm	203 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bk	Fine sandy loam	41 cm	132 cm	A-2-4, A-4, A-6	SC, SC-SM, SM

Colibro (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Weesatche (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Papalote (2 percent)

Hydrologic Group	
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

SaC - Sarnosa fine sandy loam, 2 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Sarnosa (90 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	41 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bck	Fine sandy loam	132 cm	203 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bk	Fine sandy loam	41 cm	132 cm	A-2-4, A-4, A-6	SC, SC-SM, SM

Colibro (4 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Pernitas (4 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Shiner (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

SaD - Sarnosa fine sandy loam, 5 to 8 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Soils

Sarnosa (90 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	41 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bck	Fine sandy loam	132 cm	203 cm	A-2-4, A-4, A-6	SC, SC-SM, SM
Bk	Fine sandy loam	41 cm	132 cm	A-2-4, A-4, A-6	SC, SC-SM, SM

Colibro (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Shiner (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

Pernitas (2 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

SbC2 - Sarnosa soils, 3 to 5 percent slopes, eroded

Percent Hydric	0
Minimum Depth to Bedrock	

Sarnosa, eroded (90 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	30 cm	A-2-6, A-2-7, A-6	SC
H2	Sandy clay loam	30 cm	152 cm	A-2-6, A-2-7, A-6	SC
H3	Sandy clay loam	152 cm	203 cm	A-2-4, A-4	SC, SC-SM

Unnamed (10 percent)

ShC - Shiner fine sandy loam, 1 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	41 cm

Shiner (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	15 cm	A-2-4, A-2-6, A-4	SC, SC-SM
H2	Gravelly fine sandy loam	15 cm	41 cm	A-2-4, A-2-6, A-4	GC, GC-GM, GP-GC, SC
H3	Stratified weathered bedrock to fine sandy loam	41 cm	178 cm		
H4	Sandy loam	178 cm	203 cm	A-2-4, A-2-6, A-4	SC, SC-SM

Soils

Unnamed (15 percent)

StC - Straber loamy fine sand, 1 to 5 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

Straber (85 percent)

Hydrologic Group High runoff potential
 Soil Drainage Class Moderately well drained
 Corrosion Potential - Uncoated Steel High
 Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Loamy fine sand	0 cm	20 cm	A-2-4	SM
BCK	Clay loam	165 cm	203 cm	A-6, A-7-6	CL, ML
Bt1	Sandy clay	36 cm	61 cm	A-7-5, A-7-6	MH, SC, SM
Bt2	Sandy clay	61 cm	165 cm	A-6, A-7-5	MH, SC
E	Loamy fine sand	20 cm	36 cm	A-2-4	SM

Tremona (10 percent)

Hydrologic Group Low runoff potential
 Soil Drainage Class Somewhat poorly drained
 Corrosion Potential - Uncoated Steel High
 Depth to Restrictive Feature

Dubina (3 percent)

Hydrologic Group Moderately high runoff potential
 Soil Drainage Class Moderately well drained
 Corrosion Potential - Uncoated Steel Moderate
 Depth to Restrictive Feature

Hallettsville (2 percent)

Hydrologic Group High runoff potential
 Soil Drainage Class Moderately well drained
 Corrosion Potential - Uncoated Steel Moderate
 Depth to Restrictive Feature

TeC - Tremona loamy fine sand, 1 to 5 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

Tremona (85 percent)

Hydrologic Group Low runoff potential
 Soil Drainage Class Somewhat poorly drained
 Corrosion Potential - Uncoated Steel High
 Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Loamy fine sand	0 cm	27 cm	A-2-4, A-4	SC-SM, SM
Bt/C	Sandy clay loam	100 cm	203 cm	A-6, A-7-6	CH, CL, SC
Btg1	Clay	67 cm	79 cm	A-7-6	CH, CL
Btg2	Sandy clay	79 cm	100 cm	A-7-6	CH, CL, SC
E	Loamy fine sand	27 cm	67 cm	A-2-4, A-4	SC-SM, SM

Catilla (10 percent)

Hydrologic Group Low runoff potential
 Soil Drainage Class Moderately well drained
 Corrosion Potential - Uncoated Steel Moderate
 Depth to Restrictive Feature

Soils

Straber (5 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

To - Trinity clay, occasionally flooded

Percent Hydric	3
Minimum Depth to Bedrock	

Trinity (88 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay	0 cm	183 cm	A-7-6	CH

Unnamed (9 percent)

Unnamed, hydric (3 percent)

W - Water

Percent Hydric	0
Minimum Depth to Bedrock	

Water (100 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

WeB - Weesatche sandy clay loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Weesatche (85 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Sandy clay loam	0 cm	20 cm	A-6	CL, SC
Bck	Loam	127 cm	203 cm	A-4, A-6	CL, SC
Bk	Sandy clay loam	76 cm	127 cm	A-4, A-6, A-7-6	CL, SC
Bt	Sandy clay loam	20 cm	76 cm	A-6, A-7-6	CL, SC

Clareville (5 percent)

Pernitas (5 percent)

Papalote (3 percent)

Goliad (2 percent)

Hydrologic Group	
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	58 to 85 cm to Petrocalcic



Soils

WeC - Weesatche sandy clay loam, 3 to 5 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Weesatche (85 percent)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Sandy clay loam	0 cm	20 cm	A-6	CL, SC
B _{Ck}	Loam	127 cm	203 cm	A-4, A-6	CL, SC
B _k	Sandy clay loam	76 cm	127 cm	A-4, A-6, A-7-6	CL, SC
B _t	Sandy clay loam	20 cm	76 cm	A-6, A-7-6	CL, SC

Papalote (5 percent)

Pernitas (5 percent)

Sarnosa (5 percent)

WsA - Wilson clay loam, 0 to 1 percent slopes	
Percent Hydric	3
Minimum Depth to Bedrock	

Wilson (88 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	23 cm	A-6, A-7-6	CL
H2	Clay	23 cm	112 cm	A-7-6	CH, CL
H3	Clay	112 cm	152 cm	A-6, A-7-6	CH, CL

Unnamed (9 percent)

Unnamed, hydric (3 percent)

Soils Descriptions

AASHTO Classification Definitions

A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), some fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

Unified Classification Definitions

CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

Source

Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

Disclaimer

This Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) and the Soil Survey Geographic Database (SSURGO). All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.

Water & Oil/Gas Wells

Map ID	Well ID	Owner	Well Type	Elevation
1	331167	Clarence Wessels	Water: Domestic	274 ft
2	344228	Doug Miller	Water: Public Supply	234 ft
2	G0620028A	VALERO CORNER STORE 1545	Water: Public Supply	226 ft
3	272444	Kerwin Kahlich	Water: Domestic	315 ft
4	219649	Pioneer Natural	Water: Rig Supply	301 ft
4	4212332296	PIONEER NATURAL RES. USA INC.	Horz. Drainhole	304 ft
5	235734	Bill Thibodeaux	Water: Domestic	195 ft
6	67-61-601	Blackwell Estate	Water: Stock	285 ft
7	67-61-801	F.A. Broll Estate	Water: Unused	326 ft
8	343137	Curtis Koenig	Water: Domestic	198 ft
9	G0620023A	DOUBLE D RV PARK 1	Water: Public Supply	333 ft
10	154241	Travis Smith	Water: Domestic	174 ft
11	4212332331	PIONEER NATURAL RES. USA INC.	Horz. Drainhole	270 ft
12	67-61-804	James M. Freeman	Water: n/a	319 ft
13	67-62-215	S.b. Stock	Water: Domestic	172 ft
14	373477	PETE DLUGOSCH	Water: Industrial	171 ft
15	42123		Dry Hole	207 ft
16	380725	Rose Elizabeth Woods McDonald	Water: Domestic	297 ft
17	299998	JAMES BURDA	Water: Domestic	322 ft
18	337856	Pioneer Natural Resources	Water: Rig Supply	263 ft
19	177589	R F Blackwell Estate	Water: Domestic	316 ft
20	67-62-214	S.B. Stock	Water: Unused	171 ft
21	285780	PYOTE WATER SYSTEM II, LLC	Water: Rig Supply	175 ft
21	4212332683	PYOTE WELL SERVICE LLC	Injection / Disposal	174 ft
22	67-61-602	Clifton Weber	Water: Stock	235 ft
23	4212332323	PIONEER NATURAL RES. USA INC.	Horz. Drainhole	201 ft
23	4212332323		Horz. Drainhole	201 ft
24	67-61-802	F.A. Broll Estate	Water: Domestic	315 ft
25	337886	Pioneer Natural Resources	Water: Rig Supply	192 ft
26	380570	Curtis L. Koenig	Water: Stock	209 ft
27	199482	Michael Poenitzsch	Water: Domestic	221 ft
28	199284	Michael Dale Poenitzsch	Water: Domestic	221 ft
29	217846	Schlinke, Charlie	Water: Domestic	184 ft
29	217842	Bell, James	Water: Domestic	181 ft
30	339905	Arthur R. Gonzales	Water: Stock	218 ft
31	4212330826	TUCKER ENERGY CORPORATION	Plugged Gas	321 ft
32	314133	Mary Gwosdz	Water: Domestic	318 ft
33	303806	James M Freeman	Water: Domestic	315 ft
34	286517	Richard Gonzales	Water: Domestic	212 ft
35	358665	Engelbert Jendrzey	Water: Domestic	330 ft
36	67-61-703	Gloria Pickett	Water: n/a	322 ft
37	177535	Bill Blackwell	Water: Domestic	276 ft
38	286522	Arthur Gonzales	Water: Domestic	226 ft
39	369147	Carl Matejek	Water: Domestic	319 ft
40	326473	JAMES BURDA	Water: Domestic	297 ft



Water & Oil/Gas Wells

Map ID	Well ID	Owner	Well Type	Elevation
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Source

U.S. Geological Survey, Texas Water Development Board (GW and Submitted Driller's Report), Texas Commission of Environmental Quality (PWS), Railroad Commission of Texas (Production Data)

Disclaimer

This well scan from Banks Environmental Data, Inc. has included a digital search of state and federal wells currently digitized in our geospatial database. Since this scan includes only well data that is currently mapped in our geospatial database, more wells could exist within the search area. For a complete well search or to locate more details, please contact Banks to obtain a full Water Well Report or Oil & Gas Well/Pipeline Search Report. More detailed individual well records can also be obtained from Banks for an additional cost, please reference a Well ID # from this well scan.

All well locations are based on information obtained from state and federal sources. Although Banks performs quality assurance and quality control on all data, inaccuracies of the records and mapped locations could possibly be traced to the specific regulatory authority or individual well driller. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the data or well location(s) of the maps and records maintained by the state and federal agencies.

Mapped Sites Summary

Database	Distance from Target Property	Map ID	Facility Site Name	Facility Site Address	Site Details Page #
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*Sites are sorted by database tier, database, and distance from the target site.

RCRA GEN	0.14 miles SE	8	SELECT CHEMICALS, LTD.	167 INDUSTRIAL DR, YORKTOWN, TX 78164	32
ERNS	0.02 miles SE	3		415 WEST HEATON, CUERO, TX	34
LPST	0.11 miles N	7	PLOEGER ENTERPRISES	514 S ESPLANADE ST, CUERO, TX 77594	35
LPST	0.18 miles NE	9	LESKE OIL CO	413 S ESPLANADE ST, CUERO, TX 77594	36
LPST	0.31 miles NE	10	CIRCLE K 9416	111 E MORGAN AVE, CUERO, TX 77594	38
LPST	0.39 miles NE	11	GONZALES EXXON	207 S ESPLANADE ST, CUERO, TX 77594	39
LPST	0.48 miles NE	12	CUERO TEXAS	513 E RAILROAD, CUERO, TX 77594	40
PST	0.02 miles W	1	THE TEXAN 5	101 W HEATON ST, CUERO, TX 77954	41
PST	0.02 miles NE	2	SPITFIRE SERVICES	908 W HEATON ST, CUERO, TX 77954	42
PST	0.03 miles E	4	QUERO GASCARD 270323	1522 STATE HIGHWAY 72, CUERO, TX 79954	43
PST	0.05 miles SE	5	CORNER STORE 1545	4150 STATE HIGHWAY 72 W, CUERO, TX 77954	44
PST	0.1 miles E	6	ALAMO CONCRETE- CUERO	602 S GONZALES ST, CUERO, TX 77954	45
PST	0.11 miles N	7	PLOEGER ENTERPRISES	514 S ESPLANADE ST, CUERO, TX 77954	46
PST	0.18 miles NE	9	M H LESKE OIL	413 S ESPLANADE ST, CUERO, TX 77954	47

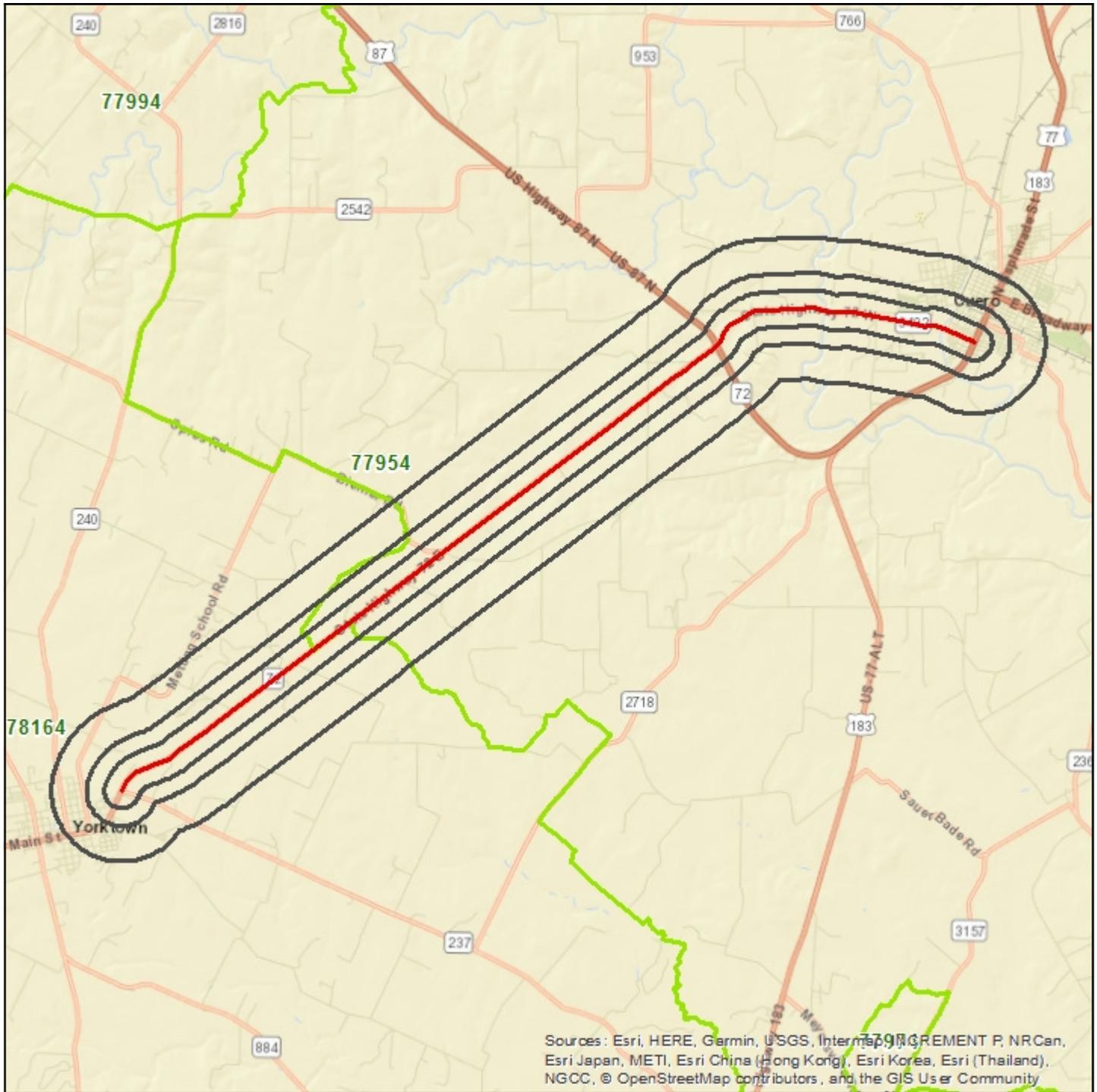
End of Mapped Sites Summary Section

Unmapped Sites Summary

Database	Facility Site Name	Facility Site Address	Site Details Page #
CER SEMS NFRAP	ALBERT HAHN	W SIDE OF HWY 183, CUERO, TX 77954	49
ERNS		HWY 72 WEST OF CUERO, CUERO, TX	50
SWLF	Cuero	2M S OF DOWNTOWN W OF 183 APPROX 1/4M, TX	51
SWLF	CITY OF YORKTOWN LANDFILL	RR 1 , YORKTOWN, TX 78164	52
LPST	PAPA JOHNS	HWY 183, CUERO, TX 77954	53
LPST	SCHLARBAUERS VILLAGE	RT 5, YORKTOWN, TX 78164	54
LPST	DE WITT COUNTY PCT 1	1 MI W ON FM 3402, CUERO, TX 77954	55
PST	JA MIGURA GULF	CUERO, TX 77954	56
PST	THE BANDING IRON	RT 1, CUERO, TX 77954	57
PST	DEWITT COUNTY PCT I	1 MI W ON FM 3402, CUERO, TX 77954	58
PST	KNIEFELS STORE	RT 5, YORKTOWN, TX 78164	59
PST	JUNCTION STATION	HWY 72, YORKTOWN, TX 78164	60
PST	DAURY STORE	RT 5, YORKTOWN, TX 78164	61
HW	CITY OF YORKTOWN LANDFILL	RR 1, YORKTOWN, TX 78164	62
RCRA	CITY OF YORKTOWN	ROUTE 1, YORKTOWN, TX 78164	63

End of Unmapped Sites Summary Section

Zip Code Map - 1 Mile Buffer



SH 72 FM 237 to US 87

- Target Property
- Search Buffer
- Zip Code Boundary

1 : 130,000
 1 inch = 2.052 miles
 1 inch = 10833 feet
 1 centimeter = 1.300 kilometers
 1 centimeter = 1300 meters

Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' 00" North
 Second Standard Parallel: 45° 00' 00" North
 Central Meridian: 96° 00' 00" West
 Latitude of Origin: 39° 00' 00" North



MapID 8: RCRA GEN - 167 INDUSTRIAL DR



RCRA GEN - RCRA Generators

Map ID #8	RCRA GEN - RCRA Generators	Source: EPA
EPA Handler ID: TXR000081722	Handler Sequence Number: 1	Banks ID: TXR000081722
SELECT CHEMICALS, LTD. 167 INDUSTRIAL DR, YORKTOWN, TX 78164		Rel. Loc.: 0.14 miles SE Elevation: 320.38 feet (+320.38)
Status:	Active Site - Handler Activities;	
Owner Name:	STEPHEN & CHRISTINE BLASCHKE	
Operator Name:	SELECT CHEMICALS, LTD.	
Mailing Address Street #:	167	
Mailing Address Street:	INDUSTRIAL DR	
Mailing Address Street:		
Mailing Address City:	YORKTOWN	
Mailing Address State:	TX	
Mailing Address Zip:	78164-5526	
Contact Name:	LESLIE W RABKE	
Contact Address Street #:	167	
Contact Address Street:	INDUSTRIAL DR	
Contact Address Street:		
Contact Address City:	YORKTOWN	
Contact Address State:	TX	
Contact Address Zip:	78164-5526	
Contact Phone:	361-564-4292	
Contact Email Address:	LES@SELECT-TECH.ORG	
Government Performance and Results Act (GPRA) Permit:	The facility does not exist on the Operating/Post-Closure Permit Baseline.	
Government Performance and Results Act (GPRA) Corrective Action:	No	
Permit Workload:		
Closure Workload:		
Post-Closure Workload:		
Subject to Corrective Action:	No	
Subject to Corrective Action 3004:	No	
Subject to Corrective Action Non-TSDF:	No	
Corrective Action Workload:	No	
Generator Status:	Conditionally Exempt Small Quantity Generator	
Nuclear Mixed Waste Handler:	No	
Onsite Burner Exemption:	No	
Furnace Exemption:	No	
Underground Injection Activity:	No	
NAIC Description 1:	All Other Basic Organic Chemical Manufacturing	
NAIC Description 2:	Support Activities for Oil and Gas Operations	
NAIC Description 3:		
NAIC Description 4:		
Federal Generator Class:	Conditionally Exempt Small Quantity Generator	
State Generator Class:		
Environmental Controls in Place:	No	
Institutional Controls in Place:	No	
Groundwater Controls in Place:	No	
Significant Non-Compliance:	No	
Unaddressed Significant Non-Complier:	No	
Addressed Significant Non-Complier:	No	
Significant Non-Complier with Compliance Schedule:	No	
Short Term Generator:	No	
Mixed Waste Generator:	No	
Transfer Facility:	No	
Importer Activity:	No	
Transporter Activity:	No	
Recycler Activity:	No	
Receives waste from Offsite:	No	

MapID 8: RCRA GEN - 167 INDUSTRIAL DR

Continued from Previous Page

Universal Waste:		No		
Enforcement Description	Responsible Enforcement Agency	Enforcement Date	Penalty Description	
REFERRAL TO ESC ENFORCEMENT SCREEN COMM.	State	11/21/2016		
FINAL 3008(A) COMPLIANCE ORDER	State	7/11/2017		
INITIAL 3008(A) COMPLIANCE	State	12/27/2016		
WRITTEN INFORMAL	State	7/12/2013		
LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION	State	11/2/2016		
Evaluation Description	Responsible Agency	Evaluation Date	Violation Found	
FOCUSED COMPLIANCE INSPECTION	State	5/21/2013	Yes	
NON-FINANCIAL RECORD REVIEW	State	11/21/2013	No	
Violation Description	Violation Determined By	Violation Date	Actual Resolution Date	Scheduled Resolution Date
State Statutory or Regulatory requirements that are broader-in-scope than the federal RCRA requirements	State	5/21/2013	11/19/2013	
Hazardous Waste Description				
1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)				
2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL				
ACETALDEHYDE (I) (OR) ETHANAL (I)				
BENZENE (I,T)				
BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)				
BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)				
BENZENE, METHYL- (OR) TOLUENE				
CORROSIVE WASTE				
ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER				
ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)				
FORMALDEHYDE				
FORMIC ACID (C,T)				
FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)				
IGNITABLE WASTE				
METHANOL (I) (OR) METHYL ALCOHOL (I)				
NAPHTHALENE				

End of RCRA GEN Sites Section

MapID 3: ERNS - 415 WEST HEATON**ERNS - ERNS List**

Map ID #3	ERNS - ERNS List	Source: EPA/National Response Center
NRC Report #: 963519	Secondary ID: NA	Banks ID: 963519
415 WEST HEATON, CUERO, TX		Rel. Loc.: 0.02 miles SE Elevation: 169.94 feet (+169.94)
Responsible Party:	D&B RENTAL SERVICE	
Incident Location:		
Incident Date/Time:	12/27/2010 12:00 AM	
Cause of Incident:	DUMPING	
Description of Incident:	CALLER IS REPORTING THAT UNKNOWN OILS AND CAUSTIC SODA IS BEING DUMPED ONTO PRIVATE OWNED LAND FROM VACUUM TRUCKS.	
Incident Type:	MOBILE	
Additional Information:	CALLER HAD NO ADDITIONAL INFORMATION.	
Any Fatalities:	No	
Number of Fatalities:		
Remedial Action Taken:	NONE	
Medium Affected:	SOIL	
Medium Description:	/ IN A HOLE	
Railroad Involved:		
Pipeline Type Involved:		
Source:	TELEPHONE	
Materials Spilled	CAUSTIC SODA SOLUTION, UNKNOWN OIL	

End of ERNS Sites Section

MapID 7: LPST - 514 S ESPLANADE ST



LPST - State/Tribal Leaking Storage Tank

Map ID #7	LPST - State/Tribal Leaking Storage Tank			Source: TCEQ
LPST ID: 102754	Facility ID: 0023375			Banks ID: 102754
PLOEGER ENTERPRISES				Rel. Loc.: 0.11 miles N
514 S ESPLANADE ST, CUERO, TX 77594				Elevation: 168.76 feet (+168.76)
Status:	6A-Final concurrence issued, case close			
Leak Discovery Date:	3/17/1992			
Damage Description:	minor soil contamination - does not require a rap			
Leak Closure Date:	9/26/1995			
Owner Contact Name:	PLOEGER, MARK			
Facility Information from Related UST				
Facility Contact Name:				
Facility Contact Phone:				
Facility Status:	INACTIVE			
Facility Type:	FLEET REFUELING			
Number of ASTs:	0			
Number of USTs:	0			
Tank #:	#1	#2	#3	
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND	
Status Date:	2/24/1992	2/24/1992	2/24/1992	
Capacity:	550	1000	1000	
Install Date:	1/1/1965	1/1/1965	1/1/1965	
Above or Below Ground Tank:	below	below	below	
Unit ID:				
Construction Material:				
Piping Type:				
Piping Material:	Steel	Steel	Steel	
Tank Contents:				
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:				
Piping Corrosion Protection:				
Tank #:	#4	#5		
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND		
Status Date:	2/24/1992	2/24/1992		
Capacity:	1000	1000		
Install Date:	1/1/1965	1/1/1965		
Above or Below Ground Tank:	below	below		
Unit ID:				
Construction Material:				
Piping Type:				
Piping Material:	Steel	Steel		
Tank Contents:				
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:				
Piping Corrosion Protection:				

MapID 9: LPST - 413 S ESPLANADE ST

Map ID #9	LPST - State/Tribal Leaking Storage Tank		Source: TCEQ
LPST ID: 098722	Facility ID: 0032668		Banks ID: 098722
LESKE OIL CO			Rel. Loc.: 0.18 miles NE
413 S ESPLANADE ST, CUERO, TX 77954			Elevation: 171.18 feet (+171.18)
Status:	6A-Final concurrence issued, case close		
Leak Discovery Date:	4/17/1991		
Damage Description:	gw impact, public/domestic water supply well w/in 0.25mi		
Leak Closure Date:	3/3/2000		
Owner Contact Name:	LESKE OIL CO		
Facility Information from Related UST			
Facility Contact Name:			
Facility Contact Phone:	3612752751		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	6		
Number of USTs:	4		
Tank #:	#1	#1	#1A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	4/29/1991
Capacity:	10000	6000	500
Install Date:	1/1/1974	1/1/1986	1/1/1968
Above or Below Ground Tank:	above	below	below
Unit ID:	153449		
Construction Material:	Steel		
Piping Type:	Pressurized		
Piping Material:	FRP (fiberglass-reinforced plastic)		Steel
Tank Contents:	DIESEL		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:	Composite_Tank_steel_w_FRP_external_la minate		
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible		
Tank #:	#2	#2	#2A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	3/26/1991
Capacity:	7000	6000	1000
Install Date:	1/1/1974	1/1/1986	1/1/1969
Above or Below Ground Tank:	above	below	below
Unit ID:	153453		
Construction Material:	Steel		
Piping Type:	Pressurized	Pressurized	Pressurized
Piping Material:	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)
Tank Contents:	GASOLINE		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:	Composite_Tank_steel_w_FRP_external_la minate	Composite_Tank_steel_w_FRP_external_la minate	Composite_Tank_steel_w_FRP_external_la minate
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible
Tank #:	#3	#3	#3A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	3/26/1991
Capacity:	5500	4000	2000
Install Date:	1/1/1974	1/1/1986	1/1/1969
Above or Below Ground Tank:	above	below	below
Unit ID:	153452		
Construction Material:	Steel		
Piping Type:	Pressurized		
Piping Material:	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	Steel
Tank Contents:	DIESEL		

MapID 9: LPST - 413 S ESPLANADE ST

Continued from Previous Page

Tank Release Vapor Monitor			
Status Stage 1:			
Corrosion Protection:	Composite_Tank_steel_w_FRP_external_la minate		
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible		
Tank #:	#4	#4	#4A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1980	1/1/1986	3/29/1991
Capacity:	15000	4000	3000
Install Date:	1/1/1980	1/1/1986	1/1/1970
Above or Below Ground Tank:	above	below	below
Unit ID:	153450		
Construction Material:	Steel		
Piping Type:	Pressurized		
Piping Material:	FRP (fiberglass-reinforced plastic)		Steel
Tank Contents:	GASOLINE KEROSENE		
Tank Release Vapor Monitor			
Status Stage 1:			
Corrosion Protection:	Composite_Tank_steel_w_FRP_external_la minate		
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible		
Tank #:	#5	#5	#6
Status:	REMOVED FROM GROUND		
Status Date:	1/1/1984	3/28/1991	11/28/1994
Capacity:	3000	4000	5000
Install Date:	1/1/1984	1/1/1975	9/1/1993
Above or Below Ground Tank:	above	below	above
Unit ID:	153451		172643
Construction Material:	Steel		Steel
Piping Type:	Steel		
Piping Material:	Steel		
Tank Contents:	DIESEL		GASOLINE
Tank Release Vapor Monitor			
Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#6		
Status:	PERM FILLED IN PLACE		
Status Date:	8/31/1987		
Capacity:	500		
Install Date:	1/1/1966		
Above or Below Ground Tank:	below		
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel		
Tank Contents:			
Tank Release Vapor Monitor			
Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

MapID 10: LPST - 111 E MORGAN AVE

Map ID #10	LPST - State/Tribal Leaking Storage Tank		Source: TCEQ
LPST ID: 110144	Facility ID: 0008893		Banks ID: 110144
CIRCLE K 9416			Rel. Loc.: 0.31 miles NE
111 E MORGAN AVE, CUERO, TX 77954			Elevation: 178.47 feet (+178.47)
Status:	6A-Final concurrence issued, case close		
Leak Discovery Date:	12/12/1995		
Damage Description:	gw impact, public/domestic water supply well w/in 0.25mi		
Leak Closure Date:	1/29/1998		
Owner Contact Name:	SSP PARTNERS INC		
Facility Information from Related UST			
Facility Contact Name:	PEGGIE	BETZ	
Facility Contact Phone:	9728287805		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	0		
Number of USTs:	2		
Tank #:	#1	#2	
Status:	IN USE	IN USE	
Status Date:	4/1/1977	4/1/1977	
Capacity:	8068	7026	
Install Date:	4/1/1977	4/1/1977	
Above or Below Ground Tank:	below	below	
Unit ID:			
Construction Material:			
Piping Type:	Pressurized	Pressurized	
Piping Material:	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:	Cathodic_Protection_Field_Installation	Cathodic_Protection_Field_Installation	
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	

MapID 11: LPST - 207 S ESPLANADE ST

Map ID #11	LPST - State/Tribal Leaking Storage Tank			Source: TCEQ
LPST ID: 108538	Facility ID: 0015037			Banks ID: 108538
GONZALES EXXON				Rel. Loc.: 0.39 miles NE
207 S ESPLANADE ST, CUERO, TX 77594				Elevation: 180.38 feet (+180.38)
Status:	6P-Final concurrence pending documentation of well plugging			
Leak Discovery Date:	7/11/1994			
Damage Description:	no gw impacted, no apparent threats or impacts to receptors			
Leak Closure Date:	10/1/2002			
Owner Contact Name:	CINCO J INVESTMENTS INC			
Facility Information from Related UST				
Facility Contact Name:	F JOHNSON			
Facility Contact Phone:	5122759034			
Facility Status:	INACTIVE			
Facility Type:	RETAIL			
Number of ASTs:	0			
Number of USTs:	0			
Tank #:	#1	#2	#3	
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND	
Status Date:	7/1/1994	7/1/1994	7/1/1994	
Capacity:	3000	2000	2000	
Install Date:	1/1/1972	1/1/1976	1/1/1976	
Above or Below Ground Tank:	below	below	below	
Unit ID:				
Construction Material:				
Piping Type:				
Piping Material:	Steel	Steel	Steel	
Tank Contents:				
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:				
Piping Corrosion Protection:				
Tank #:	#4	#5	#6	
Status:	PERM FILLED IN PLACE	PERM FILLED IN PLACE	PERM FILLED IN PLACE	
Status Date:	1/1/1968	1/1/1968	1/1/1968	
Capacity:		500	1000	
Install Date:	1/1/1920	1/1/1968	1/1/1962	
Above or Below Ground Tank:	below	below	below	
Unit ID:				
Construction Material:				
Piping Type:				
Piping Material:				
Tank Contents:				
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:				
Piping Corrosion Protection:				

MapID 12: LPST - 513 E RAILROAD

Map ID #12	LPST - State/Tribal Leaking Storage Tank	Source: TCEQ
LPST ID: 093660	Facility ID: 0041058	Banks ID: 093660
CUERO TEXAS		Rel. Loc.: 0.48 miles NE
513 E RAILROAD, CUERO, TX 77954		Elevation: 181.79 feet (+181.79)
Status:	6A-Final concurrence issued, case close	
Leak Discovery Date:	9/12/1989	
Damage Description:	soil contamination only, requires full site assessment & rap	
Leak Closure Date:	11/29/1989	
Owner Contact Name:	MILPARK DRILLING FLUIDS	
Facility Information from Related UST		
Facility Contact Name:	AUGUST BADE	
Facility Contact Phone:	5122753474	
Facility Status:	INACTIVE	
Facility Type:	FLEET REFUELING	
Number of ASTs:	0	
Number of USTs:	0	
Tank #:	#1	
Status:	REMOVED FROM GROUND	
Status Date:	9/12/1989	
Capacity:	8000	
Install Date:	1/1/1966	
Above or Below Ground Tank:	below	
Unit ID:		
Construction Material:		
Piping Type:		
Piping Material:	Steel	
Tank Contents:		
Tank Release Vapor Monitor Status Stage 1:		
Corrosion Protection:		
Piping Corrosion Protection:		

End of LPST Sites Section

MapID 1: PST - 101 W HEATON ST**PST - State/Tribal Storage Tank**

Map ID #1	PST - State/Tribal Storage Tank		Source: TCEQ
Facility #: 0088391	TCEQ Customer ID: 133506		Banks ID: 0088391
THE TEXAN 5 101 W HEATON ST, CUERO, TX 77954			Rel. Loc.: 0.02 miles W Elevation: 168.9 feet (+168.9)
Facility Contact Name:	BRIAN	DLUGOSCH	
Facility Contact Phone:	3619359441		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:			
Number of USTs:	2		
Tank #:	#1	#2	
Status:	IN USE	IN USE	
Status Date:	11/15/2016	11/15/2016	
Capacity:	20000	25000	
Install Date:	11/15/2016	11/15/2016	
Above or Below Ground Tank:	below	below	
Unit ID:			
Construction Material:			
Piping Type:	Pressurized	Pressurized	
Piping Material:			
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	
Piping Corrosion Protection:	Nonmetallic_flexible_piping_noncorrodible	Nonmetallic_flexible_piping_noncorrodible	

MapID 2: PST - 908 W HEATON ST

Map ID #2	PST - State/Tribal Storage Tank		Source: TCEQ
Facility #: 0086003	TCEQ Customer ID: 131129		Banks ID: 0086003
SPITFIRE SERVICES			Rel. Loc.: 0.02 miles NE
908 W HEATON ST, CUERO, TX 77954			Elevation: 169.9 feet (+169.9)
Facility Contact Name:	JULIE GAMEZ		
Facility Contact Phone:	3612436276		
Facility Status:	ACTIVE		
Facility Type:	WHOLESALE		
Number of ASTs:	2		
Number of USTs:			
Tank #:	#30001	#40001	
Status:			
Status Date:	4/1/2013	4/1/2013	
Capacity:	3000	4000	
Install Date:	4/1/2013	4/1/2013	
Above or Below Ground Tank:	above	above	
Unit ID:	218418	218419	
Construction Material:			
Piping Type:			
Piping Material:			
Tank Contents:	GASOLINE	DIESEL	
Tank Release Vapor Monitor Status Stage 1:	EXEMPT BY TCEQ RULE	EXEMPT BY TCEQ RULE	
Corrosion Protection:			
Piping Corrosion Protection:			

MapID 4: PST - 1522 STATE HIGHWAY 72

Map ID #4	PST - State/Tribal Storage Tank			Source: TCEQ
Facility #: 0086110	TCEQ Customer ID: 131236			Banks ID: 0086110
QUERO GASCARD 270323				Rel. Loc.: 0.03 miles E
1522 STATE HIGHWAY 72, CUERO, TX 79954				Elevation: 174.94 feet (+174.94)
Facility Contact Name:	AL BARTZ			
Facility Contact Phone:	4326824349			
Facility Status:	ACTIVE			
Facility Type:	FLEET REFUELING			
Number of ASTs:	3			
Number of USTs:				
Tank #:	#1	#2	#3	
Status:				
Status Date:	9/4/2013	9/4/2013	9/4/2013	
Capacity:	21000	12600	12600	
Install Date:	9/4/2013	9/4/2013	9/4/2013	
Above or Below Ground Tank:	above	above	above	
Unit ID:	218882	218883	218884	
Construction Material:				
Piping Type:				
Piping Material:				
Tank Contents:	DIESEL	GASOLINE	DIESEL	
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:				
Piping Corrosion Protection:				

MapID 5: PST - 4150 STATE HIGHWAY 72 W

Map ID #5	PST - State/Tribal Storage Tank			Source: TCEQ
Facility #: 0086214	TCEQ Customer ID: 131340			Banks ID: 0086214
CORNER STORE 1545				Rel. Loc.: 0.05 miles SE
4150 STATE HIGHWAY 72 W, CUERO, TX 77954				Elevation: 244.43 feet (+244.43)
Facility Contact Name:	MARTIN DOMINGUEZ			
Facility Contact Phone:	9158337740			
Facility Status:	ACTIVE			
Facility Type:	RETAIL			
Number of ASTs:				
Number of USTs:	3			
Tank #:	#1	#2	#3	
Status:	IN USE	IN USE	IN USE	
Status Date:	3/25/2014	3/25/2014	3/25/2014	
Capacity:	20000	20000	30000	
Install Date:	3/25/2014	3/25/2014	3/25/2014	
Above or Below Ground Tank:	below	below	below	
Unit ID:				
Construction Material:				
Piping Type:	Pressurized	Pressurized	Pressurized	
Piping Material:	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	
Tank Contents:				
Tank Release Vapor Monitor Status Stage 1:				
Corrosion Protection:	FRP_tank_or_piping_noncorrodible Unnecessary_per_corrosion_protection_specialist	FRP_tank_or_piping_noncorrodible Unnecessary_per_corrosion_protection_specialist	FRP_tank_or_piping_noncorrodible	
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible Isolated_in_Open_Area_2nd_Containment Unnecessary_per_corrosion_protection_specialist	FRP_tank_or_piping_noncorrodible Isolated_in_Open_Area_2nd_Containment Unnecessary_per_corrosion_protection_specialist	FRP_tank_or_piping_noncorrodible Isolated_in_Open_Area_2nd_Containment	

MapID 6: PST - 602 S GONZALES ST

Map ID #6	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0053485	TCEQ Customer ID: 097207	Banks ID: 0053485
ALAMO CONCRETE- CUERO		Rel. Loc.: 0.1 miles E
602 S GONZALES ST, CUERO, TX 77954		Elevation: 167.36 feet (+167.36)
Facility Contact Name:	ALLEN FISHER	
Facility Contact Phone:	5123649105	
Facility Status:	INACTIVE	
Facility Type:	FLEET REFUELING	
Number of ASTs:	0	
Number of USTs:	0	
Tank #:	#2	
Status:		
Status Date:	10/19/1998	
Capacity:	3150	
Install Date:	1/1/1980	
Above or Below Ground Tank:	above	
Unit ID:	160572	
Construction Material:	Steel	
Piping Type:		
Piping Material:		
Tank Contents:	DIESEL	
Tank Release Vapor Monitor Status Stage 1:		
Corrosion Protection:		
Piping Corrosion Protection:		

MapID 7: PST - 514 S ESPLANADE ST

Map ID #7	PST - State/Tribal Storage Tank		Source: TCEQ
Facility #: 0023375	TCEQ Customer ID: 088366		Banks ID: 0023375
PLOEGER ENTERPRISES			Rel. Loc.: 0.11 miles N
514 S ESPLANADE ST, CUERO, TX 77954			Elevation: 168.76 feet (+168.76)
Facility Contact Name:			
Facility Contact Phone:			
Facility Status:	INACTIVE		
Facility Type:	FLEET REFUELING		
Number of ASTs:	0		
Number of USTs:	0		
Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	2/24/1992	2/24/1992	2/24/1992
Capacity:	550	1000	1000
Install Date:	1/1/1965	1/1/1965	1/1/1965
Above or Below Ground Tank:	below	below	below
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel	Steel	Steel
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#4	#5	
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	
Status Date:	2/24/1992	2/24/1992	
Capacity:	1000	1000	
Install Date:	1/1/1965	1/1/1965	
Above or Below Ground Tank:	below	below	
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel	Steel	
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

MapID 9: PST - 413 S ESPLANADE ST

Map ID #9	PST - State/Tribal Storage Tank		Source: TCEQ
Facility #: 0032668	TCEQ Customer ID: 066234		Banks ID: 0032668
M H LESKE OIL			Rel. Loc.: 0.18 miles NE
413 S ESPLANADE ST, CUERO, TX 77954			Elevation: 171.18 feet (+171.18)
Facility Contact Name:			
Facility Contact Phone:	3612752751		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	6		
Number of USTs:	4		
Tank #:	#1	#1	#1A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	4/29/1991
Capacity:	10000	6000	500
Install Date:	1/1/1974	1/1/1986	1/1/1968
Above or Below Ground Tank:	above	below	below
Unit ID:	153449		
Construction Material:	Steel		
Piping Type:	Pressurized		
Piping Material:	FRP (fiberglass-reinforced plastic)		Steel
Tank Contents:	DIESEL		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:	Composite_Tank_steel_w_FRP_external_la minate		
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible		
Tank #:	#2	#2	#2A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	3/26/1991
Capacity:	7000	6000	1000
Install Date:	1/1/1974	1/1/1986	1/1/1969
Above or Below Ground Tank:	above	below	below
Unit ID:	153453		
Construction Material:	Steel		
Piping Type:		Pressurized	Pressurized
Piping Material:		FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)
Tank Contents:	GASOLINE		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:		Composite_Tank_steel_w_FRP_external_la minate	Composite_Tank_steel_w_FRP_external_la minate
Piping Corrosion Protection:		FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible
Tank #:	#3	#3	#3A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1974	1/1/1986	3/26/1991
Capacity:	5500	4000	2000
Install Date:	1/1/1974	1/1/1986	1/1/1969
Above or Below Ground Tank:	above	below	below
Unit ID:	153452		
Construction Material:	Steel		
Piping Type:	Pressurized		
Piping Material:		FRP (fiberglass-reinforced plastic)	Steel
Tank Contents:	DIESEL		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:		Composite_Tank_steel_w_FRP_external_la minate	
Piping Corrosion Protection:		FRP_tank_or_piping_noncorrodible	
Tank #:	#4	#4	#4A
Status:		IN USE	REMOVED FROM GROUND
Status Date:	1/1/1980	1/1/1986	3/29/1991

MapID 9: PST - 413 S ESPLANADE ST

Continued from Previous Page

Capacity:	15000	4000	3000
Install Date:	1/1/1980	1/1/1986	1/1/1970
Above or Below Ground Tank:	above	below	below
Unit ID:	153450		
Construction Material:	Steel		
Piping Type:		Pressurized	
Piping Material:		FRP (fiberglass-reinforced plastic)	Steel
Tank Contents:	GASOLINE KEROSENE		
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:		Composite_Tank_steel_w_FRP_external_la minate	
Piping Corrosion Protection:		FRP_tank_or_piping_noncorrodible	
Tank #:	#5	#5	#6
Status:		REMOVED FROM GROUND	
Status Date:	1/1/1984	3/28/1991	11/28/1994
Capacity:	3000	4000	5000
Install Date:	1/1/1984	1/1/1975	9/1/1993
Above or Below Ground Tank:	above	below	above
Unit ID:	153451		172643
Construction Material:	Steel		Steel
Piping Type:			
Piping Material:		Steel	
Tank Contents:	DIESEL		GASOLINE
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#6		
Status:	PERM FILLED IN PLACE		
Status Date:	8/31/1987		
Capacity:	500		
Install Date:	1/1/1966		
Above or Below Ground Tank:	below		
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel		
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

End of PST Sites Section



Unmapped Sites Details: CER SEMS NFRAP (0603365)

CER SEMS NFRAP - SEMS NFRAP

CER SEMS NFRAP - SEMS NFRAP **Source: EPA**

Site ID: 0603365 **EPA ID: TXD981524119** **Banks ID: 0603365**

ALBERT HAHN
W SIDE OF HWY 183, CUERO, TX 77954

National Priority List Status: Not on the NPL
Facility Type: Not a federal facility

Aliases:
Link to Additional Information: <http://cumulis.epa.gov/supercpad/cursites/srchsites.cfm>

Action	Start Date	Completion Date
DISCOVERY		10/1/1986
PRELIMINARY ASSESSMENT	12/1/1986	12/1/1986
ARCHIVE SITE		11/1/1988
SITE INSPECTION	11/1/1988	11/1/1988

End of CER SEMS NFRAP Sites Section

Unmapped Sites Details: ERNS (306099)**ERNS - ERNS List****ERNS - ERNS List****Source: EPA/National Response Center****NRC Report #: 306099****Secondary ID: NA****Banks ID: 306099**

HWY 72 WEST OF CUERO, CUERO, TX

Responsible Party:**Incident Location:****Incident Date/Time:** 8/31/1995 3:30 PM**Cause of Incident:** UNKNOWN**Description of Incident:** 4 55 GALLON DRUMS WERE FOUND / 1 DRUM WAS LEAKING / SOURCE AND CAUSE UNKNOWN**Incident Type:** UNKNOWN SHEEN**Additional Information:** NONE**Any Fatalities:** Unknown**Number of Fatalities:****Remedial Action Taken:** DRUMS REMOVED TO STORAGE**Medium Affected:** LAND**Medium Description:** SOIL**Railroad Involved:****Pipeline Type Involved:** UNKNOWN**Source:** UNAVAILABLE**Materials Spilled** EMULSIFIER**End of ERNS Sites Section**



Unmapped Sites Details: SWLF (UNUM_962)

SWLF - State/Tribal Disposal or Landfill

SWLF - State/Tribal Disposal or Landfill		Source: TCEQ
TCEQ Closed Landfill Inventory Unnumbered: UNUM_962	Secondary ID: NA	Banks ID: UNUM_962
Cuero 2M S OF DOWNTOWN W OF 183 APPROX 1/4M, TX		
Detail #1		
Facility Status:	CLOSED	
Acres:		
Estimated Closure Date:		
Additional Location Information:	Identified in 1968 US Dept. of HEW survey;	
Facility Owner Name:		
Permit Status:		



Unmapped Sites Details: SWLF (1917)

SWLF - State/Tribal Disposal or Landfill

Source: TCEQ

MSW ID: 1917

Regulated Entity#: RN100596444

Banks ID: 1917

CITY OF YORKTOWN LANDFILL

RR 1 , YORKTOWN, TX 78164

Detail #1

Facility Type: Sanitary Landfill, weekly cover required

Facility Status: CLOSED

Permit Status: REVOKED

End of SWLF Sites Section

Unmapped Sites Details: LPST (104764)



LPST - State/Tribal Leaking Storage Tank

LPST - State/Tribal Leaking Storage Tank		Source: TCEQ	
LPST ID: 104764	Facility ID: 0015007	Banks ID: 104764	
PAPA JOHNS HWY 183, CUERO, TX 77954			
Status:	6A-Final concurrence issued, case close		
Leak Discovery Date:	9/16/1992		
Damage Description:	minor soil contamination - does not require a rap		
Leak Closure Date:	9/28/1995		
Owner Contact Name:	CINCO J INC		
Facility Information from Related UST			
Facility Contact Name:	F JOHNSON		
Facility Contact Phone:	5126722133		
Facility Status:	INACTIVE		
Facility Type:	UNKNOWN		
Number of ASTs:	0		
Number of USTs:	0		
Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	8/25/1992	8/25/1992	8/25/1992
Capacity:	1000	1000	1000
Install Date:	1/1/1972	1/1/1972	1/1/1972
Above or Below Ground Tank:	below	below	below
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel	Steel	Steel
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

Unmapped Sites Details: LPST (096594)

LPST - State/Tribal Leaking Storage Tank		Source: TCEQ	
LPST ID: 096594	Facility ID: 0015046		Banks ID: 096594
SCHLARBAUERS VILLAGE RT 5, YORKTOWN, TX 78164			
Status:	6A-Final concurrence issued, case close		
Leak Discovery Date:	8/17/1990		
Damage Description:	soil contamination only, requires full site assessment & rap		
Leak Closure Date:	11/12/1990		
Owner Contact Name:	JOHNSON, FLETCHER		
Facility Information from Related UST			
Facility Contact Name:	F JOHNSON		
Facility Contact Phone:	5126722133		
Facility Status:	INACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	0		
Number of USTs:	0		
Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	8/1/1990	8/1/1990	8/1/1990
Capacity:	500	1000	2000
Install Date:	1/1/1968	1/1/1972	1/1/1972
Above or Below Ground Tank:	below	below	below
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel	Steel	Steel
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#4		
Status:	REMOVED FROM GROUND		
Status Date:	8/1/1990		
Capacity:	500		
Install Date:	1/1/1968		
Above or Below Ground Tank:	below		
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel		
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

Unmapped Sites Details: LPST (100709)

LPST - State/Tribal Leaking Storage Tank		Source: TCEQ	
LPST ID: 100709		Facility ID: 0056396	
		Banks ID: 100709	
DE WITT COUNTY PCT 1			
1 MI W ON FM 3402, CUERO, TX 77954			
Status:	6A-Final concurrence issued, case close		
Leak Discovery Date:	10/8/1991		
Damage Description:	gw impacted, no apparent threats or impacts to receptors		
Leak Closure Date:	4/28/1997		
Owner Contact Name:	DE WITT COUNTY		
Facility Information from Related UST			
Facility Contact Name:	WALLACE BECK		
Facility Contact Phone:	5122756441		
Facility Status:	ACTIVE		
Facility Type:	FLEET REFUELING		
Number of ASTs:	2		
Number of USTs:	0		
Tank #:	#A	#A	#B
Status:	REMOVED FROM GROUND		
Status Date:	1/1/1990	9/5/1991	1/1/1990
Capacity:	2000	500	2000
Install Date:	1/1/1990	8/31/1987	1/1/1990
Above or Below Ground Tank:	above	below	above
Unit ID:	162413		162414
Construction Material:	Steel		Steel
Piping Type:		Suction	
Piping Material:		Steel	
Tank Contents:	GASOLINE		DIESEL
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#B	#C	
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	
Status Date:	9/5/1991	9/5/1991	
Capacity:	1000		
Install Date:	8/31/1987	8/31/1987	
Above or Below Ground Tank:	below	below	
Unit ID:			
Construction Material:			
Piping Type:	Suction		
Piping Material:	Steel	Steel	
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

End of LPST Sites Section

Unmapped Sites Details: PST (0024733)



PST - State/Tribal Storage Tank

PST - State/Tribal Storage Tank		Source: TCEQ	
Facility #: 0024733	TCEQ Customer ID: 048717		Banks ID: 0024733
JA MIGURA GULF CUERO, TX 77954			
Facility Contact Name:			
Facility Contact Phone:	5123791736		
Facility Status: INACTIVE			
Facility Type: UNKNOWN			
Number of ASTs: 0			
Number of USTs: 0			
Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	5/16/1990	5/16/1990	5/16/1990
Capacity:	550	550	1000
Install Date:	1/1/1961	1/1/1961	1/1/1961
Above or Below Ground Tank:	below	below	below
Unit ID:			
Construction Material:			
Piping Type:			
Piping Material:	Steel	Steel	Steel
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

Unmapped Sites Details: PST (0032305)

PST - State/Tribal Storage Tank		Source: TCEQ
Facility #: 0032305	TCEQ Customer ID: 066125	Banks ID: 0032305
THE BANDING IRON RT 1, CUERO, TX 77954		
Facility Contact Name:		
Facility Contact Phone:		
Facility Status:	INACTIVE	
Facility Type:	UNKNOWN	
Number of ASTs:	0	
Number of USTs:	0	
Tank #:	#1	#2
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	11/14/1996	11/14/1996
Capacity:	1000	2000
Install Date:	1/1/1968	1/1/1968
Above or Below Ground Tank:	below	below
Unit ID:		
Construction Material:		
Piping Type:		
Piping Material:	Steel	Steel
Tank Contents:		
Tank Release Vapor Monitor Status Stage 1:		
Corrosion Protection:		
Piping Corrosion Protection:		

Unmapped Sites Details: PST (0056396)

PST - State/Tribal Storage Tank		Source: TCEQ	
Facility #: 0056396		TCEQ Customer ID: 049132	
		Banks ID: 0056396	
DEWITT COUNTY PCT I			
1 MI W ON FM 3402, CUERO, TX 77954			
Facility Contact Name:		WALLACE BECK	
Facility Contact Phone:		5122756441	
Facility Status:		ACTIVE	
Facility Type:		FLEET REFUELING	
Number of ASTs:		2	
Number of USTs:		0	
Tank #:	#A	#A	#B
Status:	REMOVED FROM GROUND		
Status Date:	1/1/1990	9/5/1991	1/1/1990
Capacity:	2000	500	2000
Install Date:	1/1/1990	8/31/1987	1/1/1990
Above or Below Ground Tank:	above	below	above
Unit ID:	162413		162414
Construction Material:	Steel		Steel
Piping Type:		Suction	
Piping Material:		Steel	
Tank Contents:	GASOLINE		DIESEL
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	#B	#C	
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	
Status Date:	9/5/1991	9/5/1991	
Capacity:	1000		
Install Date:	8/31/1987	8/31/1987	
Above or Below Ground Tank:	below	below	
Unit ID:			
Construction Material:			
Piping Type:	Suction		
Piping Material:	Steel	Steel	
Tank Contents:			
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

Unmapped Sites Details: PST (0015046)

PST - State/Tribal Storage Tank

Source: TCEQ

Facility #: 0015046

TCEQ Customer ID: 053783

Banks ID: 0015046

KNIEFELS STORE

RT 5, YORKTOWN, TX 78164

Facility Contact Name: F JOHNSON

Facility Contact Phone: 5126722133

Facility Status: INACTIVE

Facility Type: RETAIL

Number of ASTs: 0

Number of USTs: 0

Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	8/1/1990	8/1/1990	8/1/1990
Capacity:	500	1000	2000
Install Date:	1/1/1968	1/1/1972	1/1/1972
Above or Below Ground Tank:	below	below	below

Unit ID:

Construction Material:

Piping Type:

Piping Material: Steel Steel Steel

Tank Contents:

Tank Release Vapor Monitor

Status Stage 1:

Corrosion Protection:

Piping Corrosion Protection:

Tank #:	#4
Status:	REMOVED FROM GROUND

Status Date: 8/1/1990

Capacity: 500

Install Date: 1/1/1968

Above or Below Ground Tank: below

Unit ID:

Construction Material:

Piping Type:

Piping Material: Steel

Tank Contents:

Tank Release Vapor Monitor

Status Stage 1:

Corrosion Protection:

Piping Corrosion Protection:

Unmapped Sites Details: PST (0019853)

PST - State/Tribal Storage Tank

Source: TCEQ

Facility #: 0019853

TCEQ Customer ID: 056945

Banks ID: 0019853

JUNCTION STATION

HWY 72, YORKTOWN, TX 78164

Facility Contact Name: T BUSBY

Facility Contact Phone: 5125643417

Facility Status: INACTIVE

Facility Type: RETAIL

Number of ASTs: 0

Number of USTs: 0

Tank #:	#1	#2	#3
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	7/30/1998	7/30/1998	7/30/1998
Capacity:	1000	1000	500
Install Date:	1/1/1961	1/1/1961	1/1/1961
Above or Below Ground Tank:	below	below	below

Unit ID:

Construction Material:

Piping Type:

Piping Material:

Tank Contents:

**Tank Release Vapor Monitor
Status Stage 1:**

Corrosion Protection:

Piping Corrosion Protection:

Tank #:	#4
Status:	REMOVED FROM GROUND
Status Date:	7/30/1998
Capacity:	2000
Install Date:	1/1/1987
Above or Below Ground Tank:	below

Unit ID:

Construction Material:

Piping Type:

Piping Material:

Tank Contents:

**Tank Release Vapor Monitor
Status Stage 1:**

Corrosion Protection: FRP_tank_or_piping_noncorrodible

Piping Corrosion Protection:

Unmapped Sites Details: PST (0021532)

PST - State/Tribal Storage Tank

Source: TCEQ

Facility #: 0021532

TCEQ Customer ID: 058251

Banks ID: 0021532

DAURY STORE

RT 5, YORKTOWN, TX 78164

Facility Contact Name:	LEROY RUPPERT	
Facility Contact Phone:	5125643258	
Facility Status:	INACTIVE	
Facility Type:	RETAIL	
Number of ASTs:	0	
Number of USTs:	0	
Tank #:	#1	#2
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	2/1/1993	2/1/1993
Capacity:	500	250
Install Date:	1/1/1953	1/1/1953
Above or Below Ground Tank:	below	below
Unit ID:		
Construction Material:		
Piping Type:		
Piping Material:	Steel	Steel
Tank Contents:		
Tank Release Vapor Monitor Status Stage 1:		
Corrosion Protection:		
Piping Corrosion Protection:		

End of PST Sites Section

Unmapped Sites Details: HW (68099)**HW - State/Tribal Hazardous Waste****HW - State/Tribal Hazardous Waste****Source: TCEQ****Register #: 68099****EPA ID: TXD000463133****Banks ID: 68099**

CITY OF YORKTOWN LANDFILL

RR 1, YORKTOWN, TX 78164

Status:	INACTIVE
Location Description:	Route 1, Yorktown, TX
Additional State ID:	23082
Permit Number:	
Facility Type:	Generator
Facility Contact Name:	
Facility Contact Phone:	512-5642611
Company Name:	CITY OF YORKTOWN

End of HW Sites Section

Unmapped Sites Details: RCRA (TXD000463133)

RCRA - RCRA

RCRA - RCRA		Source: EPA
EPA Handler ID: TXD000463133	Handler Sequence Number: 2	Banks ID: TXD000463133
CITY OF YORKTOWN ROUTE 1, YORKTOWN, TX 78164		
Status:	Inactive	
Owner Name:	CITY OF YORKTOWN	
Operator Name:	CITY OF YORKTOWN	
Mailing Address Street #:		
Mailing Address Street:	PO BOX 605	
Mailing Address Street:		
Mailing Address City:	YORKTOWN	
Mailing Address State:	TX	
Mailing Address Zip:	78164	
Contact Name:	ENVIRONMENTAL MANAGER	
Contact Address Street #:		
Contact Address Street:	PO BOX 605	
Contact Address Street:		
Contact Address City:	YORKTOWN	
Contact Address State:	TX	
Contact Address Zip:	78164	
Contact Phone:	512-564-2611	
Contact Email Address:		
Government Performance and Results Act (GPRA) Permit:	The facility does not exist on the Operating/Post-Closure Permit Baseline.	
Government Performance and Results Act (GPRA) Corrective Action:	No	
Permit Workload:		
Closure Workload:		
Post-Closure Workload:		
Subject to Corrective Action:	No	
Subject to Corrective Action 3004:	No	
Subject to Corrective Action Non-TSDF:	No	
Corrective Action Workload:	No	
Generator Status:	Not a Generator	
Nuclear Mixed Waste Handler:	No	
Onsite Burner Exemption:	No	
Furnace Exemption:	No	
Underground Injection Activity:	No	
NAIC Description 1:		
NAIC Description 2:		
NAIC Description 3:		
NAIC Description 4:		
Federal Generator Class:	Not a Generator, Verified	
State Generator Class:		
Environmental Controls in Place:	No	
Institutional Controls in Place:	No	
Groundwater Controls in Place:	No	
Significant Non-Compliance:	No	
Unaddressed Significant Non-Complier:	No	
Addressed Significant Non-Complier:	No	
Significant Non-Complier with Compliance Schedule:	No	
Short Term Generator:	No	
Mixed Waste Generator:	No	
Transfer Facility:	No	
Importer Activity:	No	
Transporter Activity:	No	
Recycler Activity:	No	
Receives waste from Offsite:	No	

Unmapped Sites Details: RCRA (TXD000463133)



Continued from Previous Page

Universal Waste:	No
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End of RCRA Sites Section

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
NPL -- National Priority List	EPA	NPL is the list of high priority hazardous waste sites in the United States eligible for long-term remedial action financed under the federal Superfund program or SEMS database (formerly known as the CERCLIS database). The EPA will only add sites to the NPL list based upon completion of the Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed.	Quarterly	05/14/2018	05/14/2018	05/18/2018	04/11/2018
DNPL -- Delisted National Priority List	EPA	DNPL is a list of all sites that have been deleted from the EPA NPL list (SEMS database). These sites are taken off the NPL list usually due to no further response or remedial action being required on them. Notices to delete NPL sites are published in the Federal Register and become effective unless the EPA receives significant adverse or critical comments during the 30-day public comment period.	Quarterly	05/14/2018	05/14/2018	05/18/2018	04/11/2018
CER SEMS -- SEMS	EPA	The EPA maintains the SEMS database to track sites under the Comprehensive Environmental Response, Compensation, and Liability Act, a federal law designed to clean up abandoned hazardous waste sites. These sites are either proposed, listed or under review currently to be a part of the National Priority List.	Quarterly	05/14/2018	05/14/2018	05/18/2018	04/11/2018
CER SEMS NFRAP -- SEMS NFRAP	EPA	From the Superfund Enterprise Management System (SEMS) database No Further Remedial Action Planned or NFRAP have been removed from the listing. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	Quarterly	05/14/2018	05/14/2018	05/18/2018	04/11/2018
RCRA COR -- RCRA CORRACTS	EPA	These sites are registered hazardous waste generators or handlers that fall under the Resource Conservation and Recovery Act (RCRA) and subject to corrective action activity.	Quarterly	05/24/2018	05/24/2018	05/25/2018	04/14/2018
RCRA TSD -- RCRA non-CORRACTS TSD	EPA	This database lists all treatment, storage and disposal of hazardous material sites that fall under the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence.	Quarterly	05/24/2018	05/24/2018	05/24/2018	04/14/2018
RCRA GEN -- RCRA Generators	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Small Quantity Generator (SQG) generates between 100kg and 1,000 kg of waste per month. A Large Quantity Generator (LQG) generates over 1,000 kg of waste per month. A Conditionally Exempt SQG (CEG) generates less than 100 kg of waste per month.	Quarterly	05/24/2018	05/24/2018	05/24/2018	04/14/2018
FED BWN -- Federal Brownfields	EPA	A listing of sites that assist the EPA in collecting, tracking, and updating information of sites in relation to the Small Business Liability Relief and Brownfields Revitalization Act. These sites are real property that is either abandoned or underutilized where redevelopment or expansion is complicated by real or perceived environmental contamination.	Quarterly	05/14/2018	05/14/2018	05/22/2018	05/01/2018
FED IC -- Federal Institutional Control	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use. ICs are meant to supplement Engineering Controls and will rarely be the sole remedy at a site. ICs are a type of Activity and Use Limitation (AUL).	Quarterly	05/14/2018	05/14/2018	05/22/2018	05/01/2018
FED EC -- Federal Engineering Control	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination. ECs are a type of Activity and Use Limitation (AUL).	Quarterly	05/14/2018	05/14/2018	05/22/2018	05/01/2018

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
ERNS -- ERNS List	EPA/National Response Center	ERNS is a national database used to store information on unauthorized releases of oil and hazardous substances that have been reported to the National Response Center since 2001. The NRC is the sole federal point of contact for reporting oil and chemical spills. Prior to 2001 this information was maintained by the EPA.	Annually	01/02/2018	01/05/2018	01/23/2018	01/05/2018
ST NPL -- State/Tribal Equivalent NPL (TX)	TCEQ	This database contains sites determined by the TCEQ that may constitute an imminent and substantial endangerment to public health and safety or to the environment due to a release or threatened release of hazardous substances into the environment.	Quarterly	05/02/2018	05/15/2018	05/23/2018	05/15/2018
ST CER -- State/Tribal Equivalent CERCLIS (TX)	NA	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
SWLF -- State/Tribal Disposal or Landfill (TX)	TCEQ	The SWLF database contains records of municipal solid waste facilities that may accept various types of municipal solid waste for processing or disposal, depending on the type of facility. A Municipal Solid Waste facility may also accept certain special wastes and non-hazardous industrial solid wastes if approved by the TCEQ executive director.	Quarterly	04/30/2018	04/30/2018	05/03/2018	04/17/2018
SWLF -- State/Tribal Disposal or Landfill (TX)	TCEQ	This database is a listing of closed and abandoned municipal solid waste landfills. The sites included are either unauthorized (UNUM_) or permitted (PERMAPP_).	N/A	N/A	N/A	N/A	N/A
LPST -- State/Tribal Leaking Storage Tank (TX)	TCEQ	This database contains information on leaking storage tanks, equipment failures, compliance, and releases in the state.	Quarterly	04/30/2018	05/02/2018	05/07/2018	04/04/2018
LPST -- State/Tribal Leaking Storage Tank (TX)	EPA	The Tribal LUST database (maintained by EPA Region 6) provides information on leaking underground storage tank on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	04/27/2018	04/27/2018	04/27/2018	10/06/2017
PST -- State/Tribal Storage Tank (TX)	TCEQ	This database contains information on above and underground storage tanks, compliance, and releases in the state.	Quarterly	04/30/2018	04/30/2018	05/03/2018	04/10/2018
PST -- State/Tribal Storage Tank (TX)	EPA	The Tribal UST database (maintained by EPA Region 6) provides underground storage tank information on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	04/27/2018	04/27/2018	04/27/2018	10/06/2017
ST IC -- State/Tribal Institutional Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use.	Quarterly	04/04/2018	04/04/2018	05/03/2018	04/02/2018
ST IC -- State/Tribal Institutional Control (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	04/04/2018	04/04/2018	05/03/2018	04/02/2018
ST EC -- State/Tribal Engineering Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination.	Quarterly	04/04/2018	04/02/2018	05/03/2018	04/02/2018

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
VCP -- State/Tribal Voluntary Cleanup (TX)	TCEQ	This database contains sites from both the Voluntary Cleanup Program (VCP) and the Innocent Operator Program (IOP). The VCP records contain information on contaminated sites that private parties have cleaned up through assistance from the State in the form of administrative, technical, and legal incentives. The IOP records are sites that have received certificates from the State acknowledging that 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.	Quarterly	04/04/2018	04/04/2018	05/03/2018	04/02/2018
VCP -- State/Tribal Voluntary Cleanup (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	04/30/2018	05/04/2018	05/07/2018	05/04/2018
ST BWN -- State/Tribal Brownfield (TX)	TCEQ	Brownfield sites are former industrial properties that lie dormant or underutilized due to liability associated with real or perceived contamination. In Texas, the TCEQ, in close partnership with the EPA and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of Brownfield's through the development of regulatory, tax, and technical assistance tools.	Quarterly	04/30/2018	04/30/2018	05/07/2018	04/30/2018
ST BWN -- State/Tribal Brownfield (TX)	RRC	The Railroad Commission of Texas' 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.	Quarterly	04/30/2018	05/04/2018	05/07/2018	05/04/2018
HW -- State/Tribal Hazardous Waste (TX)	TCEQ	This database contains information on facilities which store, process, or dispose of hazardous waste as maintained by the Industrial and Hazardous Waste Permits section of the TCEQ.	Quarterly	05/14/2018	05/14/2018	05/22/2018	05/01/2018
RCRA -- RCRA	EPA	This database lists all sites that fall under the Resource Conservation and Recovery Act (RCRA) and are not classifiable as treatment, storage, disposers of hazardous material, hazardous waste generator or subject to corrective action activity.	Quarterly	05/24/2018	05/24/2018	05/25/2018	04/14/2018
DRYC -- Dry Cleaners (TX)	TCEQ	Dry Cleaner data houses both the DCRP Program information and PERC information released by the TCEQ. The DCRP database contains records funded for state-lead clean up of dry cleaner related contaminated sites. The DCRP administers the Dry Cleaning Facility Release Fund to assist with remediation of contamination caused by dry cleaning solvents. There are two listings from this program: LIST#1 - A historic listing of any facility that registered with the DCRP indicating whether or not the facility has used Perchloroethylene (PERC) in the past. LIST#2 - A Prioritization list of dry cleaner sites. Facilities on this list will be investigated in order to determine the existence and or extent of possible contamination. Facilities which are not current on their DCRP payments get dropped from the program. Banks Environmental Data DOES NOT REMOVE these listings from our database so that we may present a more complete historical listing of facilities that may or may not have used PERC in the past.	Quarterly	05/14/2018	05/18/2018	06/07/2018	05/18/2018
MS -- State/Tribal Municipal Settings Designation (TX)	TCEQ	TCEQ defines a Municipal Settings Designation (MSD) as an official state designation given to a 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.	Quarterly	04/19/2018	04/19/2018	04/25/2018	04/01/2018

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