



Report Version 6

Hazardous Materials Initial Site Assessment (ISA)

June 17, 2022

District: Dallas

Farm-to-Market (FM) 741

CSJ: 1092-01-021

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 9, 2019, and executed by FHWA and TxDOT.

*TxDOT Environmental Affairs Division
Effective Date: December 2019
510.02.DS
Version 6*

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: 1092-01-021	City: Heartland, Crandall, Forney	Zip Code: 75126, 75114	County: Kaufman
HWY: FM 741	Limits: From US 175 to FM 548		

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

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

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Are there any previous environmental assessments, testing, or studies performed within the proposed project area related to contamination issues (to include Phase I ESAs)? If yes, explain here if there are any concerns to the proposed project: An ISA was prepared for the IH 20 Frontage Road project (CSJ 0095-14-027, etc) in June 2019 which included the area at FM 741. The previous document is retained in the project files at the TxDOT Dallas District.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Have the project schematics and/or plan-profile sheets (if available) been reviewed?* Look for substantial excavations (including utilities and storm sewer designs), new ROW and easements, and bridge demolitions or renovations.

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

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

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

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

Section 3: Project Screening

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

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

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

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

Section 3.2

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

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

3.3 Complete the appropriate box below:

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

Section 4: Current and Past Land Use Information

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

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.1 Review Current and Past USGS 7.5 Minute Topographic Maps of the project area: Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns: Pipelines cross the project area in the northern portion.		
	List Topo Maps Reviewed: Forney South, TX	Dates: 1963, 1973, 2016	Comments: The project area is shown as undeveloped land and US 175 and FM 741 are shown on the 1963 and 1973 maps. Two pipelines are also shown on the maps crossing the northern project area; one of these pipelines, the northernmost, corresponds to a current pipeline (see Sec. 8.1 Oil & Gas Activity for pipeline information). The 2016 map shows IH 20 as well as residential streets adjacent to the project between CR 257 and IH 20 and near FM 548. No other features such as pipelines are shown the 2016 map.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	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: None		

<input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	List All Aerial Photos Reviewed:	Photo Dates:	Comments:
	USDA, USGS, TXDOT, ASCS, AMS	1940, 1953, 1968, 1972, 1981, 1984, 1995, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2019, 2020	The project area is shown as predominantly agricultural land from 1940 through 1984. The 1995 aerial shows a residential neighborhood near the intersection of FM 741 and the current Windy Ln and a racetrack is shown adjacent west of the project near the southern terminus. No other changes in the project area are noted. 2004 shows more development in the above neighborhood and additional neighborhoods further south along the project. The current Forney High School is shown near the northern project terminus as well. Residential development continues through 2020 mostly in the central and northern areas of the project. The southern area of the project remains predominantly agricultural. FM 741 is shown on all aerials while US 175 is first shown in 1953 and IH 20 is first shown in 1995.
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.3 Review Current and Past Right-of-Way Maps/Files*: Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns:		
	List Maps/ Files & Dates Reviewed:	Comments:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.4 Review Sanborn Fire Insurance Maps/Files: Look for tanks, oil & gas pipelines, landfills, or other industrial features. Describe any concerns:		
	List Maps/ Files & Dates Reviewed:	Comments:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.5 Review TxDOT As-Built Plans*: Were any concerns identified during previous work within the project limits? If yes, explain: If known, what is the previous Project CSJ:		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	4.6 Review TxDOT Geotechnical Soil Boring Logs*: Were any concerns noted on the boring logs such as unusual odors, visible contamination, trash, waste or debris? If yes, explain:		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	4.7 Review TxDOT Temporary Use ROW Agreements (permits issued by the district to entities to occupy a portion of the ROW)*: Were any concerns such as monitor wells or treatment systems identified within the ROW? For consultants: this information shall be supplied by TxDOT. If yes, explain:		

<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	4.8 Review Notifications of Contamination to TxDOT* (These are typically letters from TCEQ or third parties explaining the presence of contamination on TxDOT ROW): Were any concerns regarding contamination of ROW from off-site sources? If yes, explain:
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* 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
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Federal Active NPL or Not NPL list (CERCLIS or SEMS sites)* https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm ; and/or https://www.epa.gov/cleanups/cleanups-my-community (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Federal Archived NPL or Not NPL list (CERCLIS or SEMS sites)* https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	US EPA Brownfield Properties https://www.epa.gov/cleanups/cleanups-my-community (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA Corrective Action (CORRACTS) list https://www.epa.gov/cleanups/cleanups-my-community , and/or http://www.epa.gov/enviro/ (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA non-CORRACTS Treatment Storage Disposal (TSD) facilities list http://www.envcap.org/statetools/tsdf/ and/or http://www.epa.gov/enviro/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Federal RCRA generators http://www.epa.gov/enviro/ (acquired property and adjoining properties)

<input type="checkbox"/> Not Reviewed	
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal ERNS (or Responses) https://www.epa.gov/cleanups/cleanups-my-community (acquired property and adjoining properties)
Comments for Sites Identified:	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	TCEQ Industrial Hazardous Waste Corrective Action (IHWCA) sites only* http://www15.tceq.texas.gov/crpub/ (1 mile minimum search distance from project limits)
Comments for Sites Identified: An additional database search was performed for the 0.6-mile section of the project ROW from Monitor Blvd to FM 548 on June 8, 2022. In the added database, one IHWCA site was identified and corresponds to Map Key 5. In addition, a search was performed on TCEQ Central Registry for this area and one IHWCA was identified within the specified search radius. The site is located at 907 E Broad St in Forney and is situated approx. 4,725 ft north-northwest of the project. Based on the distance, this site is not considered an environmental concern to the project.	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ Superfund sites* http://www15.tceq.texas.gov/crpub/ and/or https://www.tceq.texas.gov/remediation/superfund/sites/index.html (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Closed and abandoned municipal solid waste landfill sites* http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw-data (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ leaking petroleum storage tank remediation lists (LPST)* http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	TCEQ registered petroleum storage tank lists (PST)* http://www15.tceq.texas.gov/crpub/ (acquired property and adjoining properties)
Comments for Sites Identified: One site was identified within the specified search radius on the database report. However, the TCEQ Central Registry identified two additional sites within the specified search radius, one being associated with Map Key 10. In addition, a second database search was conducted on June 8, 2022 for a 0.6-mile section of the project ROW from Monitor Blvd to FM 548. The sites identified in the TCEQ Central Registry were also identified in the additional database search conducted and correspond to Map Key 4 in the added database. All sites are discussed in Sec. 8.1.	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> 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:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> 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:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ Dry Cleaners remediation only Database* http://www15.tceq.texas.gov/crpub/ (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	

<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	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: TRRC Public GIS Viewer: findings discussed in Section 8.1.	
Record Source and Comments: North Central Texas Council of Governments Closed Landfill Inventory: no landfills mapped within a one-mile radius of the project area.	

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): December 14, 2021

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:

An aboveground PST was observed on the west side of FM 741 within proposed ROW at approx. STA 34+00. The tank is stored within a steel secondary containment. The property the tank is on is currently being developed and the tank, most likely containing diesel, is onsite for fueling heavy equipment. No leaks or staining were observed in relation to the tank. Once the property is developed, the tank would be removed. Based on no leaks or staining observed and the temporary location of the tank within proposed ROW, this feature is considered a low environmental risk to the project.

An electric substation was observed on the east side of FM 741 south of Venner Circle. ROW is proposed from this property along FM 741, however, the proposed area remains outside the substation fencing. Based on the nature of the site, this site is not considered an environmental 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
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Current or Past Land Use Concerns: These concerns are associated with hazardous material issues identified in Section 4 that <u>were not discovered during the database search in Section 5.1 or during the Site Survey in Section 6.1.</u> Note: <i>For ECOS IIR development, the Available Contaminated Media would be "Other".</i>
Explain Unresolved or Resolved Issues: Two pipelines were noted on the topographic maps, one corresponding with a current pipeline. All pipelines are discussed below under Oil & Gas Activity.	
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Site Visit Concerns: These concerns are associated with hazardous material issues discovered following the completion of Section 6 that <u>were not previously discovered during the database search in Section 5.1 or during the current and past land use review in Section 4.</u> Note: <i>For ECOS IIR development, the Available Contaminated Media would be "Other".</i>
Explain Unresolved or Resolved Issues:	

The observed AST is considered a low environmental risk and the electric substation is not considered an environmental concern. See Sec. 6.1 for more information.

- ☐ **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:

<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Petroleum Storage Tanks (PSTs) Concerns discovered during the database search: PSTs are underground or aboveground storage tanks used to store fuel or other petroleum substances. Typically, these are found at gasoline and diesel refueling facilities. Select below all that apply.	
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more PSTs.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
<p>Explain Unresolved or Resolved Issues:</p> <p>Map Keys 3 & 12: Texas Pride, located at 5525 FM 741 in Heartland, is situated adjacent southwest of the project at the southwest corner of FM 741 and Sunnybrook Dr. This is an active gas station facility using one 26,000-gallon split gasoline/diesel underground PST installed in 2019. The tank hold is approx. 20 ft from proposed ROW. No releases are reported for the facility. The database report identifies the #3 listing as a Delisted Tank; however, the facility has no delisted tanks on TCEQ. This was most likely the pending registration of the current, active tank. A minor amount of ROW is proposed from this site along FM 741. Proposed work activity adjacent to this site includes widening FM 741 with minimal regrading and a storm sewer line crossing the intersection of FM 741 and Sunnybrook Dr. Although a storm sewer line will be installed adjacent to this facility, based on no reported releases, this site is considered a low environmental risk to the project.</p> <p>Map Key 10: Kaufman County Precinct 2 Barn, located at 12051 Precinct Circle in Forney, is situated adjacent east of the project at the southeast corner with FM 741. This is a county equipment and fleet vehicle storage site. The PST listing for this site was not identified on the regulatory database report but is listed on the TCEQ Central Registry. The site formerly used one 1,000-gallon gasoline underground PST registered in 1987 and removed in 1998. The former location of the tank hold is unknown. No releases are reported for the facility. The database report identifies seven Tier 2 listings for this facility. These are associated with storage of gasoline and diesel. The quantity of fuel storage or the types of containers is not reported on the regulatory database. During the site reconnaissance, at least four aboveground, in-use PSTs of varying sizes were observed onsite. Some of these are presumed to be the storage tanks for the Tier 2 gasoline and diesel fuels. Two of the tanks were observed within secondary concrete containment along Precinct Rd, approx. 90 ft east of proposed ROW. Two tanks, one very large, were observed on the south side of the main structure, with no secondary containment, approx. 50 ft from proposed ROW. A significant amount of surface staining was observed around the very large tank. No aboveground PST registrations were identified on TCEQ Central Registry for this site. In addition to the tanks, one out-of-use, small, aboveground tank and multiple 55-gallon drums of unknown contents were observed in different locations by the onsite structures. ROW is proposed from this west side of the site along FM 741 and the south side of the side along Precinct Circle. Proposed work activity adjacent to this site includes widening FM 741 with minimal regrading, improvements at the intersections with FM 2931/Precinct Circle and Precinct Rd, also with minimal regrading, and a storm sewer line crossing the intersection of FM 741 and Precinct Rd. Although a storm sewer line will be installed adjacent to this facility, based on no reported releases and the distance of observed onsite aboveground tanks and drums from proposed ROW and work activity, this site is considered a low environmental risk to the project.</p> <p>7-Eleven Store 37211, located at 490 FM 548 in Forney, is situated adjacent east of the end project limits at the southeast corner with FM 741. This is an active gas station facility using one 20,000-gallon gasoline and one 20,000-gallon split gasoline/diesel underground PSTs installed in 2015. The PST listing for this site was not identified on the regulatory database report but is listed on the TCEQ Central Registry. A second database search was conducted on June 8, 2022, this site corresponds to Map Key 4 in the added database. No releases are reported for the facility. Although this site is adjacent to the end project limits, this site is approx. 2,800 ft from proposed construction activity which ends at Monitor Blvd. Based on no reported releases and the distance of the site from proposed work activity, this site is not considered an environmental concern to the project.</p>		
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	Leaking Petroleum Storage Tanks (LPSTs) Concerns discovered during the database search: LPSTs are PSTs that have caused or are suspected to have caused a release of fuel or other petroleum substances to the environment.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from one or more LPSTs. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more LPSTs.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	One or more LPSTs are located within 0.25 miles of the project.


	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Oil and Gas Activity Concerns: TxDOT is concerned with the acquisition of oil and gas wells (and ancillary equipment) such as process, piping, production equipment, pipelines, etc. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research needed or uncertain of impacts. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TRRC VCP Site within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oil/ Gas Wells within future ROW.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Spills or other Contamination Issues associated with ancillary equipment or pipelines.
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other- Describe: Four natural gas pipelines
Explain Unresolved or Resolved Issues: Four natural gas pipelines cross or are adjacent to the project. The pipelines are as follows: One 30-in Atmos natural gas transmission pipeline, approx. STA 376+00. One 20-in Atmos natural gas transmission pipeline, approx. STA 378+25 (this pipeline corresponds with the northernmost pipeline shown on topographic maps in the project area). One 6.63-in Atmos natural gas transmission pipeline, approx. STA 378+25. This pipeline does not cross the project but ends at the northwest side of FM 741 existing ROW. One 3.5-in Atmos natural gas transmission pipeline. This line parallels FM 741 existing ROW beginning at approx. STA 378+25 to STA 410+80 where it crosses FM 741. Based on the contents of pipelines, these features are not considered environmental concerns for the project. Formal utilities location and advance planning would be required to facilitate pipeline and utilities adjustments and to otherwise avoid associated impacts. TxDOT Dallas District SUE Coordinator and ROW will be responsible for the adjustments and displacements.		
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved <input type="checkbox"/> No Issue	Non-LPST Source Contamination Concerns discovered during the database search: These are sites or locations that have a potential for soil and groundwater contamination and are not associated with LPST sites. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from a Non-LPST site. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Active NPL or Not NPL site(s) within 1 mile of the project. This may be identified on a database search as a CERCLIS or NPL site.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Archived NPL or Not NPL site(s) within 0.5 miles of the project. This may be identified on a database search as a CERCLIS NFRAP.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA Corrective Action(s) site within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA TSD facilities within 0.5 miles of project.
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Database search identified TCEQ IHW Corrective Action sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ Superfund sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ VCP sites within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ IOP sites within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues: The IHWCA site is determined to not be an environmental concern to the project. See Sec. 5.1 for more information.		
<input type="checkbox"/> Unresolved <input checked="" type="checkbox"/> Resolved	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	

<input checked="" type="checkbox"/> No Issue	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.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional research is needed or uncertain of impacts. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified active/closed/abandoned CALF or MSWLF landfill sites within .5 miles of the project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
8.3 Did the ISA identify any Unresolved Hazardous Material concerns? <input checked="" type="checkbox"/> No, unresolved hazardous materials concerns were identified and/or all potential concerns were resolved within the ISA. No further hazardous materials action is required. The ISA is complete for this project. Any unanticipated hazardous materials impacts encountered during the project construction phase shall be addressed in accordance with regulatory requirements and TxDOT standard specifications. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file. <input type="checkbox"/> Yes, the ISA identified one or more unresolved hazardous materials concerns requiring additional investigations or assessments. An Issues, Identification, and Resolution (IIR) form shall be completed in ECOS to track the additional investigations and assessments. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.		

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

Referenced Materials Used	<input checked="" type="checkbox"/> Project Map	<input checked="" type="checkbox"/> USGS Topo Maps	<input checked="" type="checkbox"/> Aerial Photographs
	<input type="checkbox"/> ROW Maps/Files	<input type="checkbox"/> Sanborn Fire Insurance Maps	<input type="checkbox"/> Temporary Use Agreements
	<input type="checkbox"/> TxDOT As-Built Plans	<input type="checkbox"/> Notifications	<input checked="" type="checkbox"/> Photographs
	<input checked="" type="checkbox"/> Project Schematics/Profiles	<input checked="" type="checkbox"/> Regulatory Database	<input type="checkbox"/> Record of Interviews
	<input checked="" type="checkbox"/> Other: TRRC pipeline map and information; TCEQ Central Registry PST information.		

Section 10: Contact/Completed by

Name:	Kayleigh Locke	Tel: 405-724-8505
Title:	Ecologist	
Firm (District Section):	Cox McLain Environmental Consulting, now Stantec	
Address:	1114 N. Walker Avenue Suite #4 Oklahoma City, Oklahoma 73103	
Signature:		Date: June 17, 2022

Appendix A

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

Revision History	
Effective Date	Reason for and Description of the Change
December 2019	<p>Version 6</p> <p>Updated NEPA assignment disclaimer language to reflect first renewed NEPA assignment MOU date of December 9, 2019.</p>
April 2017	<p>Version 5</p> <p>The cover page has additional fields related to specific project information. This is added to personalize the ISA to a project.</p> <p>Section 2 was modified to acknowledge that asbestos or lead-in-paint issues might exist on our construction projects, but the identification and resolution to these issues are outside of the ISA process and are handled programmatically by TxDOT (usually in CST or the ROW processes).</p> <p>Section 3 was modified by adding an additional screening option. You are now able to screen out of performing a full ISA if your project meets the parameters described.</p> <p>Section 6 was reformatted to remove the numerous selections related to the Possible Site Survey Concerns. Additionally, redundant questions were removed to make the section easier to use. Under the new format, the preparer is required to insert the survey dates and a description of what was identified during the survey.</p> <p>Minor changes were made to terminology throughout the ISA, this was performed to clarify and streamline the process.</p> <p>Section 8.1 has been modified to provide resolution to potential hazardous materials issues that can be resolved easily during the ISA process. Additionally, a comment field was added to provide direction related to issues requiring further action to resolve. This will streamline the process in reducing the amount of IIR entries requires in ECOS and will reduce the time required to review a project.</p>
June 2016	<p>Version 4</p> <p>Modifications to Section 5: Web links and database names were modified based on changes made by regulatory agency websites.</p>
October 2014	<p>Version 3</p>

	<p>Modifications to Section 2: Clarified this section to better define what are asbestos and lead-in-paint concerns. Changes were made due to numerous comments from the end-user.</p> <p>An additional note was added to this section. This note directs end-users to ENV-HMM for further assistance related to lead-in-paint issues.</p> <p>Modifications to Section 3: The question concerning Project Excavations in Section 3.1 was modified to match the definition used in Scoping Procedure for Categorically Excluded TxDOT Projects for Hazardous Materials found in the NEPA and Project Development Toolkit.</p> <p>Modifications to Section 5: Web links were modified based on changes made by regulatory agency websites.</p> <p>Modifications to 8.2: Clarified the “Yes” answer in 8.2 to remove the need for additional assessments for all identified hazardous materials concerns. The question was modified due to comments by the end-user.</p>
August 2014	<p>Version 2</p> <p>Removed introductory note describing ISA threshold criteria. Note was removed because the ISA threshold criteria are located in other TxDOT guidance.</p>
April 2014	<p>Version 1</p> <p>Released</p>