Report Version 5

Hazardous Materials Initial Site Assessment (ISA)

August 2018 District: Austin

183A Phase III from Hero Way to 1.1 miles north of SH 29

CSJ: 0914-05-192

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.

TxDOT Environmental Affairs Division
Effective Date: April 2017
510.02.DS
Version 5

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:0914-05-192	City: Leander/Liberty Hill	Zip Code: 78641/78642	County: Williamson
HWY: 183A/US 183	Limits: From Hero Way to 1.1 miles north of SH 29		

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.	
☒ Yes ☐ No ☐ 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: An 'Environmental Assessment' was completed for the 'Proposed Improvements on US 183 from SH 29 to 183A Williamson County, Texas' in April 2007 (revised in June 2008) CSJ: 0151-04-063. All of the concerns that were identified in that document were reviewed in this document. Initial investigations were completed in 2017. Project area was expanded to include 19 acres of additional ROW at project northern terminus and additional investigations and updates were completed in 2018.
☒Yes ☐ 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.	
☐ Yes ☒ 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.
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:	

☒ Yes ☐ No	**Project Excavations:** Will the work consist of substantial excavation operations. Substantial excavation includes, but is not necessarily limited to: • Underpass construction, • Storm sewer installations, and • Trenching or tunneling that would require temporary or permanent shoring.
☐ Yes ☒ No	**Dewatering of Groundwater:** Are there proposed de-watering operations. If yes, what is the estimated depth to groundwater?
☐ Yes ☒ 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.
☒ Yes ☐ 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.

☒ Yes
☐ No
☐ Not Available
☐ 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 concerns.

List Topo Maps Reviewed:	Dates:	Comments:
Leander	2016, 2013, 2008, 1987, 1979, 1962	No concerns.
Leander NE	2013, 2008, 1976, 1962	
Liberty Hill	2013, 2008, 1979, 1962	

☒ Yes
☐ No
☐ Not Available
☐ 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 concerns.

List All Aerial Photos Reviewed:	Photo Dates:	Comments:

	USDA, USGS, TXDOT, AMS, ASCS	2016, 2014, 2012, 2008, 2004, 1995, 1996, 1988, 1981, 1976, 1973, 1962, 1953, 1941	The northern portion of the project area (US 183) was widened sometime between 2008 and 2012, the southern portion was built on new right-of-way between 2004 and 2008.

☐Yes ☐ No ☒ Not Available ☐ 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:
☐Yes ☐ No ☒ Not Available ☐ 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:
☐Yes ☐ No ☒ Not Available ☐ 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:	
☐Yes ☐ No ☒ Not Available ☐ 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:	
☐Yes ☐ No ☒ 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:	
☐Yes ☐ No ☒ 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)

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.

Select the appropriate box below:

☒ 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.

☐ 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.

Section 5.1 Standard Database Sources of Environmental Information from Government Agency Records

Findings	Regulatory Record
☐**Sites Identified** ☒**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:	
☐**Sites Identified** ☒**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:	
☐Sites Identified ☒No Sites Identified ☐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:	
☐Sites Identified ☒No Sites Identified ☐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:	
☐Sites Identified ☒No Sites Identified ☐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:	
☐Sites Identified ☒No Sites Identified ☐Not Reviewed	Federal RCRA generators http://www.epa.gov/enviro/ (acquired property and adjoining properties)
Comments for Sites Identified:	
☒Sites Identified ☐No Sites Identified ☐Not Reviewed	Federal ERNS (or Responses) https://www.epa.gov/cleanups/cleanups-my-community (acquired property and adjoining properties)
Comments for Sites Identified: Four unmapped spills were recorded (ERNS) in the Banks Regulatory Database Report. All of them were located in unknown locations. Spill details suggest they are unlikely to be located in the project area. These reported releases are unlikely to impact the project area.	
☒**Sites Identified** ☐**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: One IHWCA site located at 9880 183A Toll Road, Leander, TX 78641 (Site 10 in Figure 3). There is an estimated 300 cubic yards of contaminated soil with abnormally high levels of arsenic, lead and selenium. The site is the proposed location of Austin Community College Leander Campus; the developers committed to clean up efforts prior to development. The site is located adjacent to and up gradient from the project area. The cleanup is ongoing (see attachments for more details).	

☐**Sites Identified** ☒**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:	
☐**Sites Identified** ☒**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:	
☐**Sites Identified** ☒**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:	
☒**Sites Identified** ☐**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: Four active PST found in adjacent properties (see Figure 3). Banks Site ID 1, Liberty Hill [Cement] Plant located at 120 County Road 213 Liberty Hill, TX 78642. One above ground 4,000 gallon diesel PST in use. Banks Site ID 2, QP Seward Junction (now an Exxon) located at 30 N Highway 183, Liberty Hill, TX 78642. Two below ground 20,000 gallon diesel and gasoline PST in use. Four PST removed from ground in 2000. Banks Site ID 3, CEFCO located at 707 S Highway 183, Leander, TX 78641. Two below ground tanks in use. One is a 20,000 gallon diesel and gasoline PST, the other is a 30,000 gallon gasoline PST. Four more PST were removed from ground in 2013. Banks Site ID 4,Chevron is located at 1350 Highway 183 Leander, TX 78641, the site is still under construction. Banks Site ID 5, Lauren Concrete Plant 7 located at 100 County Road 258, Liberty Hill, TX 78642. One above ground 6,000 gallon diesel PST in use.	
☒**Sites Identified** ☐**No Sites Identified**	**TCEQ voluntary cleanup program (VCP) sites*** **http://www15.tceq.texas.gov/crpub/** (0.5 mile minimum search distance from project limits)
Comments for Sites Identified: Banks Site ID 6, Emerald Ivy Property, west adjacent to US HWY 183, south of Morning Dove Lane and north of Whitewing Drive, in Leander, Tx. The 54.49 acre undeveloped property is still under investigation for soil contamination by heavy metals as of July of 2017. Further archival research is needed to determine the extent of contamination.	
☐Sites Identified ☒No Sites Identified ☐Not Reviewed	TCEQ Innocent Owner/ Operator (IOP) sites http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
☐**Sites Identified** ☒**No Sites Identified**	**TCEQ Dry Cleaners <u>remediation only</u> Database*** http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
☐**Sites Identified** ☒**No 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)
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: Railroad Commission of Texas Public GIS Viewer. No concerns found.
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
- 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.)
- 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
- 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): February 27, 2017 and August 10, 2018

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:

Much of the land adjacent to the project area is used for agricultural production (live stock and row crops). The north side of the project area is where most of the commercial businesses are located. There are a few commercial areas with gas stations and small businesses adjacent to the project area. On the southwest side of the project area there is a stock pile and a substation. There is another stock pile on the southwest corner of US 183 South and US 183A. On the southeast side of the South Fork of the San Gabriel River there is a utility site.

There is an electrical substation with chain-linked, barbed wire fencing on the southwest side of the project area (see Figure 3 and Photo 4). The site is outside of the project area, no spills or violations have been reported, and is of little concern.

There is a Municipal (City of Leander) Utility station at the intersection of US 183 and the South Fork of the San Gabriel River (Site 11 in Figure 3). The facility appeared to be in proper working condition, no indications of releases were observed, and none have been reported, although the contents it carries are unknown. No concern.

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**
☐**Unresolved** ☐**Resolved** ☒**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:	
☐**Unresolved** ☐**Resolved** ☒**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:	
☐**Unresolved** ☐**Resolved** ☐**No Issue** ☒**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:	

☐**Unresolved** ☒**Resolved** ☐**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.	
	☒Yes ☐No	ROW acquisition or partial acquisition of a parcel with one or more PSTs.
	☐Yes ☒No	Other- Describe:
Explain Unresolved or Resolved Issues: There have been no reported leaks or spills for any of the listed PSTs. The partial acquisition at the Lauren Concrete property would not affect the above-ground storage tank. Since future spills or releases could occur at these sites, their regulatory files should be reviewed later during project development.		
☐**Unresolved** ☐**Resolved** ☒**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.	
	☐Yes ☒No	Additional Research is needed or uncertain of impacts from one or more LPSTs. Request assistance from ENV.
	☐Yes ☒No	ROW acquisition or partial acquisition of a parcel with one or more LPSTs.
	☐Yes ☒No	One or more LPSTs are located within 0.25 miles of the project.
	☐Yes ☒No	Other- Describe:
Explain Unresolved or Resolved Issues:		
☐**Unresolved** ☐**Resolved** ☒**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.	
	☐Yes ☒No	Additional Research needed or uncertain of impacts. Request assistance from ENV.
	☐Yes ☒No	Database search identified TRRC VCP Site within 0.5 miles of project.
	☐Yes ☒No	Oil/ Gas Wells within future ROW.
	☐Yes ☒No	Spills or other Contamination Issues associated with ancillary equipment or pipelines.
	☐Yes ☒No	Other- Describe:
Explain Unresolved or Resolved Issues:		
☒**Unresolved** ☐**Resolved** ☐**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.	
	☒Yes ☐No	Additional Research is needed or uncertain of impacts from a Non-LPST site. Request assistance from ENV.
	☐Yes ☒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.
	☐Yes ☒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.
	☐Yes ☒No	Database search identified RCRA Corrective Action(s) site within 1 mile of project.
	☐Yes ☒No	Database search identified RCRA TSD facilities within 0.5 miles of project.
	☒Yes ☐No	Database search identified TCEQ IHW Corrective Action sites within 1 mile of project.
	☐Yes ☒No	Database search identified TCEQ Superfund sites within 1 mile of project.
	☒Yes ☐No	Database search identified TCEQ VCP sites within 0.5 miles of project.

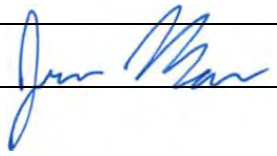
	☐Yes ☒No	Database search identified TCEQ IOP sites within 0.5 miles of project.
	☐Yes ☒No	Other- Describe:
Explain Unresolved or Resolved Issues:Further archival research and investigation are necessary to determine if contamination from the two sites is extensive enough to affect the project ROW (Sites 6 and 10).		
☐**Unresolved** ☐**Resolved** ☒**No Issue**	**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.	
	☐Yes ☒No	Additional research is needed or uncertain of impacts. Request assistance from ENV.
	☐Yes ☒No	Database search identified active/closed/abandoned CALF or MSWLF landfill sites within .5 miles of the project.
	☐Yes ☒No	Other- Describe:
Explain Unresolved or Resolved Issues:		

8.3 Did the ISA identify any Unresolved Hazardous Material concerns?

☐ 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.

☒ Yes, the ISA identified one or more unresolved hazardous materials concerns requiring additional investigations or assessments. An Issues, Identification, and Resolution (IIR) form shalll 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.

Section 9: Reference Materials Utilized (Identify any referenced materials and attach them to the ISA or in the project file.			
Referenced Materials Used	☒ Project Map	☒ USGS Topo Maps	☒ Aerial Photographs
	☐ ROW Maps/Files	☐ Sanborn Fire Insurance Maps	☐ Temporary Use Agreements
	☐ TxDOT As-Built Plans	☐ Notifications	☒ Photographs
	☒ Project Schematics/Profiles	☒ Regulatory Database	☐ Record of Interviews
	☒ Other:Railroad Commission of Texas Public GIS Viewer		

Section 10: Contact/Completed by		
Name:	Jesus Mares	**Tel: (512) 338-2223**
Title:	Environmental Scientist	
Firm (District Section):	Cox|McLain Environmental Consulting	
Address:	8401 Shoal Creek Blvd. #100 Austin, Texas 78757	
Signature:		**Date:August 16, 2018**

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	Version 5 The cover page has additional fields related to specific project information. This is added to personalize the ISA to a project. 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). 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. 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. Minor changes were made to terminology throughout the ISA, this was performed to clarify and streamline the process. 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.
June 2016	Version 4 Modifications to Section 5: Web links and database names were modified based on changes made by regulatory agency websites.
October 2014	Version 3 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. 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. Modifications to Section 3: The question concerning Project Excavations in Section 3.1 was modified to match the definition used in Scoping Procedure for Categorically Excluded TxDOT Projects for Hazardous Materials found in the NEPA and Project Development Toolkit. Modifications to Section 5: Web links were modified based on changes made by regulatory agency websites. 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.

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

List of Attachments

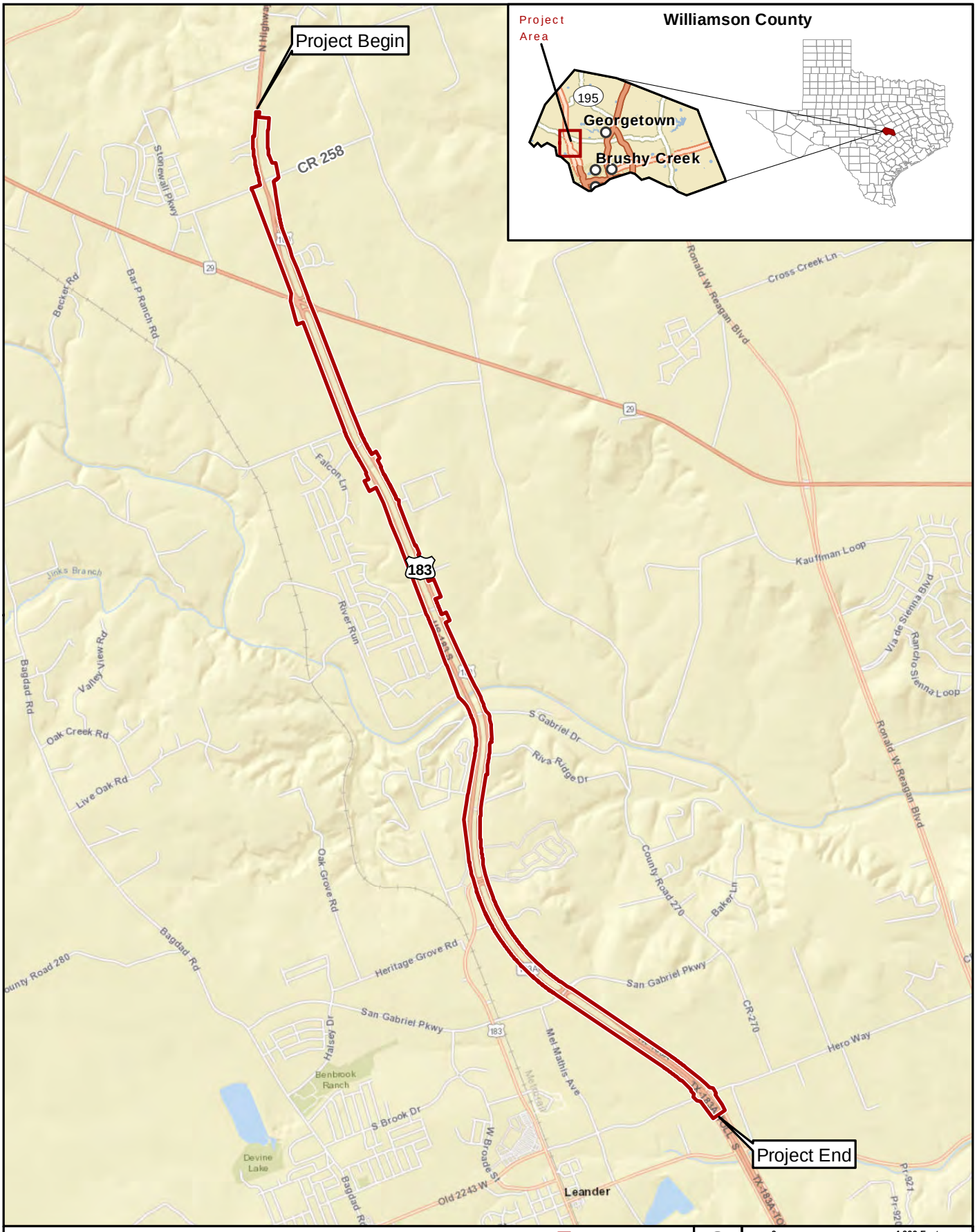


Figure 1

Project Location (Road Base)

183A Phase III

Basemap Source: ESRI (2018)

Prepared for: TxDOT, CTRMA	1 in = 4,000 ft
	Scale: 1:48,000
CSJ: 0914-05-192	Date: 8/14/2018

0 4,000 Feet

0 1 Kilometer

G:\Projects\CTRMA\183A_PhaseIII\all_Figure 1_Project Location_Road_20180814.mxd

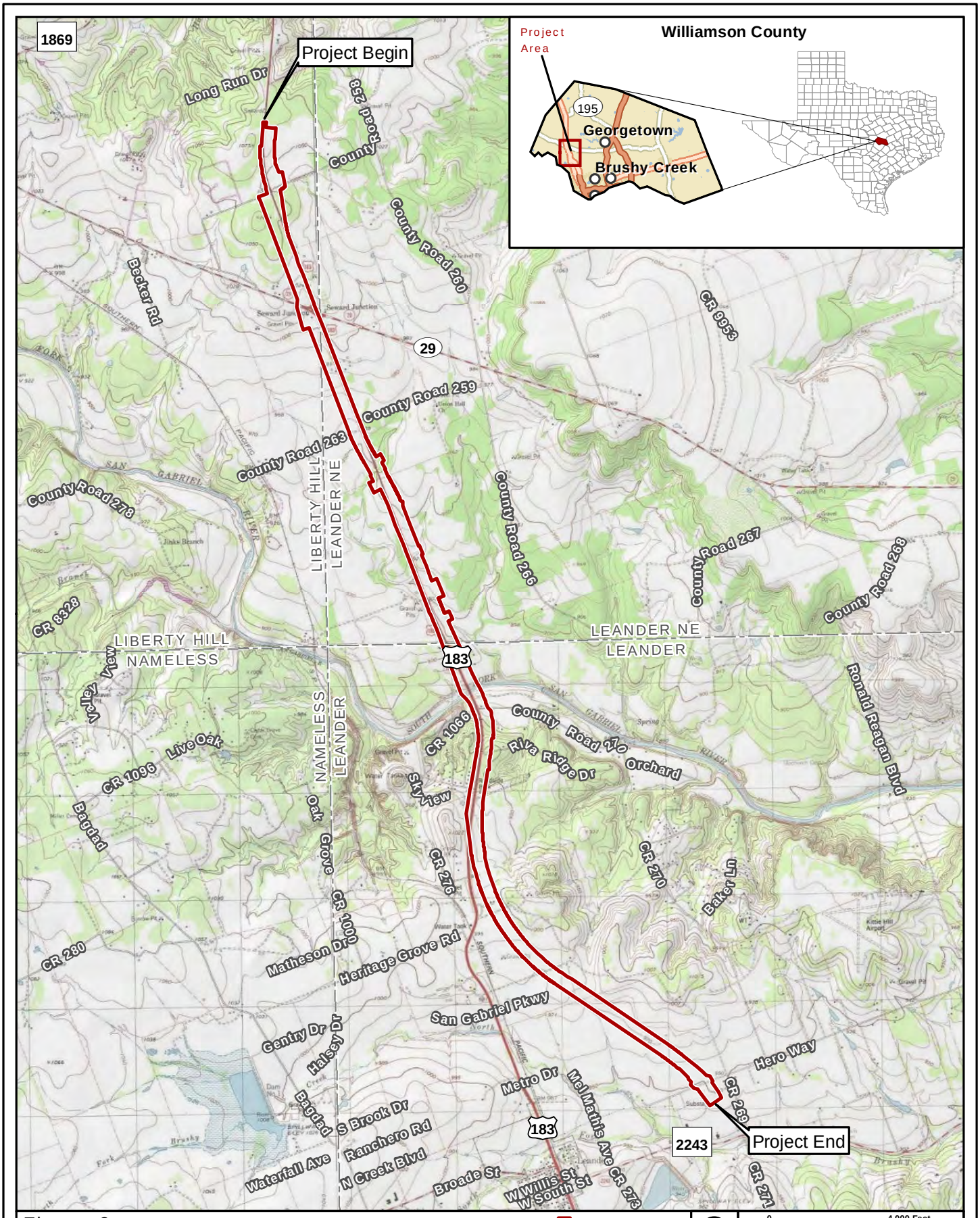


Figure 2

Project Location (Topographic Base)

183A Phase III

Project Location

Basemap Sources: USGS Liberty Hill, Leander, Nameless, Leander NE 7.5' Quadrangles (1979, 1976, 1986, 1987)

0 4,000 Feet

0 1 Kilometer

Prepared for: TxDOT, CTRMA	1 in = 4,000 ft
	Scale: 1:48,000
CSJ: 0914-05-192	Date: 8/14/2018

G:\Projects\CTRMA\183A_PhaseIII\all_Figure 2_Project Location_Topo_20180814.mxd

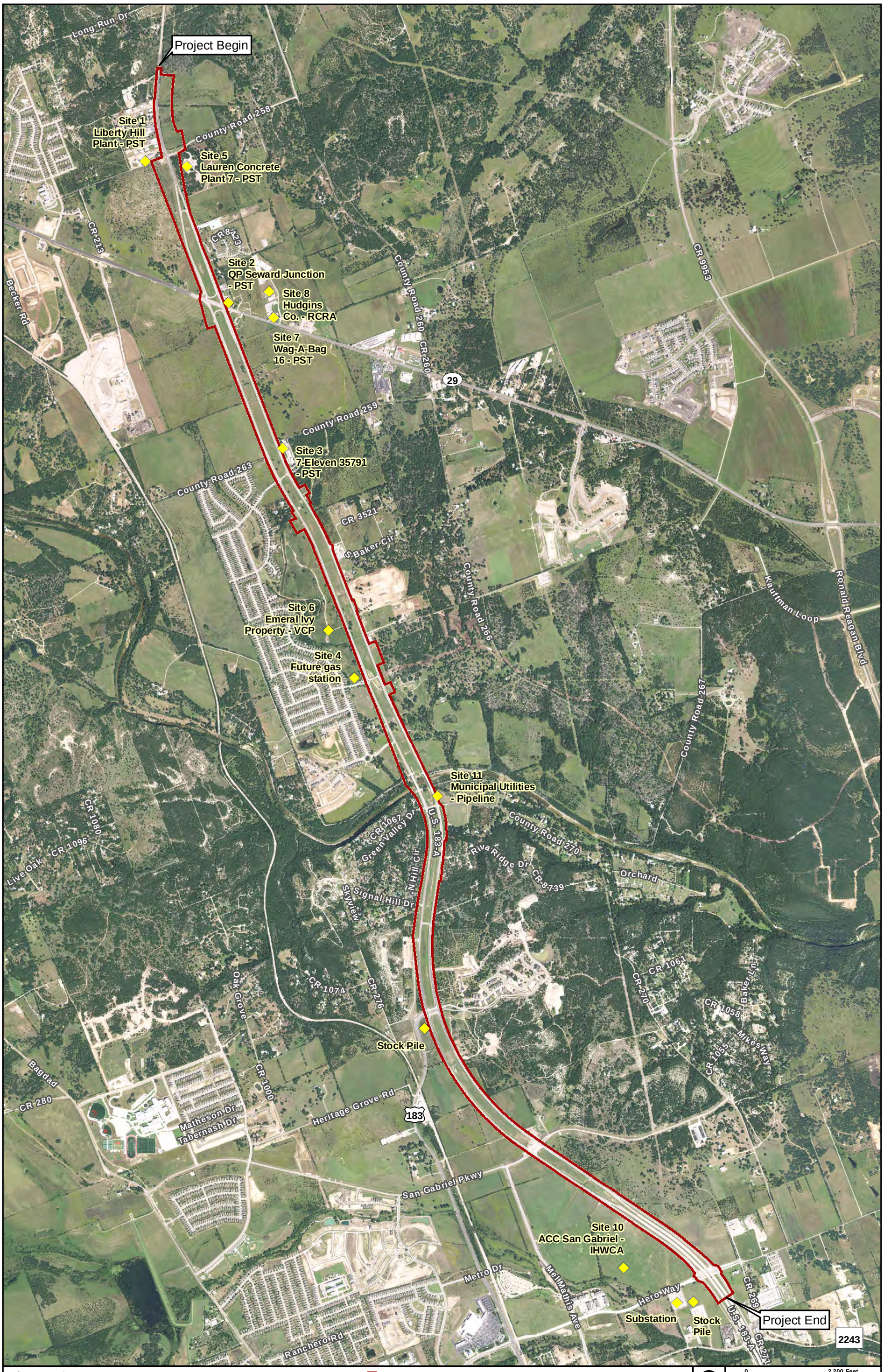


Figure 3

Sites of Concern

183A Phase III

Project Location Potential Hazardous Material Site

Data Sources: Banks (2018), CMEC (2018)
Aerial Source: NAIP (2016)

0 2,200 Feet
0 600 Meters

Prepared for: TxDOT, CTRMA	1 in = 2,200 feet
	Scale: 1:26,400
CSJ: 0914-05-192	Date: 8/14/2018

G:\Projects\CTRMA\183A_PhaseIII\HazMat_Figure 3_Sites of Concern_20180628.mxd

Photo 1: Figure 3 Site 1, Liberty Hill Plant, facing north.

Photo 2: Figure 3 Site 2, Exxon (active gas station), facing south.

Photo 3: Figure 3 Site 3, CEFCO (active gas station), facing northwest.

Photo 4: Figure 3 Site 4, future Chevron gas station, facing north.

Photo 5: Figure 3 Site 5, Lauren Concrete Plant, facing south.

Photo 6: Figure 3 Site 6, Emerald Ivy Property VCP site, facing southwest.

Photo 7: Figure 3 Site 7, Wag-A-Bag (active gas station), facing north.

Photo 8: Figure 3 Site 8, Hudgins located behind Site 7, facing northwest.

Photo 9: Figure 3 Site 10, ACC San Gabriel (IHWCA site), facing northeast.

Photo 10: Figure 3 Site 11, Municipal Utilities Pipeline, facing north.

Photo 11: Electrical substation located on the southwest corner of Hero Way and 183A, facing southeast.

Photo 12: Stock pile located east of electrical substation, facing south.

Photo 13: Stock pile located at the southwest corner of US 183 South and 183A, facing southwest.

Prepared for:

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

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Historical Topographic Maps

183A Phase III

Williamson County ,TX

PO #: 104-004-001

ES-128403

Tuesday, June 26, 2018

Date: 2016
Source: USGS

0 1,125 2,250 4,500 Feet

BANKS ENVIRONMENTAL DATA
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Seward Junction
Liberty Hill
Leander NE
Jinks Branch
Wells Cem
Upchurch Cem
Kittie Hill Airport
Nameless
Leander
Soil Conservation Service Site 1 Reservoir
LEANDER
Davis Cem
LONG RUN
STONEWALL PKWY
DRYSTONE TRL
CORD 258
CORD 213
BAR P RANCH RD
HOLMES DR
CORD 260
RONALD W REAGAN BLVD
CROSS CREEK LN
SANTA RITA BLVD
PEGGY DR
CORD 259
CORD 263
N BAKER CIR
S BAKER CIR
FALCON LN
RIVER RUN
LARK ST
HOOT OWL LN
CORD 266
CORD 257
KAUFFMAN LOOP
S GABRIEL DR
GREEN VALLEY DR
HIGH GABRIEL DR
SKYVIEW TER
RIVA RDG
ORCHARD DR
LIVE OAK RD
OAK GROVE RD
SIGNAL HILL DR
AMANDAS WAY
CORD 276
HWY 183
CORD 270
KING LN
BAKER LN
MIKES WAY
CORD 280
WASHBURN DR
GENTRY DR
AIKEN DR
HALSEY DR
SAN GABRIEL PKWY
N Fork Brushy Cr
CORD 269
WHITLEY DR
BURGESS DR
CLAYTON DR
WATERFALL AVE
RIVERWAY LN
EAGLECREEK
CORD 279
NORTHCREEK BLVD
OLD 2243 W
W BROADE ST
RANCH ROAD 2243
S Fork Brushy Cr
Brushy Cr
CORD 267
CORD 266
FLORENZ LN
Middle Fork San Gabriel River
S Fork San Gabriel River

Date: 2013
Source: USGS

0 1,125 2,250 4,500 Feet

BANKS ENVIRONMENTAL DATA
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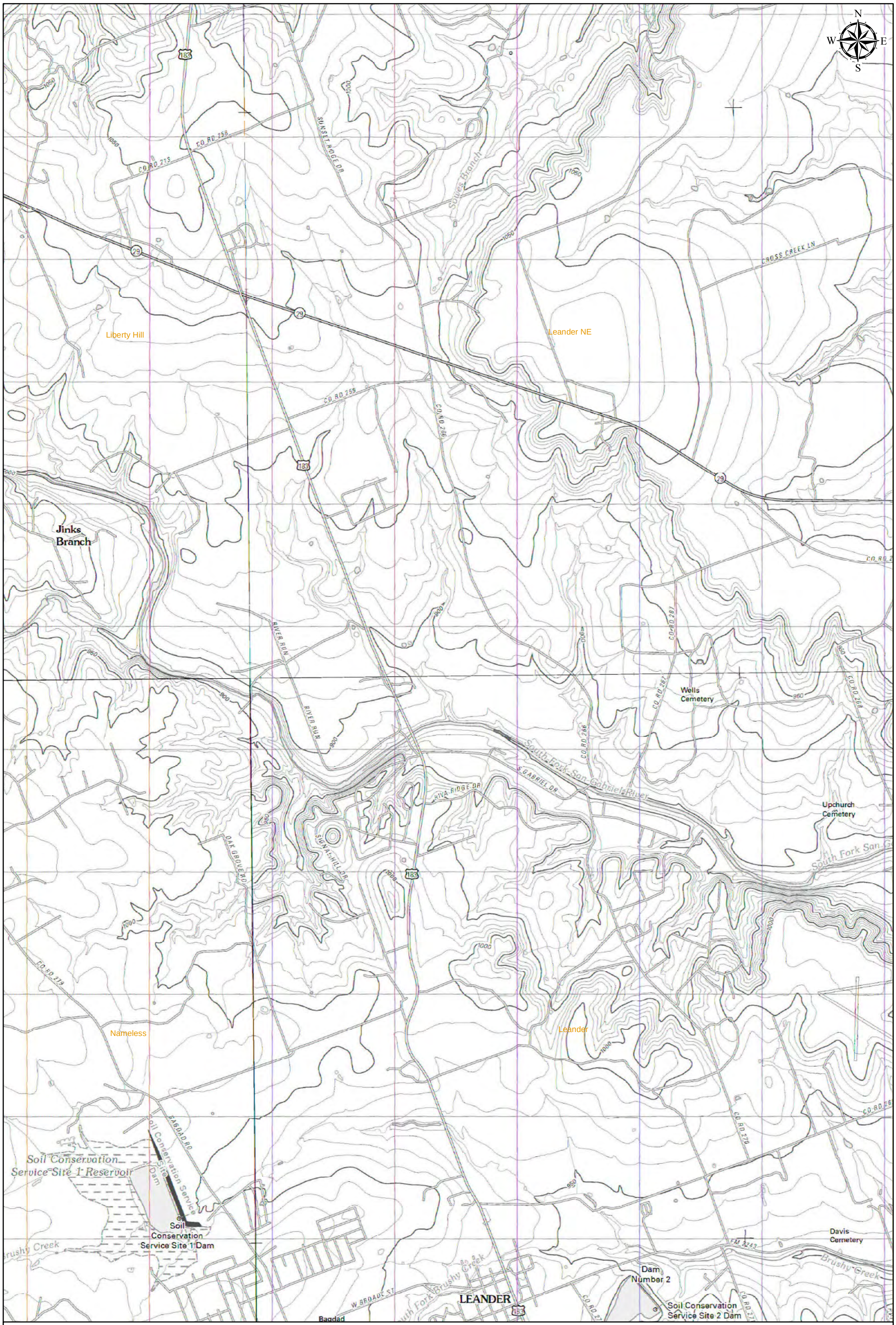

Date: 2010
Source: USGS

0 1,125 2,250 4,500 Feet

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Date: 1987
Source: USGS

Feet
0 1,125 2,250 4,500

BANKS
ENVIRONMENTAL DATA
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Date: 1979
Source: USGS

0 1,125 2,250 4,500 Feet

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Liberty Hill

Leander NE

Nameless

Leander

Date: 1962
Source: USGS

0 1,125 2,250 4,500 Feet

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Austin TX 78757

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Historical Aerial Photographs

183A Phase III

Williamson County, TX

PO #: 104-004-001

ES-128403

Wednesday, June 27, 2018

Date: 2016
Source: USDA

0 1,125 2,250 4,500 Feet

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Date: 2012
Source: USDA

0 1,125 2,250 4,500 Feet

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Date: 2008
Source: USDA

0 1,125 2,250 4,500 Feet

BANKS
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Date: 2004
Source: USDA

0 1,125 2,250 4,500 Feet

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Date: 1995
Source: USGS

0 1,125 2,250 4,500 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1988
Source: TXDOT

Feet
0 1,125 2,250 4,500

BANKS
ENVIRONMENTAL DATA
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Date: 1981
Source: USGS

0 1,125 2,250 4,500 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1976
Source: TXDOT

0 1,125 2,250 4,500 Feet

BANKS
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Date: 1962
Source: USGS

0 1,125 2,250 4,500 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1953
Source: AMS

0 1,125 2,250 4,500 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1941
Source: ASCS

0 1,125 2,250 4,500 Feet

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AERIAL SOURCE DEFINITIONS

Acronym	Agency
AerialOK	Aerial Oklahoma
AMS	Army Mapping Service
ASCS	Agricultural Stabilization & Conservation Service
EDAC	Earth Data Analysis Center
Fairchild	Fairchild Aerial Surveys
LDOT	Louisiana Department of Transportation
TXDOT	Texas Department of Transportation
USNavy	United States Navy
USAF	United States Air Force
USCOE	United States Corps of Engineers
USDA	United States Department of Agriculture
USGS	United States Geological Survey
WALLACE	Wallace-Zingery Aerial Surveys
WSDOT	Washington State Department of Transportation

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BANKS ENVIRONMENTAL DATA
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Regulatory Database Report

ASTM E1527-13/AAI Compliant

183A Phase III

TX

Williamson County

PO #: 104-004-001

ES-128403

Tuesday, June 26, 2018

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Table of Contents

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
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Geographic Summary

Location
Williamson County, TX
Target location is 0.559 square miles and has a 13.81 mile perimeter

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	78641, 78642, 78633
0.25 miles	78641, 78642, 78633
0.5 miles	78628, 78633, 78641, 78642, 78633
1 mile	78628, 78633, 78641, 78642, 78633

Topos Searched	
Search Distance	**Topo Name**
Target Property	Leander (1979), Leander NE (1976), Liberty Hill (1979)
0.25 miles	Leander (1979), Leander NE (1976), Liberty Hill (1979)
0.5 miles	Leander (1979), Leander NE (1976), Liberty Hill (1979)
1 mile	Leander (1979), Leander NE (1976), Liberty Hill (1979), Nameless (1979)

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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	0	0
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	0	0	0
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	0	4	4
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	0	0
State/Tribal Leaking Storage Tank (LPST)	0.5	0	0	0
State/Tribal Storage Tank (PST)	0.25	8	0	8
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	1	0	1
State/Tribal Brownfield (ST BWN)	0.5	0	0	0
State/Tribal Hazardous Waste (HW)	0.25	0	0	0
Non-ASTM/AAI Required Databases				
RCRA (RCRA)	0.25	1	0	1
Dry Cleaners (DRYC)	0.25	0	0	0
State/Tribal Municipal Settings Designation (MS)	0.25	0	0	0
Total Sites Found		**10**	**4**	**14**

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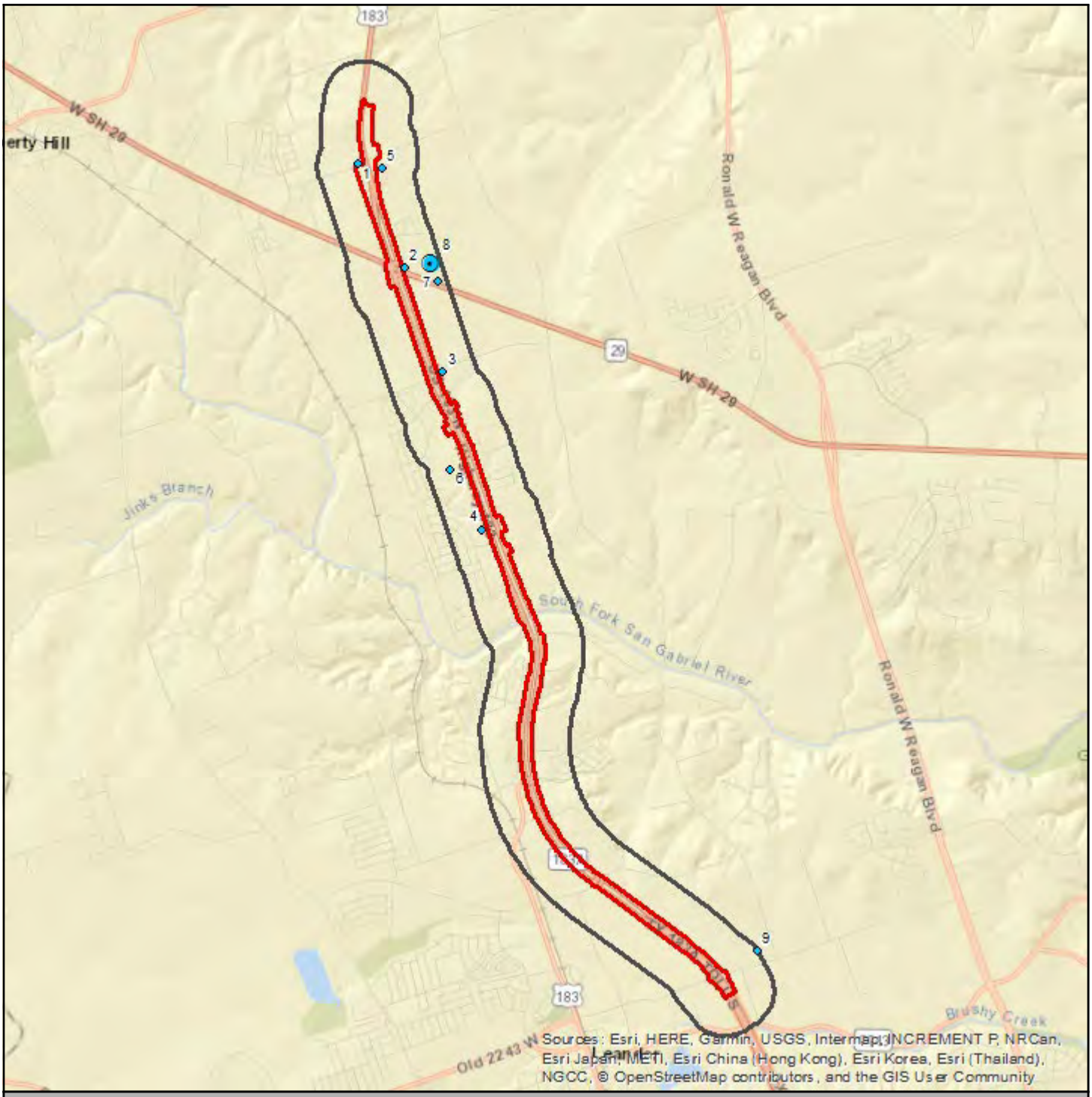
Summary Map - 0.25 Mile Buffer



183A Phase III

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

ERNS, HW, RCRA, DRYC

Target Property

Search Buffer

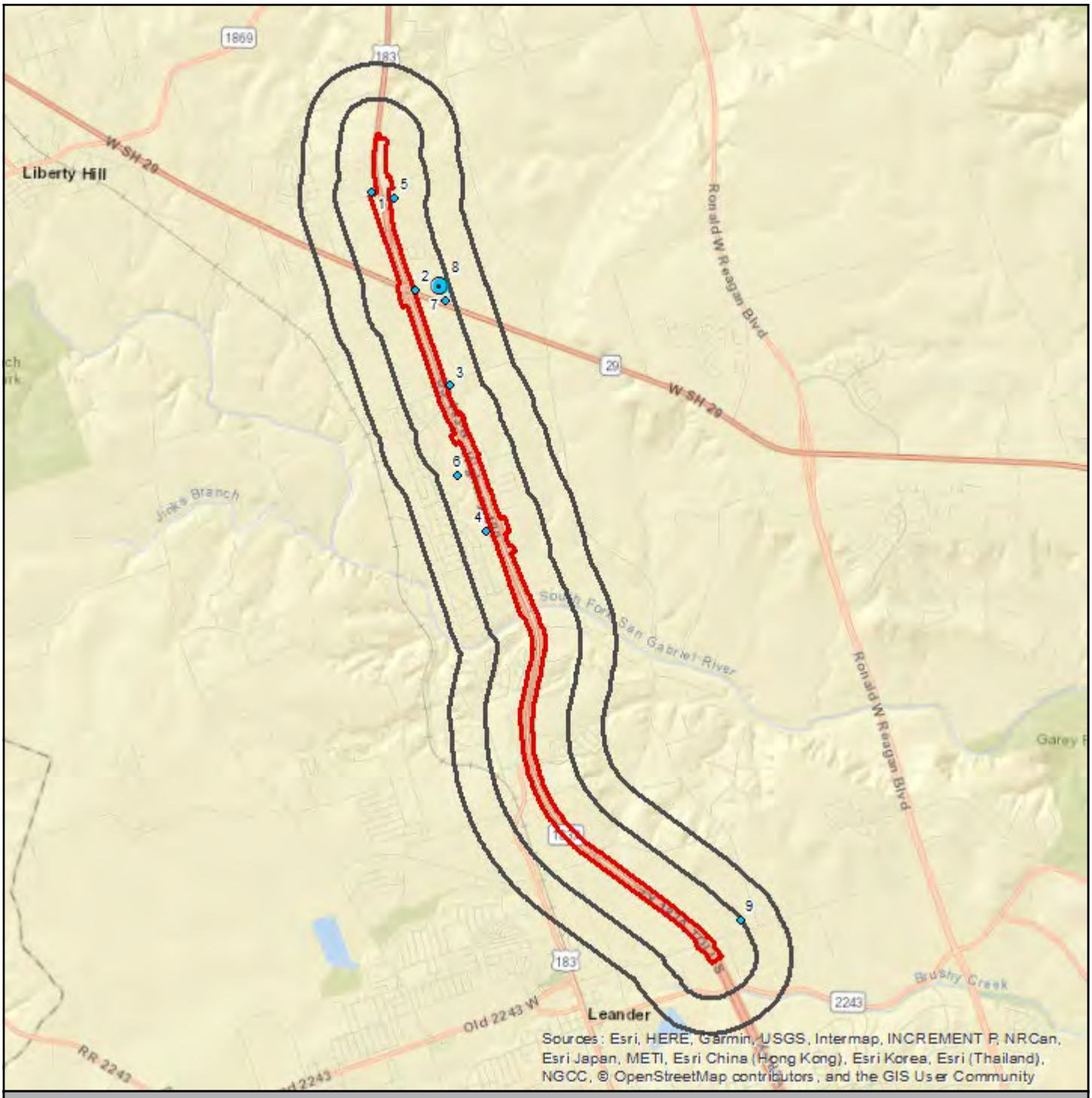
1 : 60,000

1 inch = 0.947 miles
1 inch = 5000 feet
1 centimeter = 0.600 kilometers
1 centimeter = 600 meters

N

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

Summary Map - 0.5 Mile Buffer



183A Phase III

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

ERNS, HW, RCRA, DRYC

Target Property

Search Buffer

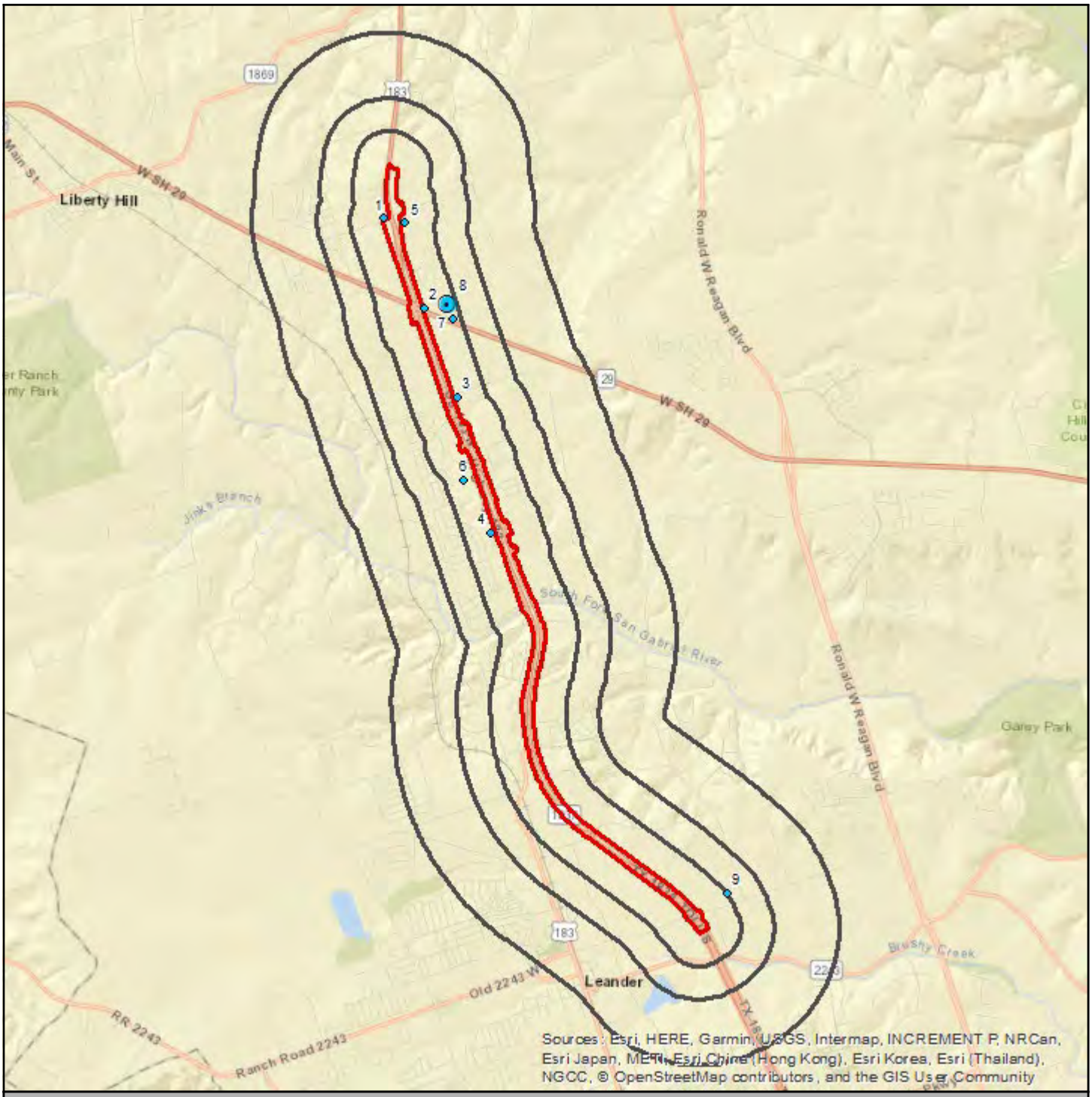
1 : 65,000

1 inch = 1.026 miles
1 inch = 5417 feet
1 centimeter = 0.650 kilometers
1 centimeter = 650 meters

N

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

Summary Map - 1 Mile Buffer



183A Phase III

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
ERNS, HW, RCRA, DRYC

Target Property

Search Buffer

1 : 70,000
1 inch = 1.105 miles
1 inch = 5833 feet
1 centimeter = 0.700 kilometers
1 centimeter = 700 meters

N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
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Topographic Overlay Map - 1 Mile Buffer

183A Phase III

Target Property

Search Buffer

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

1 : 70,000
1 inch = 1.105 miles
1 inch = 5833 feet

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

N

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Current Imagery Overlay Map - 0.5 Mile Buffer

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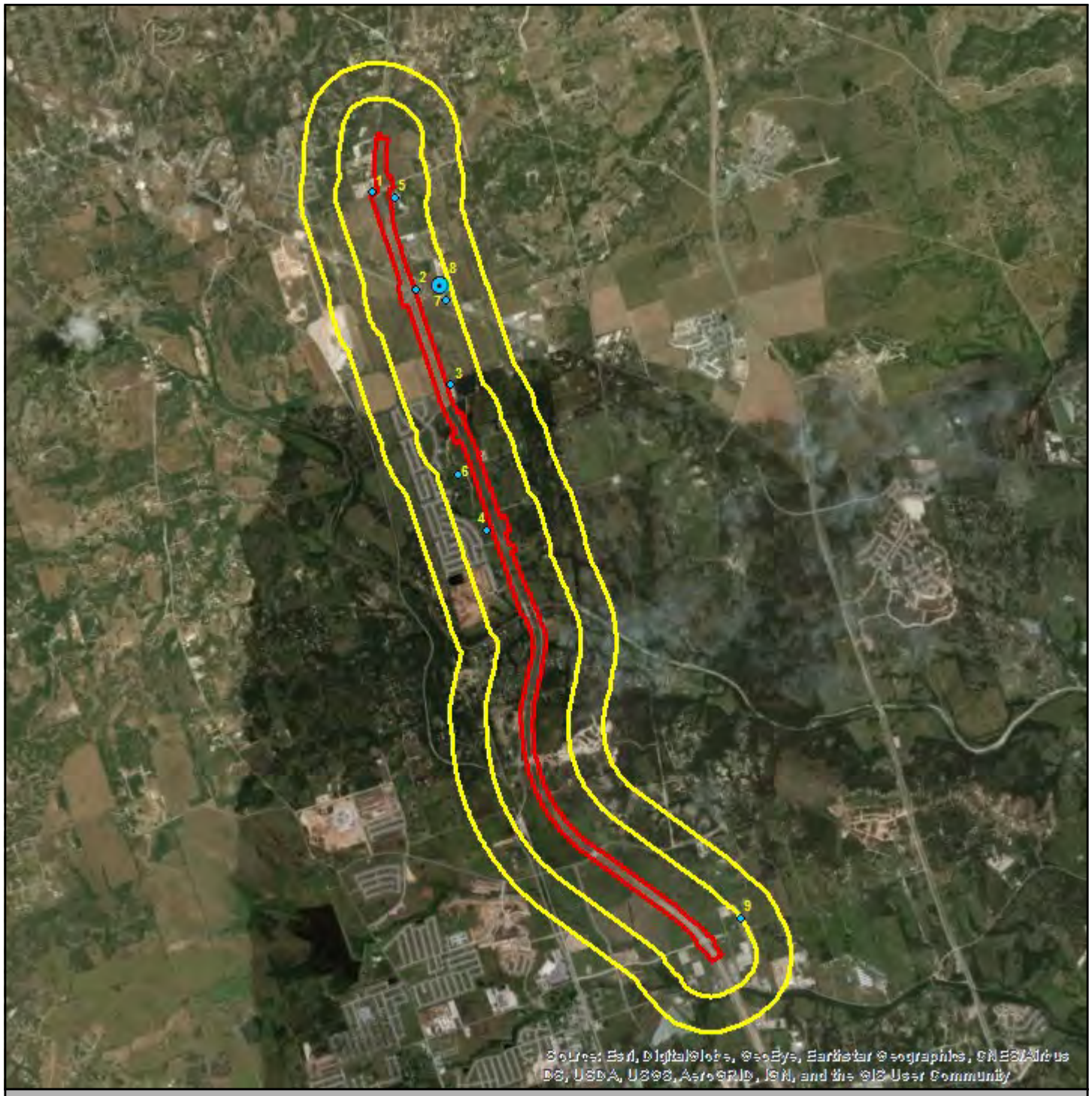


183A Phase III

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract
ERNS, HW, RCRA, DRYC

Target Property

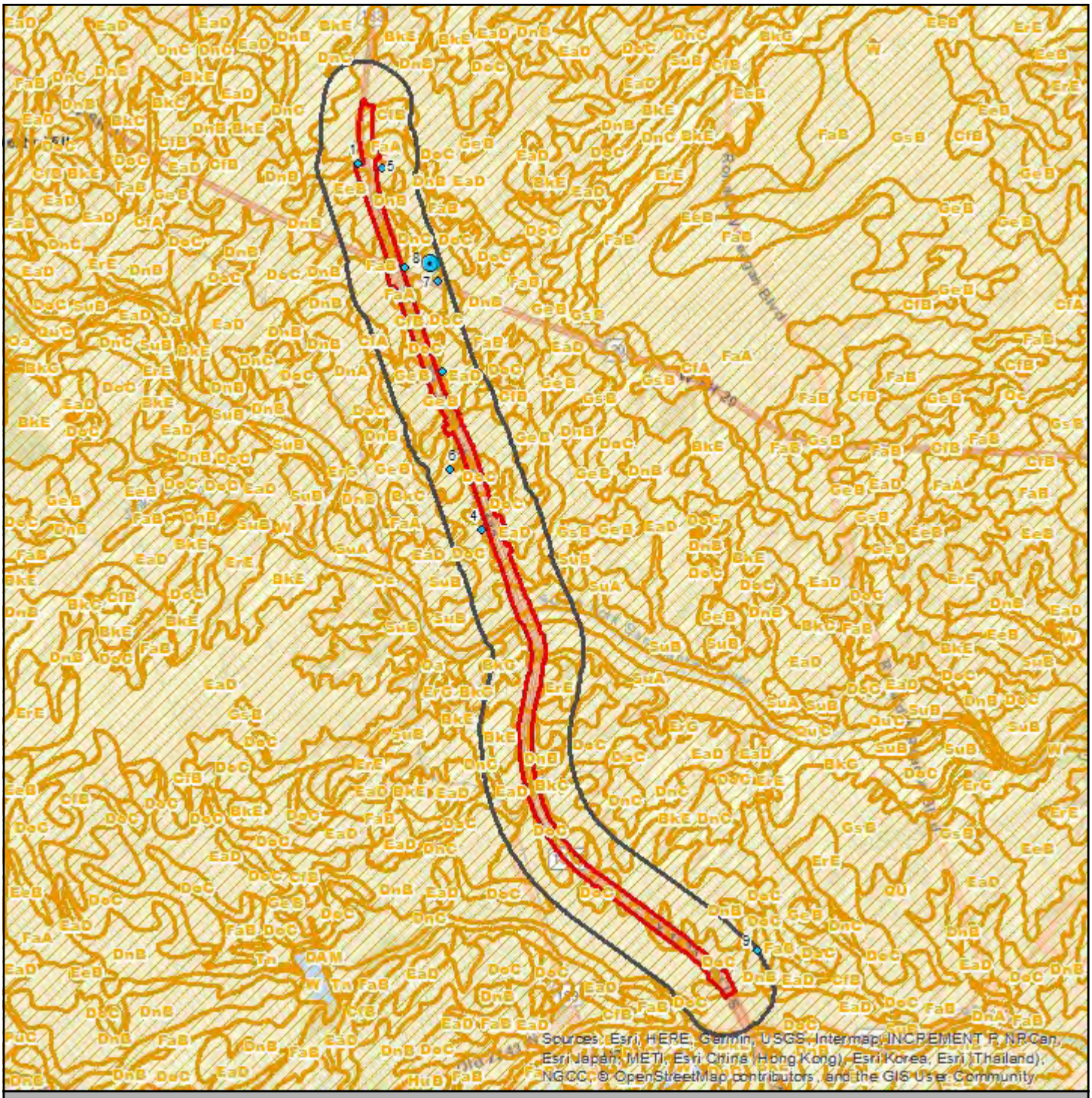
Search Buffer

1 : 65,000
1 inch = 1.026 miles
1 inch = 5417 feet
1 centimeter = 0.650 kilometers
1 centimeter = 650 meters

N

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



183A Phase III

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER

Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract

ERNS, HW, RCRA, DRYC

Target Property

Search Buffer

Soils Boundary

1 : 60,000

1 inch = 0.947 miles
1 inch = 5000 feet
1 centimeter = 0.600 kilometers
1 centimeter = 600 meters

N

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

Soils

Soils Types Found	
Target Property	DnB, EaD, GeB, DoC, FaA, EaD, DoC, CfB, DnB, FaB, EeB, BkC, DoC, FaA, FaB, DoC, DnB, CfB, Oc, EaD, DoC, ErG, DoC, DnB, GeB, GeB, BkE, DoC, DoC, SuA, EaD, DoC, EaD, BkC, DnB, BkG, SuB, FaB, EaD
Within 0.25 miles of Target Property	DnB, EaD, DoC, GeB, DoC, GeB, FaA, DnB, EaD, DoC, CfB, DnB, DoC, FaB, DnC, EeB, EaD, BkC, DoC, FaA, BkE, FaB, DoC, DnB, CfB, DnB, CfA, Oc, EaD, DoC, DoC, ErG, Of, DoC, DnB, GeB, CfB, FaB, GeB, DoC, SuB, BkE, ErE, DoC, DoC, SuA, DoC, BkE, CfB, DnB, DoC, EaD, DoC, EaD, BkC, DnC, DnB, DoC, DnB, DoC, SuB, SuA, BkG, SuB, FaB, EaD

Soil Type Descriptions

BkC - Brackett association, 1 to 8 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	36 cm

Brackett (87 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	13 to 50 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay loam	0 cm	13 cm	A-6, A-7-6	CL, GC
Bk	Clay loam	13 cm	36 cm	A-4, A-6, A-7-6	CL, GC
Cr	Bedrock	36 cm	152 cm		

Eckrant (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

Bolar (3 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Doss (3 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	28 to 51 cm to Paralithic bedrock

Krum (2 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

BkE - Brackett gravelly clay loam, 3 to 12 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	41 cm

Brackett (92 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	15 to 50 cm to Paralithic bedrock

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Soils

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Gravelly clay loam	0 cm	13 cm	A-2-6, A-6, A-7-6	CL, GC
Bk	Clay loam	13 cm	41 cm	A-2-4, A-6, A-7-6	CL, GC, SC
Cr	Bedrock	41 cm	152 cm		

Sunev (6 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Austin (2 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

BkG - Brackett-Rock outcrop-Real complex, 8 to 30 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	0 cm

Brackett (38 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	25 to 50 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Gravelly clay loam	0 cm	15 cm	A-2-6, A-6, A-7-6	CL, GC
Bk	Gravelly clay loam	15 cm	36 cm	A-2-4, A-6, A-7-6	CL, GC, GC-GM
Cr	Bedrock	36 cm	152 cm		

Rock outcrop (25 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	0 to 5 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
R	Bedrock	0 cm	203 cm		

Real (22 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	20 to 48 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Gravelly loam	0 cm	10 cm	A-2-4, A-2-6, A-7-5	GC, GM, MH
Ak	Extremely gravelly loam	10 cm	36 cm	A-2-4, A-2-7, A-7-5	GM, GP-GC
Cr	Bedrock	36 cm	102 cm		

Eckrant (10 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	10 to 50 cm to Lithic bedrock

Soils

Volente (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

CfA - Crawford clay, 0 to 1 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	81 cm

Crawford (88 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	15 cm	A-7-6	CH
Bss	Clay	15 cm	81 cm	A-7-6	CH
R	Bedrock	81 cm	102 cm		

Georgetown (4 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay loam	0 cm	18 cm	A-6, A-7-6	CL
Bt	Cobbly clay	18 cm	89 cm	A-7-6	CH
R	Bedrock	89 cm	119 cm		

Fairlie (3 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	20 cm	A-7	CH
Bss	Clay	20 cm	117 cm	A-7	CH
Cr	Bedrock	117 cm	137 cm		

Purves (3 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Silty clay	0 cm	28 cm	A-7-5, A-7-6	CH
Bk	Very gravelly silty clay	28 cm	36 cm	A-2-7, A-7-6	CH, GC, GP-GC
R	Bedrock	36 cm	61 cm		

Unnamed (2 percent)

CfB - Crawford clay, 1 to 3 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	69 cm

Soils

Crawford (85 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	15 cm	A-7-6	CH
Bss	Clay	15 cm	69 cm	A-7-6	CH
R	Bedrock	69 cm	76 cm		

Denton (4 percent)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	102 to 152 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
2Bk	Silt loam	52 cm	91 cm	A-6, A-7-6	CL
2CBk	Silt loam	91 cm	132 cm	A-4, A-6	CL, CL-ML, GC, GC-GM
2R	Bedrock	132 cm	178 cm		
A	Silty clay	0 cm	33 cm	A-7-5, A-7-6	CH
Bw	Silty clay	33 cm	52 cm	A-7-5, A-7-6	CH

Fairlie (4 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	20 cm	A-7	CH
Bss	Clay	20 cm	117 cm	A-7	CH
Cr	Bedrock	117 cm	137 cm		

Georgetown (4 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay loam	0 cm	18 cm	A-6, A-7-6	CL
Bt	Cobbly clay	18 cm	89 cm	A-7-6	CH
R	Bedrock	89 cm	119 cm		

Purves (2 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Silty clay	0 cm	28 cm	A-7-5, A-7-6	CH
Bk	Very gravelly silty clay	28 cm	36 cm	A-2-7, A-7-6	CH, GC, GP-GC
R	Bedrock	36 cm	61 cm		

Unnamed (1 percent)

Soils

DnB - Denton silty clay, 1 to 3 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	91 cm

Denton (88 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	56 to 152 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Silty clay	0 cm	36 cm	A-7-6	CH, CL
Bk	Silty clay	64 cm	84 cm	A-7-6	CH, CL
Bw	Silty clay	36 cm	64 cm	A-7-6	CH, CL
Ck	Gravelly silty clay	84 cm	91 cm	A-2-6, A-6, A-7-6	CH, CL, GC
R	Bedrock	91 cm	203 cm		

Krum (6 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Doss (4 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	28 to 51 cm to Paralithic bedrock

Anhalt (2 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

DnC - Denton silty clay, 3 to 5 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	91 cm

Denton (88 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	56 to 152 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Silty clay	0 cm	36 cm	A-7-6	CH, CL
Bk	Silty clay	64 cm	84 cm	A-7-6	CH, CL
Bw	Silty clay	36 cm	64 cm	A-7-6	CH, CL
Ck	Gravelly silty clay	84 cm	91 cm	A-2-6, A-6, A-7-6	CH, CL, GC
R	Bedrock	91 cm	203 cm		

Brackett (6 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

Soils

Doss (4 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	28 to 51 cm to Paralithic bedrock

Purves (2 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

DoC - Doss silty clay, moist, 1 to 5 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	43 cm

Doss (85 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	28 to 51 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Silty clay	0 cm	23 cm	A-7-6	CH
Bk	Silty clay	23 cm	43 cm	A-7-6	CH, CL
Cr	Bedrock	43 cm	203 cm		

Brackett (7 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 50 cm to Paralithic bedrock

Bolar (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Denton (1 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	102 to 152 cm to Lithic bedrock

Eckrant (1 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

Purves (1 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	20 to 51 cm to Lithic bedrock

EaD - Eckrant cobbly clay, 1 to 8 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	28 cm

Soils

Eckrant (85 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	10 to 50 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A1	Cobbly clay	0 cm	10 cm	A-7-6	CH, CL
A2	Very cobbly clay	10 cm	28 cm	A-2-7, A-7-6	CH, CL, GC
R	Bedrock	28 cm	203 cm		

Brackett (7 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	13 to 50 cm to Paralithic bedrock

Bexar (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 100 cm to Lithic bedrock

Krum (3 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

EeB - Eckrant extremely stony clay, 0 to 3 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	28 cm

Eckrant (100 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 Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Extremely stony clay	0 cm	10 cm	A-7-6	CH, CL, GC, SC
H2	Extremely stony clay	10 cm	28 cm	A-7-6	CH, CL, GC, SC
H3	Bedrock	28 cm	41 cm		

ErE - Eckrant-Rock outcrop association, 1 to 10 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	0 cm

Eckrant (58 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	10 to 50 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A1	Very cobbly clay	0 cm	10 cm	A-7-6	CH, GC
A2	Extremely cobbly clay	10 cm	28 cm	A-2-7, A-7-6	CH, CL, GC
R	Bedrock	28 cm	203 cm		

Soils

Rock outcrop (16 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	0 to 5 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
R	Bedrock	0 cm	203 cm		

Tarpley (11 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	33 to 50 cm to Lithic bedrock

Real (6 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	25 to 48 cm to Paralithic bedrock

Brackett (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	13 to 50 cm to Paralithic bedrock

Pratley (4 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	58 to 127 cm to Paralithic bedrock; 56 to 102 cm to Petrocalcic

ErG - Eckrant-Rock outcrop association, 8 to 30 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	0 cm

Eckrant (65 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	10 to 50 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A1	Very cobbly clay	0 cm	18 cm	A-7-6	CH, CL, GC
A2	Extremely cobbly clay	18 cm	30 cm	A-2-7, A-7-6	CH, CL, GC
R	Bedrock	30 cm	203 cm		

Rock outcrop (27 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	0 to 5 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
R	Bedrock	0 cm	203 cm		

Soils

Brackett (4 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	13 to 50 cm to Paralithic bedrock

Kerrville (2 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	50 to 100 cm to Lithic bedrock

Krum (1 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Tarpley (1 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	33 to 50 cm to Lithic bedrock

FaA - Fairlie clay, 0 to 1 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	117 cm

Fairlie (100 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay	0 cm	20 cm	A-7	CH, CL
H2	Clay	20 cm	117 cm	A-7	CH
H3	Bedrock	117 cm	137 cm		

FaB - Fairlie clay, 1 to 2 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	117 cm

Fairlie (100 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay	0 cm	20 cm	A-7	CH, CL
H2	Clay	20 cm	117 cm	A-7	CH
H3	Bedrock	117 cm	137 cm		

GeB - Georgetown clay loam, 0 to 2 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	89 cm

Soils

Georgetown (90 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay loam	0 cm	18 cm	A-6, A-7-6	CH, CL, GC
Bt	Cobbly clay	18 cm	89 cm	A-7-6	CH, GC
R	Bedrock	89 cm	152 cm		

Eckrant (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	10 to 50 cm to Lithic bedrock

Tarpley (5 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	33 to 51 cm to Lithic bedrock

Oc - Oakalla soils, 0 to 1 percent slopes, channeled, frequently flooded	
Percent Hydric	1
Minimum Depth to Bedrock	

Oakalla, channeled (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
Ak	Silty clay loam	20 cm	58 cm	A-4, A-6, A-7-6	CH, CL
Ap	Silty clay loam	0 cm	20 cm	A-6, A-7-6	CH, CL
Bk1	Silty clay loam	58 cm	135 cm	A-4, A-6, A-7-6	CH, CL
Bk2	Silty clay loam	135 cm	203 cm	A-4, A-6, A-7-6	CH, CL, CL-ML, ML

Rock outcrop (5 percent)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	0 to 5 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
R	Bedrock	0 cm	203 cm		

Dev (4 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	

Soils

Of - Oakalla silty clay loam, 0 to 2 percent slopes, frequently flooded	
Percent Hydric	1
Minimum Depth to Bedrock	

Oakalla (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
Ak	Silty clay loam	20 cm	58 cm	A-4, A-6, A-7-6	CH, CL
Ap	Silty clay loam	0 cm	20 cm	A-6, A-7-6	CH, CL
Bk1	Silty clay loam	58 cm	135 cm	A-4, A-6, A-7-6	CH, CL
Bk2	Silty clay loam	135 cm	203 cm	A-4, A-6, A-7-6	CH, CL, CL-ML, ML

Oakalla, occasionally flooded (4 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Dev (3 percent)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Krum (2 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	

SuA - Sunev silty clay loam, 0 to 1 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Sunev (100 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	46 cm	A-6, A-7-6	CH, CL
H2	Silty clay loam	46 cm	132 cm	A-4, A-6	CL
H3	Silty clay loam	132 cm	152 cm	A-4, A-6, A-7-6	CL

SuB - Sunev silty clay loam, 1 to 3 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Soils

Sunev (100 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	46 cm	A-6, A-7-6	CH, CL
H2	Silty clay loam	46 cm	132 cm	A-4, A-6	CL
H3	Silty clay loam	132 cm	152 cm	A-4, A-6, A-7-6	CL

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Soils Descriptions

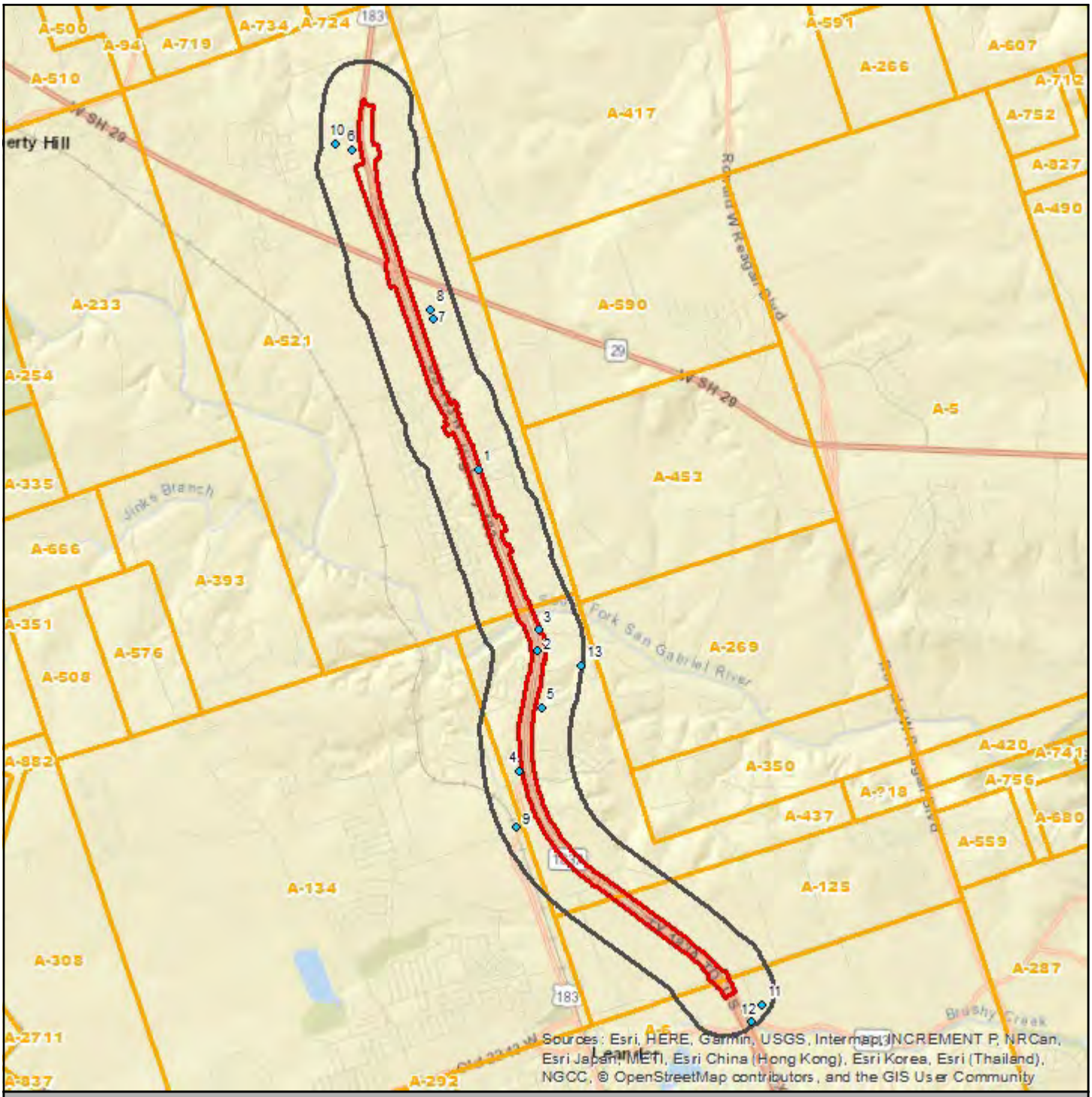
AASHTO Classification Definitions	
A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), sonte fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing 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 - 0.25 Mile Buffer



183A Phase III

- Single Water Well
- Water Well Cluster
- Single Oil/Gas/Other Well
- Oil/Gas/Other Well Cluster
- Water/Oil/Gas/Other Well Cluster
- Target Property
- Search Buffer
- Texas Land Survey

1 : 60,000
1 inch = 0.947 miles
1 inch = 5000 feet
1 centimeter = 0.600 kilometers
1 centimeter = 600 meters

N

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

Water & Oil/Gas Wells

Map ID	Well ID	Owner	Well Type	Elevation
1	58-18-704	Trinity Fellowship	Water: Public Supply	939 ft
2	58-26-108	City of Leander	Water: Public Supply	909 ft
3	58-26-109	City of Leander #7 well	Water: Public Supply	884 ft
4	G2460012C	CITY OF LEANDER	Water: Public Supply	992 ft
5	G2460012D	CITY OF LEANDER	Water: Public Supply	951 ft
6	73130	4 STAR AUTOMOTIVE	Water: Domestic	1056 ft
7	58-18-702	B.G.Hoes	Water: Unused	990 ft
8	58-18-701	Col. Sims	Water: Stock	996 ft
9	G2460012G	CITY OF LEANDER	Water: Public Supply	993 ft
10	277836	Lawrence Gabel	Water: Domestic	1063 ft
11	15260	Ronnie Motley	Water: Domestic	933 ft
12	58-26-418	1st Baptist Church of Leander	Water: Domestic	930 ft
13	379709	Manoj Mathew	Water: Domestic	903 ft

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.

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Mapped Sites Summary

Database	Distance from Target Property	Map ID	Facility Site Name	Facility Site Address	Site Details Page #
PST	0.01 miles NE	1	LIBERTY HILL PLANT	120 COUNTY ROAD 213, LIBERTY HILL, TX 78642	29
PST	0.01 miles SE	2	QP SEWARD JUNCTION	30 N HWY 183, LIBERTY HILL, TX 78642	30
PST	0.03 miles E	3	CEFCO 74	717 S HIGHWAY 183, LIBERTY HILL, TX 78642	31
PST	0.04 miles NW	4	CHEVRON CONVENIENCE STORE	1350 HIGHWAY 183, LEANDER, TX 78641	32
PST	0.04 miles E	5	LIBERTY HILL PLANT 7	100 COUNTY ROAD 258, LIBERTY HILL, TX 78642	33
PST	0.19 miles E	7	WAG-A-BAG 16	10990 W HIGHWAY 29, LIBERTY HILL, TX 78642	34
PST	0.2 miles E	8	HUDGINS	115 HOLMES RD, LIBERTY HILL, TX 78642	35
PST	0.24 miles NE	9	CUSTOM CRETE LEANDER	1450 COUNTY ROAD 269, LEANDER, TX 78641	36
VCP	0.1 miles W	6	EMERALD IVY PROPERTY	WEST ADJACENT TO US HWY 183, SOUTH OF MORNING DOVE LN AND NORTH OF WHITEWING DR, LEANDER, TX 78641	37
RCRA	0.2 miles E	8	HUDGINS COMPANY	115 HOLMES RD, LIBERTY HILL, TX 78642	38

*Sites are sorted by database tier, database, and distance from the target site.

End of Mapped Sites Summary Section

Unmapped Sites Summary

Database	Facility Site Name	Facility Site Address	Site Details Page #

*Sites are sorted by database tier and database.

ERNS		WEST ON HWY 29 TO COUNTY, LIBERTY HILL, TX	40
ERNS		LIBERTY HILLS/GEORGETOWN, TX	41
ERNS		LEANDER, TX	42
ERNS		HWY 183, LIBERTY HILL, TX	43

End of Unmapped Sites Summary Section

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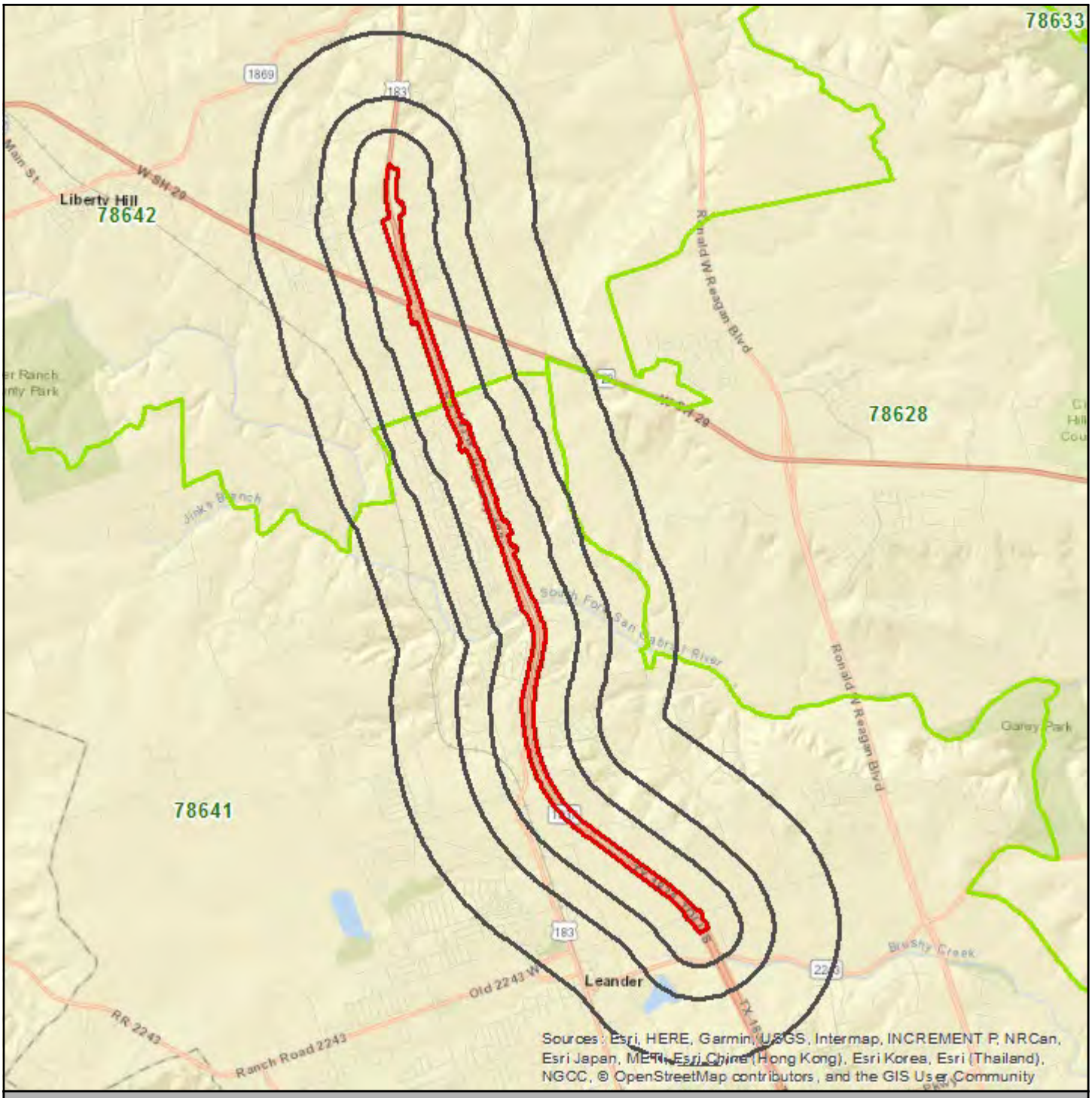
Zip Code Map - 1 Mile Buffer



183A Phase III

- Target Property
- Search Buffer
- Zip Code Boundary

1 : 70,000
1 inch = 1.105 miles
1 inch = 5833 feet
1 centimeter = 0.700 kilometers
1 centimeter = 700 meters

N

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

MapID 1: PST - 120 COUNTY ROAD 213

PST - State/Tribal Storage Tank

Map ID #1	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0086676	TCEQ Customer ID: 131801	Banks ID: 0086676
LIBERTY HILL PLANT		Rel. Loc.: 0.01 miles NE
120 COUNTY ROAD 213, LIBERTY HILL, TX 78642		Elevation: 1053.32 feet (+1053.32)

Facility Contact Name:		JAYSON LOWDER
Facility Contact Phone:		5127591438
Facility Status:		Inactive
Facility Type:		FLEET REFUELING
Number of ASTs:		0
Number of USTs:		
Tank #:	**#12647**	
Status:		
Status Date:	8/1/2014	
Capacity:	4000	
Install Date:	1/1/2005	
Above or Below Ground Tank:	above	
Unit ID:	219406	
Construction Material:		
Piping Type:		
Piping Material:		
Tank Contents:	DIESEL	
Tank Release Vapor Monitor Status Stage 1:		
Corrosion Protection:		
Piping Corrosion Protection:		

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MapID 2: PST - 30 N HWY 183

Map ID #2	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0018937	TCEQ Customer ID: 075959	Banks ID: 0018937
QP SEWARD JUNCTION		Rel. Loc.: 0.01 miles SE
30 N HWY 183, LIBERTY HILL, TX 78642		Elevation: 1011.34 feet (+1011.34)

Facility Contact Name:	SIKANDER NANSY		
Facility Contact Phone:	5125155627		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	0		
Number of USTs:	2		
Tank #:	**#1**	**#1A**	**#2**
Status:	IN USE	REMOVED FROM GROUND	IN USE
Status Date:	4/1/2001	12/1/2000	4/1/2001
Capacity:	20000	8000	20000
Install Date:	4/1/2001	1/1/1978	4/1/2001
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:	Cathodic_Protection_Factory_Installation Composite_Tank_steel_w_FRP_external_laminate	External_Dielectric_Coating_Laminate_Tape_Wrap Cathodic_Protection_Field_Installation	Cathodic_Protection_Factory_Installation Composite_Tank_steel_w_FRP_external_laminate
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible
Tank #:	**#2A**	**#3**	**#4DIESEL**
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	12/1/2000	12/1/2000	12/1/2000
Capacity:	8000	6000	10000
Install Date:	1/1/1978	1/1/1978	8/31/1987
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:	External_Dielectric_Coating_Laminate_Tape_Wrap Cathodic_Protection_Field_Installation	External_Dielectric_Coating_Laminate_Tape_Wrap Cathodic_Protection_Field_Installation	External_Dielectric_Coating_Laminate_Tape_Wrap Cathodic_Protection_Field_Installation
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible

MapID 3: PST - 717 S HIGHWAY 183

Map ID #3	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0059716	TCEQ Customer ID: 090144	Banks ID: 0059716
CEFCO 74		Rel. Loc.: 0.03 miles E
717 S HIGHWAY 183, LIBERTY HILL, TX 78642		Elevation: 962.01 feet (+962.01)

Facility Contact Name:			
Facility Contact Phone:			
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	0		
Number of USTs:	2		
Tank #:	**#1**	**#2**	**#3**
Status:	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND
Status Date:	4/16/2013	4/16/2013	4/16/2013
Capacity:	10000	5000	10000
Install Date:	1/1/1983	1/1/1983	1/1/1983
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:	Cathodic_Protection_Field_Installation	Cathodic_Protection_Field_Installation	Cathodic_Protection_Field_Installation
Piping Corrosion Protection:	Cathodic_Protection_Field_Installation FRP_tank_or_piping_noncorrodible	Cathodic_Protection_Field_Installation FRP_tank_or_piping_noncorrodible	Cathodic_Protection_Field_Installation FRP_tank_or_piping_noncorrodible
Tank #:	**#4**	**#5**	**#6**
Status:	REMOVED FROM GROUND	IN USE	IN USE
Status Date:	4/16/2013	5/20/2013	5/20/2013
Capacity:	5000	30000	20000
Install Date:	1/1/1983	5/20/2013	5/20/2013
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:	Cathodic_Protection_Field_Installation	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible Isolated_in_Open_Area_2nd_Containment	FRP_tank_or_piping_noncorrodible Isolated_in_Open_Area_2nd_Containment

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MapID 4: PST - 1350 HIGHWAY 183

Map ID #4	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0089770	**TCEQ Customer ID: 134881**	**Banks ID: 0089770**
CHEVRON CONVENIENCE STORE		Rel. Loc.: 0.04 miles NW
1350 HIGHWAY 183, LEANDER, TX 78641		Elevation: 911.28 feet (+911.28)

Facility Contact Name:	
Facility Contact Phone:	
Facility Status:	PENDING
Facility Type:	
Number of ASTs:	
Number of USTs:	

MapID 5: PST - 100 COUNTY ROAD 258

Map ID #5	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0078640	**TCEQ Customer ID: 121469**	**Banks ID: 0078640**
LIBERTY HILL PLANT 7		Rel. Loc.: 0.04 miles E
100 COUNTY ROAD 258, LIBERTY HILL, TX 78642		Elevation: 1047.7 feet (+1047.7)

Facility Contact Name:		
Facility Contact Phone:		
Facility Status:	ACTIVE	
Facility Type:	FLEET REFUELING	
Number of ASTs:	1	
Number of USTs:	0	
Tank #:	**#1**	**#IT9457**
Status:		
Status Date:	1/1/2018	12/31/2017
Capacity:	6000	3000
Install Date:	1/1/2018	6/13/2007
Above or Below Ground Tank:	above	above
Unit ID:	222985	208537
Construction Material:		
Piping Type:		
Piping Material:		
Tank Contents:	DIESEL	DIESEL
Tank Release Vapor Monitor Status Stage 1:	EXEMPT BY TCEQ RULE	
Corrosion Protection:		
Piping Corrosion Protection:		

MapID 7: PST - 10990 W HIGHWAY 29

Map ID #7	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0077470	TCEQ Customer ID: 119141	Banks ID: 0077470
WAG-A-BAG 16		Rel. Loc.: 0.19 miles E
10990 W HIGHWAY 29, LIBERTY HILL, TX 78642		Elevation: 999.77 feet (+999.77)

Facility Contact Name:	BECKY KENNARD		
Facility Contact Phone:	5127785512		
Facility Status:	ACTIVE		
Facility Type:	RETAIL		
Number of ASTs:	0		
Number of USTs:	3		
Tank #:	**#1**	**#2**	**#3**
Status:	IN USE	IN USE	IN USE
Status Date:	3/9/2005	3/9/2005	3/9/2005
Capacity:	16000	15000	20000
Install Date:	3/9/2005	3/9/2005	3/9/2005
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	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible
Piping Corrosion Protection:	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible	FRP_tank_or_piping_noncorrodible

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MapID 8: PST - 115 HOLMES RD

Map ID #8	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0087199	**TCEQ Customer ID: 132323**	**Banks ID: 0087199**
HUDGINS		Rel. Loc.: 0.2 miles E
115 HOLMES RD, LIBERTY HILL, TX 78642		Elevation: 1006.58 feet (+1006.58)

Facility Contact Name:			
Facility Contact Phone:			
Facility Status:	ACTIVE		
Facility Type:	WHOLESALE		
Number of ASTs:	4		
Number of USTs:			
Tank #:	**#1**	**#2**	**#3**
Status:			
Status Date:	11/1/2015	11/1/2015	11/1/2015
Capacity:	10000	10000	12000
Install Date:	11/1/2015	11/1/2015	11/1/2015
Above or Below Ground Tank:	above	above	above
Unit ID:	221419	221420	221421
Construction Material:			
Piping Type:			
Piping Material:			
Tank Contents:	DIESEL	DIESEL	DIESEL
Tank Release Vapor Monitor Status Stage 1:	EXEMPT BY TCEQ RULE	EXEMPT BY TCEQ RULE	EXEMPT BY TCEQ RULE
Corrosion Protection:			
Piping Corrosion Protection:			
Tank #:	**#4**		
Status:			
Status Date:	8/30/2014		
Capacity:	3000		
Install Date:	8/30/2014		
Above or Below Ground Tank:	above		
Unit ID:	220221		
Construction Material:			
Piping Type:			
Piping Material:			
Tank Contents:	DIESEL		
Tank Release Vapor Monitor Status Stage 1:	EXEMPT BY TCEQ RULE		
Corrosion Protection:			
Piping Corrosion Protection:			

MapID 9: PST - 1450 COUNTY ROAD 269

Map ID #9	PST - State/Tribal Storage Tank	Source: TCEQ
Facility #: 0079086	**TCEQ Customer ID: 122445**	**Banks ID: 0079086**
CUSTOM CRETE LEANDER		Rel. Loc.: 0.24 miles NE
1450 COUNTY ROAD 269, LEANDER, TX 78641		Elevation: 955.87 feet (+955.87)

Facility Contact Name:		JOHN SCOFIELD	
Facility Contact Phone:		5123647567	
Facility Status:		ACTIVE	
Facility Type:		INDUST/MFG/CHEM PLANT	
Number of ASTs:		3	
Number of USTs:		0	
Tank #:	**#1**	**#2**	**#3**
Status:			
Status Date:	6/1/2001	6/1/2001	3/19/2008
Capacity:	5000	5000	5000
Install Date:	6/1/2001	6/1/2001	3/19/2008
Above or Below Ground Tank:	above	above	above
Unit ID:	209609	209610	209611
Construction Material:	Steel	Steel	Steel
Piping Type:			
Piping Material:			
Tank Contents:	DIESEL	DIESEL	DIESEL
Tank Release Vapor Monitor Status Stage 1:			
Corrosion Protection:			
Piping Corrosion Protection:			

End of PST Sites Section

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MapID 6: VCP - WEST ADJACENT TO US HWY 183, SOUTH OF MO

VCP - State/Tribal Voluntary Cleanup

Map ID #6	VCP - State/Tribal Voluntary Cleanup	Source: TCEQ
VCP ID: 2897	EPA Texas ID/Registration #: NA	Banks ID: VCP_002897
EMERALD IVY PROPERTY		Rel. Loc.: 0.1 miles W
WEST ADJACENT TO US HWY 183, SOUTH OF MORNING DOVE LN AND NORTH OF WHITEWING DR, LEANDER, TX 78641		Elevation: 927.54 feet (+927.54)

Status:	Investigation
Receive Date:	7/24/2017
Completion Date - Certificate Issued:	12/30/1899
Facility Type:	UNDEVELOPED PROPERTY
Acres:	54.49
Applicant:	EMERALD IVY LTD
Institutional Controls:	
Site Contamination Information:	HEAVY METALS
Media Affected:	SOIL
Owner Name:	REX BOHLS
Owner Phone:	512-413-6090
Additional Information:	

End of VCP Sites Section

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MapID 8: RCRA - 115 HOLMES RD

RCRA - RCRA

Map ID #8	RCRA - RCRA	Source: EPA
EPA Handler ID: TXR000083713	**Handler Sequence Number: 4**	**Banks ID: TXR000083713**
HUDGINS COMPANY		Rel. Loc.: 0.2 miles E
115 HOLMES RD, LIBERTY HILL, TX 78642		Elevation: 1006.58 feet (+1006.58)

Status:	Active Site - Handler Activities;
Owner Name:	HUDGINS COMPANY
Operator Name:	HUDGINS COMPANY
Mailing Address Street #:	
Mailing Address Street:	PO BOX 2291
Mailing Address Street:	
Mailing Address City:	CEDAR PARK
Mailing Address State:	TX
Mailing Address Zip:	78630-2291
Contact Name:	GEORGE HUDGINS
Contact Address Street #:	
Contact Address Street:	PO BOX 2291
Contact Address Street:	
Contact Address City:	CEDAR PARK
Contact Address State:	TX
Contact Address Zip:	78630-2291
Contact Phone:	512-844-3306
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:	Automotive Parts and Accessories Stores
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

MapID 8: RCRA - 115 HOLMES RD

Continued from Previous Page

Universal Waste:	No

End of RCRA Sites Section

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Unmapped Sites Details: ERNS (494571)

ERNS - ERNS List

ERNS - ERNS List — **Source: EPA/National Response Center**

NRC Report #: 494571 — **Secondary ID: NA** — **Banks ID: 494571**

WEST ON HWY 29 TO COUNTY, LIBERTY HILL, TX

Responsible Party:	
Incident Location:	
Incident Date/Time:	8/10/1999 10:31 AM
Cause of Incident:	OTHER
Description of Incident:	12 INCH PIPELINE LPG (DOT REG) / POWER CO. DRILLED HOLE IN LINE /RELEASED MIXTURE OF ETHANE/PROPANE /MIXTURE ON FIRE
Incident Type:	PIPELINE
Additional Information:	CALLER HAD NO WEATHER CONDITIONSCALLER WILL NOTIFY: TRRC / LEPC / SERC
Any Fatalities:	Unknown
Number of Fatalities:	
Remedial Action Taken:	PIPELINE SHUT DOWN /AREA ISOLATED AND BLOCKED IN / RELEASE ONGOINGNO SERVICE INTERRUPTURED
Medium Affected:	AIR
Medium Description:	ATMOSPHERE
Railroad Involved:	
Pipeline Type Involved:	UNKNOWN
Source:	UNAVAILABLE
Materials Spilled	ETHANE, PROPANE

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Unmapped Sites Details: ERNS (535889)

ERNS - ERNS List | **Source: EPA/National Response Center**

NRC Report #: 535889 | **Secondary ID: NA** | **Banks ID: 535889**

LIBERTY HILLS/GEORGETOWN, TX

Responsible Party:	DPC INDUSTRIES INC
Incident Location:	SPILL HAPPENED SOMEWHERE BETWEEN LIBERTY HILLS AND GEORGETOWN.
Incident Date/Time:	7/19/2000 12:30 PM
Cause of Incident:	OTHER
Description of Incident:	WHILE TRANSPORTING CHLORINE INSIDE A TRUCK CONTAINER, THE TRUCK DEVELOPED BRAKE PROBLEMS. THIS CAUSED A FIRE INSIDE THE TRUCK WHICH CAUSED CHLORINE TO HEAT AND RELEASE.
Incident Type:	MOBILE
Additional Information:	CALLER NOT SURE WHO TO NOTIFY/ CALLER HAD VERY LITTLE INFORMATION
Any Fatalities:	No
Number of Fatalities:	
Remedial Action Taken:	FIRE DEPT ON SCENE/CO. PERSONNEL EN ROUTE TO SCENE
Medium Affected:	AIR
Medium Description:	ATMOSPHERE
Railroad Involved:	
Pipeline Type Involved:	
Source:	UNAVAILABLE
Materials Spilled	CHLORINE

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Unmapped Sites Details: ERNS (746123)

ERNS - ERNS List | **Source: EPA/National Response Center**

NRC Report #: 746123 | **Secondary ID: NA** | **Banks ID: 746123**

LEANDER, TX

Responsible Party:	VULCAN MATERIAL
Incident Location:	HWY 183 NORTH
Incident Date/Time:	1/3/2005 4:00 PM
Cause of Incident:	TRANSPORT ACCIDENT
Description of Incident:	THE CALLER STATED THAT A TRACTOR TRAILER WAS INVOLVED IN A TRAFFIC ACCIDENT WITH ANOTHER CAR. THERE WAS A RELEASE OF MATERIAL FROM THE SADDLE TANK.
Incident Type:	MOBILE
Additional Information:	THE CALLER HAD NO ADDITIONAL INFORMATION
Any Fatalities:	No
Number of Fatalities:	
Remedial Action Taken:	CONTRACTOR WAS CALLED TO CONTAIN THE SPILL. / BURM WAS DUG OUT AND BOOM WAS PUT IN THE BURM / MATERIAL WAS EXCAVATED.
Medium Affected:	LAND
Medium Description:	GROUND
Railroad Involved:	
Pipeline Type Involved:	
Source:	TELEPHONE
Materials Spilled	OIL: DIESEL

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Unmapped Sites Details: ERNS (1051720)

ERNS - ERNS List | **Source: EPA/National Response Center**

NRC Report #: 1051720 | **Secondary ID: NA** | **Banks ID: 1051720**

HWY 183, LIBERTY HILL, TX

Responsible Party:	JACK B KELLEY INC
Incident Location:	
Incident Date/Time:	6/26/2013 3:50 AM
Cause of Incident:	TRANSPORT ACCIDENT
Description of Incident:	CALLER STATED THAT A TRACTOR TRAILER ROLLED OVER THAT WAS CARRYING VARIOUS CYLINDERS THAT ARE ON THE ROAD. CALLER STATED THAT THIS IS A POTENTIAL RELEASE AT THIS TIME. THE MATERIAL IS UNKNOWN AT THIS TIME DUE TO THE FACT THAT THE SHIPPING PAPERS ARE NOT AVAILABLE.
Incident Type:	STORAGE TANK
Additional Information:	
Any Fatalities:	No
Number of Fatalities:	
Remedial Action Taken:	CONTRACTORS HAVE BEEN CONTACTED.
Medium Affected:	LAND
Medium Description:	
Railroad Involved:	
Pipeline Type Involved:	
Source:	TELEPHONE
Materials Spilled	UNKNOWN MATERIAL

End of ERNS Sites Section

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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

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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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Disclaimer

The Banks Environmental Data Regulatory Database Report was prepared based upon data obtained from State, Tribal, and Federal sources known to Banks Environmental Data at the time the data was obtained. Great care has been taken by Banks in obtaining the best available data from the best available sources. However, there is a possibility that there are sources of data applicable or pertaining to this report's target property, and/or surrounding properties, to which Banks does not have access or has not accessed. Furthermore, although Banks Environmental Data performs quality assurance and quality control on all data, including data it obtains, Banks recognizes that inaccuracies in data from these sources may, and do, exist; accordingly, inaccurate data may have been used or relied upon in the preparation of this report. Even though Banks Environmental Data performs a thorough and diligent search to locate and fix any inaccuracies in the data relied upon in the preparation of this report, Banks cannot guarantee or warrant the accuracy of the locations, information, data, or report. The purchaser of this report accepts this report "as is" and assumes all risk related to any potential in accuracy contained in the report or not reported in it, whether due to a reliance by Banks Environmental Data on inaccurate data, or for any other reason [including but not limited to the negligence or express negligence of Banks Environmental Data]. If this report is being used for the Records Review section of a Phase I Site Assessment according to the ASTM 1527-13, for EPA's All Appropriate Inquiry, or for any other purpose (public or private), all liability and responsibility is assumed by the Environmental Professional or other individual or entity acquiring the report.

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Central Registry

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Detail of: **IHW Corrective Action Solid Waste Registration T3227**

For: **ACC LEANDER CAMPUS (RN108656109)**

9880 183A TOLL RD, LEANDER

Solid Waste Registration Status: **ACTIVE**

Responsible Parties: **Austin Community College (CN600269211)** Since 07/16/2015 View Compliance History

Mailing Address: 9880 183 A TOOL ROAD LEANDER, TX 78646 -

Legal	Description	Start Date	End Date	Type	Status	Status Date
T3227	IHW CORRECTIVE ACTION	07/16/2015		CLEANUP	ACTIVE	07/16/2015

Tracking No.	Type	Value	Start Date	End Date
19522525	ADMINISTRATIVE STATUS	ACTIVE	07/16/2015	
19527894	PROJECT MANAGER	THARLOW	07/20/2015	
19522524	PROJECT MANAGER	MERSMITH	07/16/2015	07/19/2015

Physical	Description	Start Date	Type	Status	Status Date
ACC LEANDER CAMPUS		07/16/2015	IHW CA	ONGOING WORKLOAD	07/16/2015

Tracking No.	Type	Value	Start Date	End Date
19522526	PROJECT PHASE	ONGOING WORKLOAD	07/16/2015	
22430795	GW REPORT DATA YEAR	2017	02/02/2018	
22430796	GW REPORT DATA YEAR	2017	02/02/2018	
22430797	SITE SUBJECT TO GW MONITORING	NO	02/02/2018	
22430798	SITE SUBJECT TO GW MONITORING	NO	02/02/2018	

IHW REG/AHWT/IHW FT3227
CO/RP/DATE 6/12/2015
DOC. NAME - SIN
IDA COMM# 19522527
PROJ. MGR. ASSING PM

RECEIVED
JUN 17 2015
TCEQ Remediation Division

Texas [illegible]uality

SELF-IMPLEMENTATION NOTICE

TCEQ Regulatory ID No.: _____ Page ____

Use the Self-Implementation Notice (SIN) form to notify the TCEQ that you choose to self-implement response actions under Remedy Standard A in accordance with the Texas Risk Reduction Program Rule in Title 30, Texas Administrative Code §350.32(d). Submit a copy of this form to both the applicable TCEQ program area in the Austin Central Office as indicated below and to the appropriate TCEQ Region Office at least 10 days prior to conducting the response action.

Submittal Date: 6/12/2015 TCEQ Region No.: Region 11

TCEQ Program (check one)

- [X] Corrective Action Section (MC-127)
- [ ] Municipal Solid Waste Permits Section (MC-124)
- [ ] Petroleum Storage Tank Program RPR Section (MC-137)
- [ ] Superfund PRP Lead (MC-143)
- [ ] Superfund Site Assessment (MC-142)

On-Site Property Information

On-Site Property Name: ACC Leander Campus

Street no. 9880 Pre dir. ___ Street name 183A Toll Rd Street type ___ Post dir. ___

City Leander County Williamson County Code 246 Zip 78641

Nearest street intersection or location description: 183A Toll Rd and Hero Way

Latitude: Degrees, Minutes, Seconds OR Decimal Degrees: (indicate) North 30.589784

Longitude: Degrees, Minutes, Seconds OR Decimal Degrees: (indicate) West -97.852716

Description of Release

Provide a brief description of the release at the affected property and reason for filing this form:

There is an estimated 300 cubic yards of surface and/or buried waste materials present on the site. A May 2010 Phase II Investigation reported slightly elevated arsenic, selenium, and lead levels in soils in the vicinity of the debris. The applicant intends to excavate and remove the debris material and to remediate the site to a residential land use, Remedy Standard A closure.

Affected Property

Affected Property Name/No. for which this notice is filed **ACC Leander Campus**

Off-Site Affected Property Information

Off-site affected property name: No off-site properties are affected.

no. ___ Pre dir. ___ Street name ___ Street type ___ Post dir. ___

City ___ County ___ County Code ___ Zip ___

Contact Person Information

Person (or company) Name:

Contact Person: Gavin Hudgeons Title: Senior Geologist

Mailing Address: AMEC Foster Wheeler, 3520 Executive Center Drive, Suite 200

City Austin State: Texas Zip: 78733 E-Mail Address: Gavin.hudgeons@amecfw.com

Phone: 512-795-0360 Fax: 512-795-8423

Texas Commission on Environmental Quality

SELF-IMPLEMENTATION NOTICE

TCEQ Regulatory ID No.: _____ Page ____

Acknowledgement

By my signature below, I acknowledge the requirement of §350.2(a) that no person shall submit information to the executive director or to parties who are required to be provided information under this chapter which they know or reasonably should have known to be false or intentionally misleading, or fail to submit available information which is critical to the understanding of the matter at hand or to the basis of critical decisions which reasonably would have been influenced by that information. Violation of this rule may subject a person to the imposition of civil, criminal, or administrative penalties.

I acknowledge that any permits needed to implement the remedy will be obtained prior to implementation of the remedy.

Signature of Person _____ Name (print) Gavin Hudgeons Date 7/22/15

Chemicals of Concern:

Provide a list of the chemicals of concern that require a response action as determined pursuant to program area requirements. For each environmental media, provide a comparison of the Critical Protective Concentration Level (PCL) to the available maximum or representative chemical of concern (COC) concentrations. Also identify the Tier (1, 2 or 3) and ecological (Eco) or human health (HH residential or commercial/industrial) on which each critical PCL is based:

Chemical of Concern	Environmental Media	COC Concentration (specify unit, e.g., mg/kg or mg/L)	Critical PCL		Tier (1, 2, or 3)
			Concentration (specify unit, e.g., mg/kg or mg/L)	Eco or HH (Res or Com/Ind)	
Arsenic	Soil	92.5 mg/kg	24 mg/kg	HH Res	1
Lead	Soil	36.6	15	Background	1
Selenium	Soil	2.42	2.3	HH Res	1

Qualitative Objectives:

Provide additional discussion not provided in the table above on the qualitative objectives to be achieved by the response action:

The site is being prepared for development of a community college campus. The purpose of the response action is to remediate the site to a residential land use, Remedy Standard A closure.

Exposure Conditions:

Describe any exposure conditions when there is an actual or probable human exposure to a chemical of concern at a concentration that exceeds the Tier 1 human health PCL. These exposure conditions require notice under §350.55(e). If not previously provided to the TCEQ, attach any needed certifications in response to §350.55(d) or (e).

No exposure conditions exist.

Response Action:

Describe the response action chosen to achieve Remedy Standard A. Discuss if institutional controls are required.

The debris and any impacted soil will be removed with a 200 Series excavator. Impacted solids will be loaded into dump trucks and transported to centralized staging area where they will be stockpiled pending the results of stockpile analytical analysis and profile approval. Upon landfill approval of Class II solids, the impacted solids will be transported to the Waste Management Landfill in Austin, Texas for disposal.

Composite confirmation soil samples will be collected from the soils beneath the excavated area and submitted for laboratory analysis of arsenic, lead, and selenium.

Upon completion of the site remediation activities, the applicant will prepare a Response Action Report including a description of the activities performed, photographic documentations, and copies of all applicable supporting documents (e.g., waste manifest, ect.).

Schedule:

Provide the schedule for implementation and completion of the response action. If the response action is predicted to take more than 15 years to complete (refer to §350.31(h)), provide a copy of the institutional control proposed to comply with §350.111(b)(1):

Debris removal activities will occur within 25 days of the date of this Notice. Stockpile and final disposal dates will rely on standard laboratory turnaround times.

IHW REG/HWT/IHW F T3227
CO/RP/DATE 6/12/2015
DOC. NAME - SIN
IDA COMM# 19522527
PROJ. MGR. ASSING PM

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided)*

☒ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Attachments — Describe Any Attachments: *(ex. Title V Application, Waste Transporter Application, etc.)*

☐ Yes ☐ No

3. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	4. Regulated Entity Reference Number *(If issued)*
CN 600269211		RN

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy): 07/08/2015

6. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check only one of the following:*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other: _____

7. General Customer Information

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State) ☐ No Change**

If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.

8. Type of Customer:			
☐ Corporation	☐ Individual	☐ Sole Proprietorship- D.B.A	
☐ City Government	☐ County Government	☐ Federal Government	☒ State Government
☐ Other Government	☐ General Partnership	☐ Limited Partnership	☐ Other:

9. Customer Legal Name *(If an individual, print last name first: ex: Doe, John)* — *If new Customer, enter previous Customer below* — *End Date:*

AUSTIN COMMUNITY COLLEGE

10. Mailing Address: 5930 MIDDLE FISKVILLE RD

City: AUSTIN State: TX ZIP: 78752 ZIP + 4:

11. Country Mailing Information *(if outside USA)*

12. E-Mail Address *(if applicable)*

13. Telephone Number: (512)223-7723 14. Extension or Code: 15. Fax Number *(if applicable)*: ( ) -

16. Federal Tax ID *(9 digits)* 17. TX State Franchise Tax ID *(11 digits)* 18. DUNS Number *(if applicable)* 19. TX SOS Filing Number *(if applicable)*

20. Number of Employees
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

21. Independently Owned and Operated?
☐ Yes ☒ No

SECTION III: Regulated Entity Information

22. General Regulated Entity Information *(If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information ☐ No Change** *(See below)*

**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.

23. Regulated Entity Name *(name of the site where the regulated action is taking place)*

9880 183A TOLL ROAD, LEANDER, TX. 78646 - ACC LEANDER CAMPUS

24. Street Address of the Regulated Entity: *(No P.O. Boxes)*	9880 183A TOLL ROAD							
	City	LEANDER	State	TX	ZIP	78646	ZIP + 4	
25. Mailing Address:	9101 TUSCANY WAY ATTN: BECKY COLE							
	City	AUSTIN	State	TX	ZIP	78754	ZIP + 4	
26. E-Mail Address:								
27. Telephone Number	512-223-1015 (512)223 1015	28. Extension or Code		29. Fax Number *(if applicable)*	512.223-1035 (512)223-1035			
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)	33. Secondary NAICS Code (5 or 6 digits)					
8221		611310						
34. What is the Primary Business of this entity? *(Please do not repeat the SIC or NAICS description.)*								
EDUCATION								

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:			
36. Nearest City	County	State	Nearest ZIP Code

37. Latitude (N) In Decimal:			38. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Industrial Hazardous Waste	☐ Municipal Solid Waste
☐ New Source Review – Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS	☐ Sludge
☐ Stormwater	☐ Title V – Air	☐ Tires	☐ Used Oil	☐ Utilities
☒ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	DAVID WATKINS	41. Title:	EHS COORDINATOR

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512)223 1034		(512)223-1035	rwatkin1@austincc.edu.

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	AUSTIN COMMUNITY COLLEGE	Job Title:	EXEC. DIRECTOR EHS & INSURANCE
Name *(In Print)*:	BECKY S. COLE	Phone:	(512)223-1015
Signature:	Becky S. Cole	Date:	7/13/15

HWT/ T3227/ CO
DATE: 7/28/15
DOC. NAME: PROCEED

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 28, 2015

Mr. Gavin Hudgeons
Senior Geologist
AMEC Foster Wheeler
3520 Executive Center Drive
Austin, Texas 78733

Re: Acknowledgement of Receipt and Notice to Proceed
Remedy Standard A Self-Implementation Notice, dated June 12, 2015
ACC Leander Campus
9880 183A Toll Rd Leander, Texas 78641
Facility ID No. T3227, CN600269211, RN108656109

Dear Mr. Hudgeons:

The Texas Commission on Environmental Quality (TCEQ) has received your Self-Implementation Notice (SIN) dated June 12, 2015. The SIN is being submitted for a proposed development area that was found to contain concentrations of arsenic, lead, and selenium above Tier 1 PCLs and background levels. The response action includes excavating an estimated 300 cubic yards of impacted soil to achieve residential land use standards. The excavated materials will be analyzed for landfill approval of Class II solids, and will then be transported to the Waste Management Landfill in Austin, Texas for disposal. Upon completion of the remediation activities confirmation soil samples will be collected and submitted for analysis, and a Response Action Completion Report (RACR) will be prepared. The notification indicates that the response actions will attain Remedy Standard A pursuant to Title 30 Texas Administrative Code (TAC) Chapter 350.

This letter is a notice to proceed with proposed activities, but is not an approval of any technical information pertaining to plans, proposals or procedures that you may have submitted in addition to the information required by 30 TAC §350.92. According to 30 TAC §350.32(d), activities conducted to achieve Remedy Standard A do not require TCEQ approval prior to implementation; however, the Affected Property Assessment Report (APAR), any Response Action Effectiveness Reports (RAER), and the Response Action Completion Report (RACR) are subject to TCEQ technical review. Please use the standard reporting forms found on our website at http://www.tceq.state.tx.us/remediation/trrp/trrp.html.

Reports documenting closure and/or remediation activities should be submitted according to the time frames given at 30 TAC §350.31(e) and (f). In accordance with 30 TAC §350.31(d), the TCEQ Central Office and the appropriate TCEQ Regional Office must be notified in writing at least 10 days prior to any confirmation sampling that is done to demonstrate that a response action is complete and a remedy standard has been attained. More detailed information regarding TRRP is available on the TCEQ web page noted above.

Please be aware that it is the continuing obligation of persons associated with a site to ensure that municipal hazardous waste and industrial solid waste are managed in a manner which does not cause the discharge or imminent threat of discharge of waste into or adjacent to waters in the state, a nuisance, or the endangerment of the public health and welfare as required by 30 TAC §335.4. If the response actions described in the report fail to comply with these requirements, please take any necessary and authorized action to correct such conditions. A TCEQ field inspector may conduct an inspection of your site to determine compliance with the report.

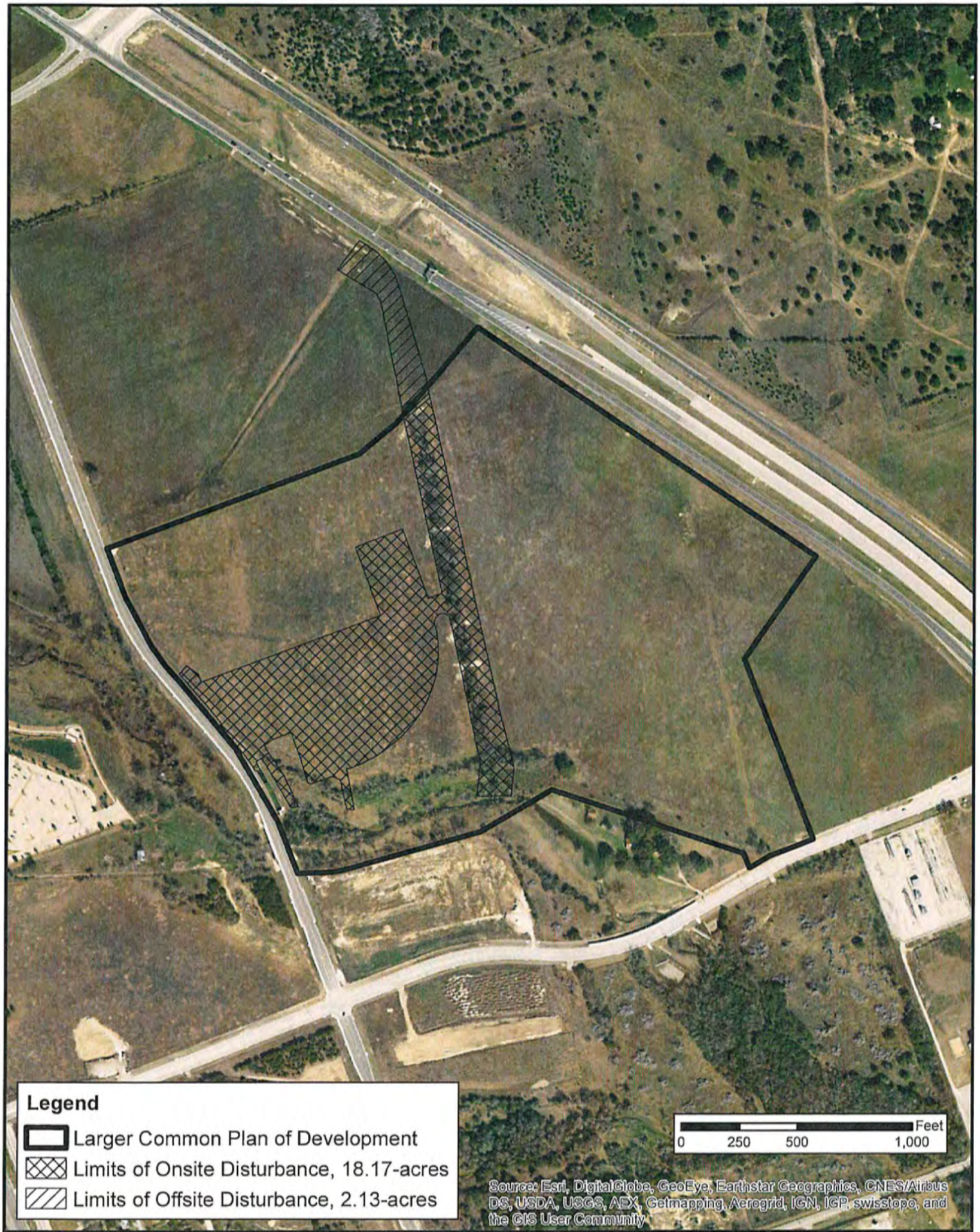
Questions concerning this letter should be directed to me at (512) 239-3150. When responding by mail, please submit an original and one copy of all correspondence and reports to the TCEQ Remediation Division at Mail Code MC-127. An additional copy should be submitted to the local TCEQ Region 11 Office. Please note that the Remediation Division sends letters via email when appropriate. Therefore, current email addresses and the site identification information in the reference block should be included in all future submittals.

Sincerely,

Tim Harlow, Project Manager
Team 1, VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

TJH/mdh

cc: Mr. David Mann, Waste Section Manager, TCEQ Region 11 Office, Austin



SHEET 1 OF 1 SHEET	DATE: 07/25/2016 DESIGN: SCF DRAWN: SCF CHECKED: LDC KHA NO.: 067779203	Recent Aerial Map	Contributing Zone Plan ACC San Gabriel Campus Phase I Leander, Williamson County, Texas	N	Kimley»Horn

Central Registry

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Detail of: **Petroleum Storage Tank Registration 78640**
For: **LIBERTY HILL PLANT 7 (RN105494744)**
100 COUNTY ROAD 258, LIBERTY HILL
Registration Status: **ACTIVE**
Held by: **Lauren Concrete, Inc. (CN605061001)** View 'Issued To' History
OWNER OPERATOR Since 12/19/2015 View Compliance History
Mailing Address: 2001 PICADILLY DR ROUND ROCK, TX 78664 -9511

Financial Assurance

None

Self-Certification Status by Compartment

None

Registered Tanks and Their Associated Systems

Table 1. Underground Storage Tank Summary View Aboveground Storage Tanks

Tank	Capacity (Gallon)	Date Installed	Status	Substance Stored	Related Information
No Underground Storage Tank information exist for the facility					

Table 6. Aboveground Storage Tanks

Tank	Capacity	Status	Date Installed	Date Registered	Out of Use	Substance Stored	Material Of Construction	Containment	Vapor Recovery
1	6000	In Use	01/01/2018	02/23/2018		Diesel	Steel	Containment Liner	Stage 1: EXEMPT BY TCEQ RULE
It9457	3000	Out Of Use	06/13/2007	06/22/2007	12/31/2017	Diesel		Concrete	Stage 1: Not Reported

0000-0000-0005-7496

Document Control Sheet

Sheet Title:	PST 23 BP
Box ID:	5729
Control Sheet ID:	0000-0000-0005-7496
Record Series Name:	WST / Petroleum Storage Tank Registrations
Record Series:	PST
Primary ID:	78640
Secondary ID:	
Doc Type:	Registrations
Security:	Public
Date:	2/23/2018
Title:	AST
Tertiary ID	

PST _ 78640 _ RE_ 20180223 _ AST
For internal use only

Customer No.: CN 605061001 **Regulated Entity No.: RN** 105494744

TCEQ – ABOVEGROUND STORAGE TANK REGISTRATION FORM

For Use in TEXAS

Texas Commission on Environmental Quality

• ***Please mail completed form to:***
Petroleum Storage Tank Registration Program (MC-138)
Texas Commission on Environmental Quality
P. O. Box 13087 **Fax (512) 239-3398**
Austin, Texas 78711-3087

TCEQ Facility ID No.: 78640
TCEQ Owner ID No.: 77580
Federal Tax ID No. : 74-2423211

1. TANK OWNER INFORMATION

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA) If the Owner Name below is a new Owner, enter previous Owner Name:

TANK OWNER BUSINESS OR LAST NAME: Lauren Concrete, Inc. | TANK OWNER FIRST NAME:

OWNER MAILING ADDRESS: 2001 Picadilly Dr.

CITY: Round Rock | STATE: TX | ZIP CODE: 78644 | ZIP +4:

COUNTRY (OUTSIDE USA): | E-MAIL ADDRESS:

OWNER'S AUTHORIZED REPRESENTATIVE: Kurt Holman | TITLE: VP | TELEPHONE NO/Ext.: 512-233-1350

TX State TAX ID (11 Digits): 17424232118 | TX SOS/CPA Filing NO: 802354253

FEDERAL TAX ID (9 Digits): 74-2423211 | DUNs NO: 183327212

TYPE OF TANK OWNER: ☐ Individual ☑ Corporation ☐ Sole Proprietorship ☐ Federal Gov't ☐ State Gov't ☐ County Gov't ☐ City Gov't ☐ Local Gov't ☐ General Partnership ☐ Limited Partnership ☐ Other

LOCATION OF RECORDS: ☑ At facility ☑ Offsite at:

OFFSITE RECORDS LOCATION ADDRESS: 2001 Picadilly Dr. | CITY: Round Rock | STATE: TX

RECORDS CUSTODIAN/CONTACT PERSON: Kurt Holman | TELEPHONE NO.: 512-233-1350

FAX NO: | INDEPENDENTLY OWNED & OPERATED ☑ YES ☐ NO

NUMBER OF EMPLOYEES ☐ 0-20 ☐ 21-100 ☑ 101-250 ☐ 251-500 ☐ 501 & HIGHER

2. FACILITY INFORMATION

The Regulated Entity Name submitted may be updated in order to meet the TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).

FACILITY NAME: Liberty Hill Plant 7

Facility(RE) Address or PHYSICAL Location Description: (No P.O. Boxes): 100 CR 258

CITY:(Nearest if Physical Loc): Liberty Hill | STATE: TX | ZIP CODE (Nearest if Physical Loc): 78642 | COUNTY: Williamson

Facility Mailing Address: 2001 Picadilly Dr. | CITY: Round Rock | STATE: TX | ZIP CODE: 78644 | ZIP +4:

ON-SITE CONTACT PERSON: Manager | TITLE: | TELEPHONE NO/Ext: 512-233-1307

E_MAIL ADDRESS: | FAX NUMBER:

LATITUDE: Degrees 30 | Minutes 39 | Seconds 47

TYPE OF FACILITY: ☐ Emergency Generator ☐ Wholesale ☐ Retail ☐ Farm or Residential ☑ Fleet Refueling ☐ Aircraft Refueling ☐ Indian Land ☐ Watercraft Fueling ☐ Industrial/Manufacturing/Chemical Plant

Number of regulated *USTs at this facility: ____
*Underground Storage Tanks (USTs)
Number of regulated *ASTs at this facility: ____
*Aboveground Storage Tanks (ASTs)

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☑ Update to Regulated Entity Information

RECEIVED
APR 04 2018
TCEQ
CENTRAL FILE ROOM

What is the primary Business of this Entity? (Do not repeat SIC or NAICS description) Ready Mix Concrete

PRIMARY SIC CODE: 3273 | SECONDARY SIC CODE:

PRIMARY NAICS CODE: | SECONDARY NAICS CODE:

LONGITUDE: Degrees -97 | Minutes 52 | Seconds 42

3. TANK OPERATOR*INFORMATION ☑ (mark here if same as owner)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA)

**Operator* means any person in day-to-day control of and having responsibility for, the daily operation of the AST system.* If the Operator Name below is a new Operator, enter previous Operator Name: ____ CN ____

TANK OPERATOR NAME: *(DO NOT LIST EMPLOYEES OF OPERATOR)*

MAILING ADDRESS:

CITY: | STATE: | ZIP CODE: | ZIP +4:

COUNTRY (OUTSIDE USA): | E-MAIL ADDRESS:

OPERATOR'S AUTHORIZED REPRESENTATIVE: | TITLE: | TELEPHONE NO/Ext:

TX State TAX ID: | TX SOS/CPA Filing No:

TYPE OF TANK OPERATOR: ☐ Individual ☐ Corporation ☐ Sole Proprietorship ☐ Federal Gov't ☐ State Gov't ☐ County Gov't ☐ City Gov't ☐ Local Gov't ☐ General Partnership ☐ Limited Partnership ☐ Other

Date listed person became operator:

FAX NO: | INDEPENDENTLY OWNED & OPERATED ☐ YES ☐ NO

NUMBER OF EMPLOYEES ☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 & HIGHER

FEDERAL TAX ID: | DUNs NO:

TCEQ Facility ID No 78640

TCEQ - AST REGISTRATION FORM

4. REGISTRATION STATUS

Reason For Submitting Form *(Mark all that apply)*:

1 ☐ Initial Registration 2 ☑ AST Ownership Change *(New Owner indicate effective date:)*... 1/1/18

3 ☐ Amendment of: A ☑ Owner Information Update B ☐ Operator Information Update C ☐ Facility Information Update D ☑ Tank Information Update

4. ☐ Other *(specify)*: replaced tank & removed owner of tank took it away

If this update will affect other program areas affiliated to this customer/RN, indicate all affected programs in Section 6 of this form.

Effective Date for Customer Information Updates (mm/dd/yyyy): 1/1/2018

5. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and based on my current knowledge and understanding, the submitted information is true, accurate, and complete and that I have signature authority to submit this form on behalf of the entity in Section 1 and/or as required for the updates to the ID number identified in Section 6.

Printed Name of Owner/Operator (or Authorized Representative)	Title
PAUL HENRY PE	ENGINEER
Signature of Owner/Operator (or Authorized Representative)	**Date of Signature (mm/dd/yyyy)**
	2/21/2018

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-2160.

TCEQ ABOVEGROUND (AST) GENERAL INFORMATION

Who Must Register? Registration is required by Title 30 TAC, Chapter 334, Subchapter F, Section 334.123 for all aboveground storage tanks (ASTs) that have been used to store a regulated petroleum product that are in existence as of September 1, 1989, or that are brought into use after September 1, 1989. The deadline for registering existing tanks was March 1, 1990. Owners who put tanks into use after March 1, 1990 must register their tanks with the Texas Commission on Environmental Quality within 30 days from the date any regulated product is placed into the tank.

Which Tanks Are Regulated? AST is defined as a non-vehicular device that is made of non-earthen materials; located on or above the surface of the ground or on or above the surface of the floor of a structure below ground, such as a mine working, basement, or vault; and designed to contain an accumulation of petroleum. Only AST's with a capacity greater than 1100 gallons are regulated.

What Petroleum Products Are Regulated? Petroleum product means a product that is obtained from distilling and processing crude oil and that is capable of being used as a fuel for the propulsion of a motor vehicle or aircraft, including:

1.motor gasoline;
2.gasohol, and other blended fuels;
3.aviation gasoline;
4. kerosene;
5.distillate fuel oil; and
6.diesel #1 and #2.

The term does not include naphtha-type jet fuel, kerosene-type jet fuel, waste oil, or a petroleum product destined for use in chemical manufacturing or feedstock of that manufacturing.

Which Tanks Are Exempt? The following ASTs are exempt from regulation under this program:

1. a farm or residential AST with a capacity of 1,100 gallons or less used for motor fuel for noncommercial purposes;
2. a tank used for storing heating oil for consumptive use on the premises where stored;
3. a septic tank;
4. a surface impoundment, pit, pond, or lagoon;
5. a stormwater or wastewater collection system;
6. a flow-through process tank;
7. a tank, liquid trap, gathering line, or other facility used in connection with the exploration, development, or production of oil, gas, or geothermal resources, or any other activity regulated by the Railroad Commission of Texas pursuant to the Natural Resources Code, §91.101;
8. a transformer or other electrical equipment that contains a regulated substance and that is used in the transmission of electricity, to the extent that such a transformer or equipment is exempted by the United States Environmental Protection Agency under 40 C.F.R. Part 280;
9. an AST is exempt from regulation under this chapter if the sole or principal substance in the tank is a hazardous substance;
10. an interstate pipeline facility, including gathering lines, or an AST connected to such a facility is exempt from regulation under this chapter if the pipeline facility is regulated under:
    (1) the Natural Gas Pipeline Safety Act of 1968 (49 United States Code, §1671 et seq.)
    (2) the Hazardous Liquid Pipeline Safety Act of 1979 (49 United States Code, §2001 et seq.);
11. an intrastate pipeline facility or aboveground storage tank connected to such a facility is exempt from regulation under this chapter if the pipeline facility is regulated under one of the following state laws:
    (1)Natural Resources Code, Chapters 111 and 117
    (2)Texas Civil Statutes, Articles 6053-1 and 6053-2; and
12. an AST that is located at or is part of a petrochemical plant, a petroleum refinery, an electric generating facility, or a bulk facility as that term is defined by §26.3574(a) of the Water Code is exempt from regulation under this chapter but is not exempt for purposes of the fee for delivery of certain petroleum products authorized under $26.3574 of the Water Code.

Amended Registration: An owner of a regulated AST is required to provide written notice to the TCEQ of any changes or additional information concerning the status of any regulated tank, including, but not limited to, operational status condition, product stored, and ownership. When filing an amended registration form, please mark the appropriate box in Section IV. Notice must be filed with the Commission within 30 days from the date of occurrence or knowledge of the status change.

AST Fees: Annual facility fees shall cease to be assessed effective September 1, 2007, and shall not be assessed until such time as reinstated by the commission at an amount determined appropriate by the commission. (Title 30 TAC, Chapter 334, Subchapter F, Section 334.128)

Penalties: Any owner who knowingly fails to register their ASTs or submits false information may be subject to a civil penalty not to exceed $10,000 per day for each violation.

TCEQ Facility ID No

TCEQ - AST REGISTRATION FORM

6. TCEQ PROGRAMS IN WHICH THIS REGULATED ENTITY PARTICIPATES

Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If the program is not listed, check other and write it in. This identification will help ensure this form will go to the correct Program Areas and that the appropriate permits / registrations are updated.

☐ Animal Feeding Operation	☐ Dam Safety	☐ Districts	☐ PWS
☐ Industrial & Hazardous Waste	☐ Municipal Solid Waste	☐ New Source Review - Air	☐ Edwards Aquifer
☐ OSSF	☑ Petroleum Storage Tank	☐ Sludge	☐ Emmission Inventory Air
☐ Stormwater	☐ Tires	☐ Title V - Air	☐ Used Oil
☐ Utilities	☐ Voluntary Cleanup Program	☐ Wastewater Agriculture	
☑ Wastewater Permit	☐ Water Districts	☐ Water Rights	
☐ Water Utilities	☐ Other	☐ Other	
☐ Unknown	☐ Licensing - Type(s)		

7. DESCRIPTION OF ABOVEGROUND STORAGE TANKS

Tank ID (e.g. 1,2,3 or A, B, C)	1 A B	1		
Tank Installation Date *(Month/day/year)*	1/1/18			
Tank Capacity *(U.S. gallons)(must be >1100 gallons)*	6,000	3,000		
Tank Status 1-In Use *(includes tanks that are inactive but contain product)* 2-Out of Use *(tanks that are inactive and do not contain product)*. Indicate date taken out of use *(mo/day/yr)*.	1-☑ 2-☐	1-☐ 2-12/31/17	1-☐ 2-☐	1-☐ 2-☐
Product Stored Mark all that apply 1-Gasoline 2-Diesel 3-Kerosene 4-Alcohol Blended Fuel 5-Aviation Gasoline 6-Distillate Fuel Oil	1-☐ 2-☑ 4000 3-☐ 2000 gal 4-☐ Redyed 5-☐ 6-☐ diesel	1-☐ 2-☑ 3-☐ 4-☐ 5-☐ 6-☐	1-☐ 2-☐ 3-☐ 4-☐ 5-☐ 6-☐	1-☐ 2-☐ 3-☐ 4-☐ 5-☐ 6-☐
Material of Construction Mark all that apply 1-Steel 2-Fiberglass 3-Aluminum 4-Corrugated Metal 5-Concrete	1-☑ 2-☐ 3-☐ 4-☐ 5-☐	1-☑ 2-☐ 3-☐ 4-☐ 5-☐	1-☐ 2-☐ 3-☐ 4-☐ 5-☐	1-☐ 2-☐ 3-☐ 4-☐ 5-☐
Containment Mark all that apply 1-Earthen Dike 2-Containment Liner 3-Concrete 4-None	1-☐ 2-☑ 3-☐ 4-☐	1-☐ 2-☑ 3-☐ 4-☐	1-☐ 2-☐ 3-☐ 4-☐	1-☐ 2-☐ 3-☐ 4-☐
Stage I Vapor Recovery ** See rule & location exemption information.* 1-Stage I (AST to tanker truck): Installation date: • Type: 1a-Stage 1 two-point system 1b-Stage 1 coaxial system • Exempt by: 1c-TCEQ Rule*	1-☐ 1a-☐ 1b-☐ 1c-☑	1-☐ 1a-☐ 1b-☐ 1c-☐	1-☐ 1a-☐ 1b-☐ 1c-☐	1-☐ 1a-☐ 1b-☐ 1c-☐

* STAGE I VAPOR RECOVERY - Please indicate whether your system has Stage I vapor recovery equipment and the installation date of the equipment. Applicable requirements may be found in 30 TAC, §115.221-229 and §115.241-249. If your AST system is not located in a non-attainment county or one of the 95 covered attainment counties, completion of this section is not necessary. For a complete list of covered attainment counties, please refer to 30 TAC, §115.10.

1. Stage I - system used to capture vapors from the AST during deliveries. Stage I is required in non-attainment counties and in the 95 covered attainment counties if throughput is greater than 125,000 gallons.

If you have questions on how to fill out this form or regarding the PST program, please contact us at 512/239-2160.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. If you wish to review such information, contact us at 512/239-2160.

For data verification purposes, please check our IWR (Integrated web reporting) web page:
www15.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch

Henry Environmental Services
Post Office Box 1148
Elgin, Texas 78621

February 21, 2018

Petroleum Storage Tank Registration Program (MC-138)
Texas Commission on Environmental Quality
Post Office Box 13087
Austin, Texas 78711-3087

Re: Lauren Concrete, Inc., CN605061001, RN105494744

Dear Reviewer:

Enclosed is an Aboveground Storage Tank registration form for Lauren Concrete's Liberty Hill Plant. Lauren is the owner and operator at this site. The form is submitted as a change to tank information and owner of tank.

The company replaced a 3,000 gallon diesel tank which was owned by Cinco J with a 6,000 gallon diesel tank that Lauren will own. Cinco J removed their tank from the site. The new tank is a compartmented tank with 2,000 and 4,000 gallon compartments one with dyed diesel and the larger with motor diesel. The tank is double walled. Stormwater and Spill Plans have been revised to show this change as well.

If you have any questions, do not hesitate to call or email me.

Sincerely,

Paul W. Henry, P.E.

Enclosures

cc: Mr. Kurt Holman, VP Safety/Environment, Lauren Concrete

Phone 512-281-6555
[redacted]