

Hazardous Materials in Project Development

Environmental Site Assessments

Contents:

Initial Site Assessment Worksheet	2
Regulatory Database Descriptions.....	10
Regulatory Database Sources	14
Regulatory Database Contacts.....	17
Sanborn Fire Insurance Maps	20

Initial Site Assessment Worksheet

Overview

The following worksheet is an example and provides additional guidance on conducting an initial site assessment ISA. The example worksheet may not be appropriate documentation for every transportation project. Districts are not required to complete the following form, but should document the findings of initial site assessments in project files.

Worksheet Abbreviations and Acronyms

- ◆ ASTs - above ground storage tanks
- ◆ CERCLIS - Comprehensive Environmental Response Compensation Liability Information System
- ◆ CSJ - control, section, job
- ◆ ERNS - Emergency Response Notification System
- ◆ HWY – highway
- ◆ MSWLF - municipal solid waste landfills
- ◆ NA - not applicable
- ◆ NRC - National Response Center
- ◆ NPL - National Priority List
- ◆ LPST - Leaking Petroleum Storage Tank
- ◆ RCRA - Resource Conservation and Recovery Act
- ◆ ROW - right-of-way
- ◆ RPST - registered petroleum storage tank
- ◆ TBD - to be determined
- ◆ TSD - treatment storage and disposal facility
- ◆ UNK – unknown
- ◆ USGS - United States Geological Survey
- ◆ UST - Underground Storage Tank

Sample Worksheet

TxDOT Initial Site Assessment

Project Information			
CSJ No:	City:	Zip Code:	County:
HWY:	Limits:		
Preliminary Project Design and Right-of-way Requirements			
(NA/Yes/No)	Obtain information/comments from design and right of way staff. Attach maps and/or details as appropriate.		
	Previous environmental assessments, testing or studies performed by local entities or TxDOT? If yes, any concerns?		
	Existing geotechnical borings/soil cores? If yes, provide location/depth.		
	Any concerns on available drilling logs? If yes, explain:		
	Proposed borings, columns, piers or drilled shafts? If yes, provide location/depth.		
	Proposed excavations (vertical alignment/profile changes, cuts, trenches and/or storm sewers)? If yes, provide location/depth.		
	Proposed de-watering? If yes, what is anticipated depth to groundwater level?		
	Proposed demolition or structure modification? If yes, provide details.		
	Proposed right-of-way acquisition and easement requirements? If yes, provide location/width.		
	Known encroachments? If yes, provide location and type.		
	Utility and/or pipeline adjustments? If yes, provide location, depth and type. Note if asbestos containing pipe (transite) must be removed.		
	Will utilities require adjustment during construction (joint bids)?		
	Other:		
	Other:		
	Other:		
	Other:		

Existing and Previous Land Use Information		
Reviewed? (NA/Yes/No)	Document sources reviewed. Review and assess existing right of way, proposed acquisition and adjacent land use.	
	USGS 7.5 Minute Topographic Maps Any concerns? If yes, explain:	
	Quad(s):	Date(s): Map ID:
	Aerial Photographs Any concerns? If yes, explain:	
	TxDOT:	Date(s): Aerial ID:
	Soil Conservation Service:	Date(s): Aerial ID:
	Other:	Date(s): Map ID:
	Right-of-way Maps/Files Any concerns? If yes, explain:	
		Date(s): Map ID:
	Sanborn Fire Insurance Maps Any concerns? If yes, explain:	
	Do Sanborn Maps cover project limits? Yes/No	
	Year:	Date(s): Map ID:
	Year:	Date(s): Map ID:
	Year:	Date(s): Map ID:
	TxDOT As-Built Plans Any concerns identified during previous work within the project limits? If yes, explain:	
	TxDOT Temporary Use Agreements: Any concerns such as monitor wells or remediation systems w/in the ROW? If yes, explain:	
	Notifications of Contamination to TxDOT: Any concerns regarding notices of contamination from an off-site source? If yes, explain:	
	Other?	

Existing and Previous Land Use Information (Continued)			
Type? (Circle and Describe)	Document types of land use on existing and proposed right-of-way. Also indicate type of adjacent land use. Obtain information from land use sources and site visits/field surveys.		
Undeveloped to Light Commercial:	undeveloped	agricultural ranch, pasture or cultivated fields	residential
	office buildings	retail	light commercial
Commercial, Repair or Maintenance:	motor repair	commercial printing facility	dry cleaners
	photo developing laboratory	service (gasoline) stations	other:
Recycling & Disposal Facilities:	auto salvage	landfill	recycling facility
	waste processing	treatment, storage or disposal	other:
Refinery:	ASTs	pipelines	other:
Oil & Gas Exploration:	oil/gas/injection wells	pipelines/compressor station	separation tanks
	batteries (ASTs)	other:	other:
Railroad:	rails and ballast	track side lubrication	loading ramps
	railroad staging areas/spurs	warehouses storage areas	other:
Industrial / Manufacturing:			
Military:			
Other:			
Other:			
Comments:			

Regulatory Agency Databases and Files			
Reviewed? (Yes/No)	Adjoining properties can typically use a minimum search distance of 0.4 km (0.25 mi) from proposed project limits. Proposed project limits include the existing and proposed right of way.		
	NPL sites within 1.6 km (1.0 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	CERCLIS sites within 0.8 km (0.5 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	RCRA (TSD) sites within 1.6 km (1.0 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	NRC sites within proposed project limits?		Concerns?
	RCRA (Generators) sites adjoining or within proposed project limits?		Concerns?
	Texas State Superfund sites within 1.6 km (1.0 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	LPST sites within 0.8 km (0.5 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	MSWLF (Permitted) sites within 0.8 km (0.5 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	Landfills (Abandoned and Unauthorized) within 0.8 km (0.5 mi)?	If yes, adjoining or within proposed project limits?	Concerns?
	RPST (ASTs and USTs) sites adjoining or within proposed project limits? Can use a minimum search distance of 0.4 km (0.25 mi).		Concerns?
	Other registered or regulated sites?	If yes, adjoining or within proposed project limits?	Concerns?
	Other?	If yes, adjoining or within proposed project limits?	Concerns?
	Other?	If yes, adjoining or within proposed project limits?	Concerns?

Project Site Visits/Field Surveys			
Performed? (Yes/No)	Document site visits and findings. Describe location, size of concern. Attach site maps and photographs as appropriate.		
	Windshield Survey:	Date(s):	Concerns?
		Date(s):	Concerns?
	Site Visit/Field Surveys:	Date(s):	Concerns?
		Date(s):	Concerns?
Evidence? (Yes/No)	Circle Specific Concerns Identified		
	Chemical or waste storage concerns?		
	underground storage tanks		
	vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground		
	aboveground storage tanks		
	electrical and transformer equipment		
	injection wells, cisterns, sumps, dry wells flooring, drains, or walls stained by substances other than water or emitting foul odors		
	vats, 55-gallon drums (labeled/unlabeled), canisters, barrels, bottles, etc.		
	stockpiling, storage, spills, surface dumping of trash, garbage, refuse, rubbish, debris half exposed/buried, etc.		
	damaged or discarded automotive or industrial batteries		
	Soil concerns?		
	stained, discolored, barren, exposed or foreign (fill) soil		
	Vegetation concerns?		
	dead, damaged or stressed vegetation		
	Surface water/drainage area concerns?		
	oil sheen or films on surface water, seeps, lagoons, ponds, or drainage basins		
	pits, ponds, or lagoons associated with waste treatment or waste disposal		
	changes in drainage patterns from possible fill areas		
	Protected areas?		
	security fencing, protected areas, placards, warning signs		
	Dead animals possibly due to contamination?		
	Other concerns?		

Interviews			
Interviewed? (NA/Yes/No)	Attach record of communications.		
	Local Residents including TxDOT Staff		
	Name:	Title:	Date:
	City Fire Departments		
	Name:	Title:	Date:
	City or County Department of Health/Environmental Division		
	Name:	Title:	Date:
	City or County Planning Department		
	Name:	Title:	Date:
	Local Electric Utility Companies (PCBs)		
	Name:	Title:	Date:
	Regional TCEQ		
	Name:	Title:	Date:
	District RRC		
	Name:	Title:	Date:
	Current or Former Property Owners or Operators: See ASTM Standard Practice E 1528 Transaction Screen for Questions.		
	Name:	Title:	Date:
	Name:	Title:	Date:
	Name:	Title:	Date:
Determine Need for Further Investigation			
(Yes/No)			
	Is additional review of project design and right-of-way requirements needed?		
	Is additional existing or previous land use research needed?		
	Is additional regulatory agency database or file review needed?		
	Are additional interviews needed?		
	Is additional assessment or investigation needed?		

Findings			
(Yes/No/TBD)	Answer and Explain		
	Does possible or known contamination exist within the right-of-way?		
	Is there possible or known involvement with contamination or hazardous material concerns during construction?		
	Is further investigation required during subsequent stages of project development?		
	Will special considerations be needed during the right-of-way acquisition process or property management?		
	Will special considerations be needed during plans, specification and estimate (PS&E) development?		
	Will special considerations be needed during maintenance?		
Attachments			
Circle	Project Map	USGS Topo Maps	Aerial Photographs
	ROW Maps/Files	Sanborn Fire Insurance Maps	Temporary Use Agreements
	TxDOT As-Built Plans	Notifications	Photographs
	Record of communications	Other:	Other:
Contact/Completed by			
Name:			Tel: Fax:
Title:			
Firm (District Section):			
Address:			
Signature:			Date:

Regulatory Database Descriptions

Environmental Protection Agency (EPA) Databases

National Priorities List: The National Priorities List (NPL) is a database of EPA's highest priority uncontrolled or abandoned hazardous waste sites that have been identified for possible long-term remedial action under Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Superfund. Any site with a Hazardous Ranking System (HRS) score of 28.5 or greater is placed on the NPL list. A site must be on the NPL to receive money from the Trust Fund (Superfund) for remedial action. NPL sites are eligible for cleanup at federal expense if responsible parties cannot be identified or no longer exist. The NPL list must be updated once a year and published in the Federal Register.

Comprehensive, Environmental Response, Compensation and Liability Information System: Comprehensive, Environmental Response, Compensation and Liability Information System (CERCLIS) is a database of sites previously or currently under investigation by the EPA for potential hazardous substance contamination and possible inclusion on the National Priorities List (NPL). CERCLIS provides data on active sites from the point of discovery to listing on the NPL through completion of remedial and response actions. There is no guarantee that CERCLIS contains all existing potential hazardous sites. Updated quarterly, information in this database includes name, alias, location and NPL status. The EPA's Office of Emergency and Remedial Response also maintains an archive list of sites designated as No Further Remedial Action Planned (NFRAP), which are not active or have been removed from CERCLIS. The CERCLIS list should be used in conjunction with the NPL, since it may not contain all site status updates.

Resource Conservation and Recovery Information System: Resource Conservation and Recovery Information System (RCRIS) is a database of hazardous waste handlers regulated under the Resource Conservation and Recovery Act (RCRA). All hazardous waste handlers (generators, transporters, and treatment, storage and disposal facilities (TSDFs)) are required to notify EPA. TSDFs are also required to submit more detailed information concerning wastes handled, Standard Industrial Code (SIC) and process data. Information in the database includes facility address, permit and closure. The RCRA Administrative Action Tracing System (RAATS) database contains violations, evaluations and enforcement information. Information ranges from site evaluations to administrative orders requiring corrective actions of illegal activities.

National Response Center: The National Response Center (NRC) is the sole federal point of contact for reporting oil and chemical spills. The NRC maintains a computer database of information about release notifications of oil and hazardous substances in the United States. Initial notification data may be updated with information from federal, state or local response authorities. The United States, Puerto Rico, U.S. Virgin Islands and Guam are covered in the database from 1987 to the present.

The quality of the data is occasionally limited and contains transcription errors or misspellings, since some reports are taken over the phone. Reports may also be submitted online. Information protected for privacy purposes is also not available. NRC data should not be used as the sole source of information about a release. All information in NRC should be checked against as many other sources as possible.

The completeness, accuracy, multiple notifications, multiple sources, data updates, entry errors and data structure changes can affect the quality of NRC data. NRC primarily contains initial accounts of releases made during or immediately after incidents, when exact details are often unknown. The data may not be updated unless an EPA region office is involved in the response action. Because the data may be gathered from many sources, multiple notifications of some releases may exist. These may or may not be exact duplicates. Large releases are especially prone to multiple notifications.

Facility Registry System: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS incorporates information from program national systems and state master facility records, as well as data collected from the EPA's Central Data Exchange registrations and data management personnel. The FRS provides a single, integrated, online source of comprehensive (air, water, and waste) environmental information about facilities, sites or places. The EPA's Office of Information Collection within the Office of Environmental Information is responsible for implementation and management of the FRS.

Toxic Release Inventory System: The Toxic Release Inventory System (TRIS) database contains data about releases and transfers of more than 650 toxic chemicals and compounds by medium of release as required under SARA Title III Emergency Planning and Community Right-to-Know Act (EPCRA) and the Pollution Prevention Act (PPA). TRIS data includes the following categories: facility identification, substance identification, environmental release of chemicals, waste treatment and offsite waste transfer. An updated database may not be available to the public until 15 months has passed from the year the data was collected.

Texas Commission on Environmental Quality (TCEQ) Databases

Files containing correspondence, maps, consultant reports and registration notices can be reviewed at the Texas Commission on Environmental Quality (TCEQ) regional offices. Central records for the state can also be reviewed at the TCEQ main office in Austin, Texas.

Texas State Superfund Registry: In 1985, the Texas Legislature amended the Texas Solid Waste Disposal Act to create the State Superfund Program. This program was created to protect human health and the environment through remediation, which includes removal, treatment or containment of wastes of abandoned hazardous sites. The federal and state Superfund programs work together to identify and respond directly to hazardous sites in Texas.

Unfortunately, funds are limited and only the highest ranking sites make the federal NPL. The state program addresses abandoned or inactive sites within the state that do not qualify for action under the federal program and cannot be remediated under the hazardous waste program or by other means. While modeled after the federal Superfund program, the state program does differ in liability, appeals and the types of substances included.

When the State Superfund Program was created in 1985, it applied only to hazardous wastes, however, the Texas Legislature modified the SWDA in 1989 to include releases of hazardous substances. The rules for the State Superfund Program are contained in Subchapter K (Hazardous Substance Facilities Assessment and Remediation) of 30 Texas Administrative Code (TAC) Chapter 335 (Industrial Solid Waste and Municipal Hazardous Waste).

Industrial Hazardous Waste Registration Database: The Registration, Review and Reporting Division of TCEQ's Registration & Reporting Section maintains an Industrial Hazardous Waste Registration database. Information contained in the database includes, among other information, names and addresses of the permitted hazardous waste facilities in Texas.

Municipal Solid Waste Landfill: All municipal solid waste facilities in Texas are classified according to the method of processing or disposal of municipal solid waste by TCEQ. Subject to the limitations, a municipal solid waste landfill (MSWLF) facility may also receive special wastes, including Class I industrial non-hazardous solid waste and hazardous waste from conditionally exempt small quantity generators, if properly handled and safeguarded in the landfill facility.

Petroleum Storage Tank Registration: Owners and operators of petroleum storage tanks are required to register and self-certify tank information with the TCEQ. The Petroleum Storage Tank Registration or Registered Petroleum Storage Tank List contains registered aboveground and underground storage tanks in Texas. The list includes information such as the number of tanks, type of construction material, capacity, facility location and owner information.

Leaking Petroleum Storage Tank: The Leaking Petroleum Storage Tank database contains facility information, status and priority of reported leaking petroleum storage tanks in Texas.

Voluntary Cleanup Database: Updated monthly, the Voluntary Cleanup Database contains pertinent information on all sites in the Voluntary Cleanup Program (VCP). Created under HB 2296, the Texas VCP was established on September 1, 1995, to provide administrative, technical and legal incentives for cleaning up contaminated sites in Texas. Since future lenders and land owners receive protection from liability to the State of Texas for cleanup of sites under the VCP, most constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or underused properties may be restored to economically productive or community beneficial uses. Also under this program, site cleanups follow a streamlined approach to reduce future human and environmental risk to safe levels.

Any site not subject to a TCEQ order or permit is eligible to enter the VCP, except in cases where agency enforcement action is pending. Upon acceptance of the application, the applicant must sign an agreement describing the work schedule of events necessary to achieve cleanup; by signing the agreement, the applicant also agrees to pay all VCP oversight costs. After cleanup is complete, the parties will receive a certificate of completion from the TCEQ stating that all lenders and future land owners who are not responsible parties are released from all liability to the State for cleanup of any areas covered by the certificate. Parties may terminate their participation in the VCP at any time by written notice to the program.

Enforcement: In accordance with statute, the commission prepares an annual electronic report describing the enforcement actions for each type of regulatory program and includes: the number of inspections; the number of notices of violations; the number of enforcement actions; the type of enforcement actions; the amount of penalties assessed, deferred, or collected; and any other information the commission deems relevant. The report is due by December 1st of each year and is made available to the general public via the TCEQ's web site.

Other

Abandoned Landfill Research: Commissioned by the TCEQ, Southwest Texas State University (SWTSU) has researched abandoned landfills using both geographic information systems (GIS) and remote sensing. The results of the research found 4,165 abandoned and permitted landfills.

Closed landfill information has been provided to the local Councils of Government for their use regarding land development and future planning. Information from the closed landfill inventory is available at any local Council of Government. Hardcopy information can also be obtained by mail or in person from TCEQ Records Services, phone 512/239-6204, fax 512/239-0888. Electronic data can be obtained by mail from TCEQ Customer Reports and Services, phone 512/239-3282, fax 512/239-0888.

Regulatory Database Sources

Freedom of Information Act Requests

The Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) can be contacted in writing to provide regulatory database information under the Texas Open Records and Freedom of Information Acts, respectively. The TCEQ and EPA have ten (10) days to determine whether the requested information falls within an exception which prohibits disclosure. Once release of the requested information is approved, there is no minimum time period in which it must be provided.

This approach to obtaining regulatory information is not typically practical, except when making requests on an individual site basis or for electronic or printed copy requests of databases for the entire state or a particular county.

Requests should be submitted to the following locations:

- ◆ Freedom of Information Officer, U.S. EPA Region 6, 1445 Ross Avenue, Dallas, Texas 75202-2733, TEL: 214-665-6597, FAX: 214-655-2146, E-mail: r6foia@epa.gov.
- ◆ Texas Commission on Environmental Quality (TCEQ), ATTN: Public Information Officer, MC-197, P.O. Box 13087, Austin, Texas 78711-3087, TEL: (512) 239-3282, FAX: (512) 239-0888, E-mail: openrecs@tceq.state.tx.us.

Regulatory Agency Data Requests

Some state databases or standardized reports are available from TCEQ's Customer Reports and Services section. Although TCEQ treats all requests equally, there should be no charge for computer services, shipping or staff services for routine requests since TxDOT is a state agency.

Commercial Vendors

Commercial vendors or information brokers provide list searches of environmental agency databases. These list searches may be a more practical source of regulatory database information, especially for many high-population density or industrial areas. Typically, a project-specific list search from a commercial vendor includes summary tables and maps locating the sites within a minimum search distance. At TxDOT, this information can be obtained through a contracted purchase of service. District purchasing staff should be contacted for specific contracting and purchase procedures.

Environmental Consultants

A list search of regulatory databases can also be obtained under the statewide environmental engineering consultant contracts. Consultants typically subcontract the list search from commercial vendors, as discussed above. Unless other engineering services are to be included, statewide consultant contracts may not be the most efficient way to contract for a list search. Although these subcontracted list search services are not marked up, additional administrative and review hours will most likely be invoiced by the consultant. However, if the project limits are very long and/or have many commercial or industrial properties, a district may decide that there is a need for a consultant to facilitate the regulatory database review and make recommendations. For more information on statewide environmental consultants, contact the Contract Services Office.

World Wide Web

Queries of some regulatory databases are available from EPA and TCEQ web pages. These queries cannot quite duplicate the accuracy or mapping capability of commercial vendors at this time. The following is just a summary of the available queries since more information and instructions can be found at the individual web site:

TCEQ's LPST Query <http://www.tnrcc.state.tx.us/waste/pst/rpr/pstquery.htm> / <http://www.tceq.state.tx.us/permitting/remed/rpr/pstquery.htm>: The LPST database can be queried using the LPST ID number to obtain essential information about Leaking Petroleum Storage Tanks (LPST), or to perform a search by either County, City, Street & City, Facility ID or Company, or to do both using full or partial names for the Company and/or City. A search will return a list of LPST numbers with the company names, street addresses and cities. The resulting output page can be printed for reference. One can then return to this Query Page and search for detailed information by the LPST ID Number. The information provided includes discovery and reporting dates, priority and status, the initials of the TCEQ case coordinator(s) if the case has been assigned, the responsible party, location, whether or not it is a federal facility, county and county number, pre-approval information and the TCEQ Region number and city.

EPA's Envirofacts Query http://www.epa.gov/enviro/html/ef_query.html: Envirofacts is a relational database that integrates data extracted from a number of major facility- (or site-) based EPA program systems AIRS/AFS, CERCLIS, GICS, ICR, NCOD, PCS, RCRAInfo, RCRIS and TRIS using two integrating databases: FRS and EMCI. It also incorporates locational information from Envirofacts' Locational Reference Tables to integrate these systems. The multi-system Envirofacts Query Form can be used to obtain an integrated report of the facility-based databases, or to query the databases individually for detailed information.

EPA's Maps on Demand <http://www.epa.gov/enviro/html/mod/index.html>: The SiteInfo application creates informative maps and reports, such as EPA-regulated facility, demographic and safe drinking water information for areas surrounding any given location in the United States by providing a latitude/longitude coordinate.

The results of Envirofacts queries can now be mapped using the new Query Mapper application. This tool is valuable to users interested in mapping facility locations and viewing the surrounding demographics, Geographic Retrieval and Analysis System (GIRAS) landuse and landcover, as well as physical and cultural features.

The ZipInfo application creates informative maps and reports, such as EPA-regulated facility, demographic and safe drinking water information for areas within any given ZIP Code in the United States.

The CountyInfo application creates informative maps and reports, such as EPA-regulated facility, demographic and safe drinking water information for areas within any given county in the United States.

Regulatory Database Contacts

World Wide Web Information and Queries

- ◆ EPA Envirofacts: <http://www.epa.gov/enviro/html/qmr.html>
- ◆ EPA Envirofacts Query Form: http://www.epa.gov/enviro/html/multisystem_query_java.html
- ◆ EPA Enviromapper: <http://www.epa.gov/enviro/html/em/>
- ◆ TCEQ IR Data Clearinghouse Web Page: http://www.tceq.state.tx.us/admin_folder/data/data.html
- ◆ TCEQ Geographic Information System (GIS): <http://www.tceq.state.tx.us/gis/>
- ◆ United States Postal Service Zip Code Look Up: <http://www.usps.gov/ncsc/>
- ◆ Yahoo! Maps: <http://maps.yahoo.com/py/maps.py>

Telephone and Internet Information

Regulatory Database Telephone and Internet Contacts

Database Name	Contact or Type of Information	Telephone Number	Internet or World Wide Web Address
Environmental Protection Agency (EPA)			
National Priorities List (NPL)	TCEQ GIS Spatial Layer		http://www.tceq.state.tx.us/gis/sites.html
	EPA=s Superfund Web Page		http://www.epa.gov/superfund/sites/index.htm
	EPA's Texas NPL Sites		http://www.epa.gov/superfund/sites/npl/tx.htm
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	EPA's Envirofacts CERCLIS Query		http://www.epa.gov/enviro/html/cerclis/cerclis_query.html
	EPA's Superfund Web Page		http://www.epa.gov/superfund/sites/index.htm
Resource Conservation Recovery Information System (RCRIS) and RCRA Administrative Action Tracking System (RAATS)	EPA's Envirofacts Query		http://www.epa.gov/enviro/html/mod/index.html
	EPA's RCRIS Query Form		http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Emergency Response	NRC Reporting Line	Tel: 800-424-8802	1st-nrcinfo@comdt.uscg.mil http://www.nrc.uscg.mil/nrchp.html

Notification System (ERNS) National Response Center (NRC)	NRC Data Query Form		http://www.nrc.uscg.mil/foia.html
Facility Information	EPA's Envirofacts Query		http://www.epa.gov/enviro/html/multisystem_query_java.html
Toxic Release Inventory System (TRIS)	EPA EPCRA Hotline and TRIS Web Page	Tel: 800-424-9346	http://www.epa.gov/tri/
	TCEQ GIS Spatial Layer		http://www.tceq.state.tx.us/gis/sites.html
	EPA's TRIS Query		http://www.epa.gov/enviro/html/tris/tris_query.html
Texas Commission on Environmental Quality (TCEQ)			
Texas Superfund List	TCEQ Superfund Program		http://www.tceq.state.tx.us/remediation/superfund/sites/index.html
	TCEQ GIS Spatial Layers		http://www.tceq.state.tx.us/gis/sites.html
Petroleum Storage Tank (PST) Registration File	TCEQ Customer Reports & Services	Tel: 512-239-3282 Fax: 512-239-0888	
	TCEQ On-Line Registration Query		http://www.tceq.state.tx.us/permitting/registration/pst/pst_query.html
	Files at central records and possibly regional offices.		
Leaking Petroleum Storage Tank (LPST) Database	TCEQ Customer Reports & Services	Tel: 512-239-3282 Fax: 512-239-0888	
	TCEQ On-Line LPST Query		http://www.tceq.state.tx.us/remediation/pst_rp/pstquery.html
	Files and lists at central records and possibly regional offices.		
Industrial Solid Waste Registration Master File (IHW and MSWLF)	TCEQ Customer Reports & Services	Tel: 512-239-3282 Fax: 512-239-0888	
	TCEQ GIS Spatial Layers		http://www.tceq.state.tx.us/gis/sites.html
	TCEQ On-Line IHW Query		http://www4.tceq.state.tx.us/crpub/
	IHW facility registration on microfiche		
	IHW and MSWLF lists and files at central records and possibly regional offices.		
Spill Response Database	TCEQ Customer Reports & Services	Tel: 512-239-3282 Fax: 512-239-0888	

Scrap Tire Program			http://www.tceq.state.tx.us/compliance/tires/
Voluntary Cleanup Program (VCP) database	TCEQ Web Page (download ASCII delimited format)	Tel: 512-239-0911	http://www.tceq.state.tx.us/remediation/vcp/vcp.html
Other State Lists or Databases			
Closed Municipal Solid Waste Landfill Inventory (Permitted and Unauthorized)	Waste Permits Division	Tel: 512-239-4900	http://www.tceq.state.tx.us/permitting/waste_permits/waste_planning/wp_closed_ll_inv.html
	Dr. Robert D. Larson, SWTSU	Tel: 512-245-3199	
	Local COG (24 cities)		http://www.txregionalcouncil.org/

Sanborn Fire Insurance Maps

Overview

Originally created for the fire insurance industry for risk assessment purposes, Sanborn Fire Insurance Maps (Sanborn Maps) contain detailed information on building features such as size, shape, construction type (and sometimes date), use and street address. In general, Sanborn Maps are available for the historic or central business districts of a city.

For a hazardous material survey, a review of existing and previous land use information is one component of an environmental site assessment. Sanborn Maps are extremely useful in identifying former or abandoned underground storage tanks and aboveground chemical storage areas.

Historians use Sanborn Maps to identify whether any buildings or structures over 50 years of age may be present in the project area prior to performing an onsite survey. Therefore, any review of Sanborn Maps should be coordinated with both hazardous material and historical research to avoid duplication of work.

Commercial Vendors

Sanborn is a private insurance company and has copyrighted its maps. A supplier of Sanborn Maps, Chadwyck-Healey, claims it is the only company with ownership rights to the microfilm reels from 1850 to 1970. Chadwyck-Healey also sells printouts of its microfilm. Price information can be found at <http://www.chadwyck.com/> or by calling 800/752-0515 or 800/521-0600.

Additionally, the same commercial vendors that provide regulatory database list searches can also either research or provide copies of Sanborn Maps for a fee.

Local Sources

Some local libraries, city or county planning offices, historical societies and colleges maintain collections of Sanborn Maps. For instance, the Barker Texas History Center at the University of Texas in Austin maintains both maps and microfilm for the State of Texas.

Environmental Affairs Division

Districts can contact the Hazardous Materials Management Section of the Environmental Affairs Division for more information on Sanborn Maps.

Fire Insurance Maps of Texas List

In the state of Texas, 426 cities in 213 counties have Sanborn Maps, totaling 17,490 sheets (25.5 by 21.5 inches). The map scale is 1:600 or 50 feet to 1 inch. Most of the maps were prepared from 1877 to 1951. Some larger cities have updated maps as recent as 1970. A list of the Fire Insurance Maps of Texas by city is provided in the following table.

Fire Insurance Maps of Texas

City	County	Earliest	Latest
Abernathy	Hale County	1925	1925
Abilene	Taylor County	1885	1954
Alba	Wood County	1925	1925
Albany	Shackelford County	1885	1944
Alice	Jim Wells County	1922	1947
Alpine	Brewster County	1927	1933
Alto	Cherokee County	1925	1934
Alvarado	Johnson County	1885	1944
Alvin	Brazoria County	1925	1942
Alvord	Wise County	1900	1934
Amarillo	Potter County	1902	1950
Andrews	Andrews County	1954	1954
Angleton	Brazoria County	1926	1943
Anson	Jones County	1908	1939
Aransas Pass	San Patricio County	1915	1938
Archer City	Archer County	1934	1934
Arlington	Tarrant County	1900	1949
Arp	Smith County	1939	1939
Asberton	Dimmit County	1951	1951
Aspermont	Stonewall County	1934	1934
Athens	Henderson County	1885	1940
Atlanta	Cass County	1885	1943
Austin	Travis County	1885	1962
Baird	Callahan County	1885	1941
Ballinger	Runnels County	1896	1938
Bandera	Bandera County	1950	1950
Barstow	Ward County	1927	1927
Bartlett	Bell and Williamson Counties	1900	1940
Bastrop	Bastrop County	1885	1944
Bay City	Matagorda County	1907	1947
Baytown	Harris County	1949	1949
Beaumont	Jefferson County	1885	1955
Beckville	Panola County	1928	1928
Beeville	Bee County	1898	1947
Bellville	Austin County	1885	1944
Belton	Bell County	1885	1949
Big Lake	Reagan County	1949	1949
Big Sandy	Upshur County	1928	1928

Big Spring	Howard County	1885	1948
Bishop	Nueces County	1922	1945
Blooming Grove	Navarro County	1900	1934
Boerne	Kendall County	1910	1937
Bonham	Fannin County	1885	1949
Borger	Hutchinson County	1928	1950
Bowie	Montague County	1885	1949
Bracketville	Kinney County	1894	1924
Brady	McCulloch County	1908	1946
Breckenridge	Stephens County	1921	1949
Bremond	Robertson County	1926	1937
Brenham	Washington County	1885	1947
Bridgeport	Wise County	1921	1944
Brownfield	Terry County	1927	1948
Brownsville	Cameron County	1885	1949
Brownwood	Brown County	1885	1960
Bryan	Brazos County	1885	1950
Burkburnett	Wichita County	1926	1948
Burnet	Burnet County	1885	1943
Caldwell	Burleson County	1885	1943
Calvert	Robertson County	1885	1942
Cameron	Milam County	1885	1947
Canadian	Hemphill County	1920	1937
Canton	Van Zandt County	1925	1941
Canyon	Randall County	1910	1938
Carrizo Springs	Dimmit County	1933	1944
Carrollton	Dallas County	1921	1935
Carthage	Panola County	1927	1939
Celina	Collin County	1920	1944
Center	Shelby County	1912	1949
Childress	Childress County	1902	1946
Chillicothe	Hardeman County	1921	1941
Cisco	Eastland County	1886	1942
Clarendon	Donley County	1921	1940
Clarksville	Red River County	1885	1942
Claude	Armstrong County	1921	1932
Cleburne	Johnson County	1885	1961
Cleveland	Liberty County	1926	1939
Clifton	Bosque County	1900	1943
Coleman	Coleman County	1888	1948
Colmesneil	Tyler County	1904	1904
Colorado	Mitchell County	1886	1948
Columbus	Colorado County	1885	1938
Comanche	Comanche County	1885	1949
Commerce	Hunt County	1896	1940
Conroe	Montgomery County	1923	1943
Cooledge	Limestone County	1925	1937
Cooper	Delta County	1909	1942

Corpus Christi	Nueces County	1885	1950
Corsicana	Navarro County	1885	1948
Cotulla	La Salle County	1933	1948
Crane	Crane County	1951	1951
Crockett	Houston County	1885	1938
Crosbyton	Crosby County	1921	1943
Cross Plains	Callahan County	1921	1939
Crowell	Foard County	1921	1941
Crystal City	Zavalla County	1931	1944
Cuero	De Witt County	1885	1950
Cumby	Hopkins County	1926	1939
Daingerfield	Morris County	1892	1926
Dalhart	Dallam and Hartley Counties	1908	1943
Dallas	Dallas County	1885	1952
Dawson	Navarro County	1921	1943
Dayton	Liberty County	1927	1943
De Leon	Comanche County	1900	1945
Decatur	Wise County	1891	1942
Del Rio	Val Verde County	1900	1948
Denison	Grayson County	1885	1949
Denton	Denton County	1885	1960
Detroit	Red River County	1899	1931
Devine	Medina County	1922	1940
Donna	Hidalgo County	1917	1949
Dublin	Erath County	1891	1943
Duffau	Erath County	1926	1926
Dumas	Moore County	1950	1950
Eagle Lake	Colorado County	1907	1943
Eagle Pass	Maverick County	1885	1948
Eastland	Eastland County	1911	1949
Eden	Concho County	1940	1940
Edgewood	Van Zandt County	1926	1926
Edinberg	Hidalgo County	1925	1949
Edna	Jackson County	1926	1949
El Campo	Wharton County	1907	1944
El Paso	El Paso County	1883	1954
Electra	Wichita County	1919	1948
Elgin	Bastrop County	1887	1944
Elkhart	Anderson County	1937	1937
Elsa	Hidalgo County	1949	1949
Ennis	Ellis County	1884	1960
Fairfield	Freestone County	1885	1934
Falfurrias	Brooks County	1930	1945
Farmersville	Collin County	1892	1956
Fayetteville	Fayette County	1917	1917
Ferris	Ellis County	1921	1941
Flatonia	Fayette County	1885	1940
Floresville	Wilson County	1902	1940

Floydada	Floyd County	1925	1942
Forney	Kaufman County	1896	1937
Fort Stockton	Pecos County	1927	1946
Fort Worth	Tarrant County	1885	1951
Franklin	Robertson County	1899	1940
Frankston	Anderson County	1925	1939
Fredericksburg	Gillespie County	1896	1938
Freeport	Brazoria County	1926	1943
Freer	Duval County	1948	1948
Frisco	Collin County	1949	1949
Frost	Navarro County	1898	1931
Gainesville	Cooke County	1885	1949
Galveston	Galveston County	1885	1950
Garland	Dallas County	1901	1947
Gatesville	Coryell County	1885	1949
Georgetown	Williamson County	1885	1940
Giddings	Lee County	1885	1931
Gilmer	Upshur County	1885	1959
Gladewater	Gregg County	1934	1938
Goldthwaite	Mills County	1894	1941
Goliad	Goliad County	1894	1944
Gonzales	Gonzales County	1885	1944
Goose Creek	Harris County	1926	1939
Gorman	Eastland County	1921	1945
Graham	Young County	1908	1942
Granbury	Hood County	1893	1945
Grand Prairie	Dallas County	1920	1943
Grand Saline	Van Zandt County	1904	1945
Grandview	Johnson County	1888	1934
Granger	Williamson County	1910	1940
Grapevine	Tarrant County	1921	1935
Greenville	Hunt County	1885	1949
Greggton	Gregg County	1955	1955
Groesbeck	Limestone County	1885	1940
Groveton	Trinity County	1907	1933
Gulf	Matagorda County	1926	1926
Hale Center	Hale County	1933	1933
Hallettsville	Lavaca County	1891	1942
Hamilton	Hamilton County	1925	1949
Hamlin	Jones County	1908	1939
Handley	Tarrant County	1930	1942
Harlingen	Cameron County	1919	1950
Haskell	Haskell County	1908	1941
Hearne	Robertson County	1885	1940
Hebbronville	Jim Hogg County	1934	1943
Hempstead	Waller County	1885	1938
Henderson	Rusk County	1885	1949
Henrietta	Clay County	1885	1944

Hereford	Deaf Smith County	1908	1939
Hico	Hamilton County	1893	1934
Hillsboro	Hill County	1885	1947
Hondo	Medina County	1909	1942
Honey Grove	Fannin County	1885	1943
Houston	Harris County	1885	1955
Hubbard	Hill County	1888	1935
Humble	Harris County	1926	1940
Huntsville	Walker County	1885	1950
Hutto	Williamson County	1921	1937
Iowa Park	Wichita County	1921	1942
Irving	Dallas County	1942	1942
Italy	Ellis County	1899	1944
Itasca	Hill County	1891	1943
Jacksboro	Jack County	1921	1942
Jacksonville	Cherokee County	1885	1949
Jasper	Jasper County	1927	1942
Jefferson	Marion County	1885	1939
Junction	Kimble County	1921	1942
Karnes City	Karnes County	1951	1951
Kaufman	Kaufman County	1885	1948
Kemp	Kaufman County	1921	1928
Kenedy	Karnes County	1922	1941
Kerens	Navarro County	1921	1940
Kermit	Winkler County	1946	1946
Kerrville	Kerr County	1898	1950
Kilgore	Gregg County	1932	1950
Killeen	Bell County	1926	1937
Kingsville	Kleberg County	1915	1962
Kosse	Limestone County	1899	1926
Kyle	Hays County	1896	1936
La Feria	Cameron County	1917	1936
La Grange	Fayette County	1885	1938
La Porte	Harris County	1939	1939
Ladonia	Fannin County	1896	1934
Lake Jackson	Brazoria County	1951	1951
Lamesa	Dawson County	1921	1948
Lampasas	Lampasas County	1885	1949
Lancaster	Dallas County	1921	1939
Laredo	Webb County	1885	1950
Leonard	Fannin County	1919	1945
Levelland	Hockley County	1933	1942
Lewisville	Denton County	1921	1934
Liberty	Liberty County	1927	1945
Lindale	Smith County	1926	1941
Littlefield	Lamb County	1932	1950
Livingston	Polk County	1927	1943
Llano	Llano County	1894	1942

Lockhart	Caldwell County	1888	1946
Lockney	Floyd County	1927	1943
Lone Oak	Hunt County	1926	1926
Longview	Gregg County	1885	1946
Lott	Falls County	1926	1937
Lubbock	Lubbock County	1916	1957
Lufkin	Angelina County	1904	1946
Luling	Caldwell County	1885	1941
Mabank	Kaufman County	1921	1934
McAllen	Hidalgo County	1919	1949
McCamey	Upton County	1946	1946
McGregor	McLennan County	1894	1942
McKinney	Collin County	1885	1960
McLean	Gray County	1933	1933
Madisonville	Madison County	1914	1941
Manor	Travis County	1900	1925
Mansfield	Tarrant County	1921	1933
Marble Falls	Burnet County	1894	1935
Marfa	Presidio County	1927	1933
Marlin	Falls County	1885	1947
Marshall	Harrison County	1885	1947
Mart	McLennan County	1909	1943
Mason	Mason County	1936	1936
Mathis	San Patricio County	1950	1950
Maxwell	Caldwell County	1924	1924
Memphis	Hall County	1908	1940
Menard	Menard County	1921	1930
Mercedes	Hildago County	1917	1949
Meridian	Bosque County	1903	1934
Merkel	Taylor County	1908	1925
Mesquite	Dallas County	1926	1937
Mexia	Limestone County	1885	1949
Miami	Roberts County	1929	1929
Midland	Midland County	1900	1950
Midlotbian	Ellis County	1898	1944
Miles	Runnels County	1908	1936
Milford	Ellis County	1894	1930
Mineola	Wood County	1885	1942
Mineral Wells	Palo Pinto County	1900	1949
Misson	Hidalgo County	1919	1949
Monahans	Ward County	1940	1940
Moody	McLennan County	1902	1949
Moulton	Lavaca County	1926	1940
Mount Calm	Hill County	1921	1937
Mount Pleasant	Titus County	1885	1944
Mount Vernon	Franklin County	1923	1944
Munday	Knox County	1925	1942
Nacogdoches	Nacogdoches County	1885	1946

Navasota	Grimes County	1885	1947
Nederland	Jefferson County	1949	1949
New Boston	Bowie County	1952	1952
New Braunfels	Comal County	1885	1949
Newcastle	Young County	1921	1933
Nixon	Gonzales County	1926	1935
Nocona	Montague County	1914	1949
Normangee	Leon County	1937	1937
Oakwood	Leon County	1939	1939
Odessa	Ector County	1927	1950
O'Donnell	Lynn and Dawson Counties	1935	1935
Olney	Young County	1921	1948
Orange	Orange County	1885	1961
Overton	Rusk County	1893	1939
Ozona	Crockett County	1941	1941
Paducah	Cottle County	1921	1940
Palacios	Matagorda County	1926	1944
Palestine	Anderson County	1885	1949
Palmer	Ellis County	1921	1936
Pampa	Gray County	1929	1929
Panhandle	Carson County	1929	1937
Paris	Lamar County	1885	1950
Pasadena	Harris County	1932	1943
Pearsall	Frio County	1900	1942
Pecos	Reeves County	1910	1939
Perryton	Ochiltree County	1932	1932
Pharr	Hidalgo County	1925	1949
Pilot Point	Denton County	1885	1940
Pittsburg	Camp County	1885	1942
Plainview	Hale County	1910	1943
Plano	Collin County	1885	1961
Pleasanton	Atascosa County	1926	1938
Port Arthur	Jefferson County	1900	1956
Port Lavaca	Calhoun County	1927	1940
Port Neches	Jefferson County	1949	1949
Post	Garza County	1921	1938
Quanah	Hardeman County	1892	1938
Queen City	Cass County	1885	1923
Quitaque	Briscoe County	1936	1936
Ralls	Crosby County	1926	1934
Ranger	Eastland County	1920	1943
Raymondville	Willacy County	1930	1948
Refugio	Refugio County	1935	1942
Rice	Navarro County	1921	1935
Richmond	Fort Bend County	1885	1942
Rio Grande City	Starr County	1894	1940
Rising Star	Eastland County	1921	1933
Robstown	Nueces County	1922	1947

Roby	Fisher County	1922	1935
Rock Island	Colorado County	1912	1912
Rockdale	Milam County	1885	1943
Rockport	Aransas County	1894	1943
Rocksprings	Edwards County	1948	1948
Rockwell	Rockwell County	1900	1945
Rogers	Bell County	1921	1944
Roma	Starr County	1894	1925
Roscoe	Nolan County	1921	1927
Rosebud	Falls County	1903	1936
Rosenberg	Fort Bend County	1926	1942
Rotan	Fisher County	1911	1940
Round Rock	Williamson County	1885	1937
Royse City	Rockwell County	1901	1938
Rule	Haskell County	1911	1943
Runge	Karnes County	1902	1944
Rusk	Cherokee County	1926	1949
Sabinal	Uvalde County	1924	1942
Sant Jo	Montague County	1902	1931
Sam Fordyce	Hidalgo County	1925	1925
San Angelo	Tom Green County	1885	1949
San Antonio	Bexar County	1885	1952
San Augustine	San Augustine County	1927	1937
San Benito	Cameron County	1917	1949
San Diego	Duval and Jim Wells Counties	1885	1932
San Juan	Hidalgo County	1925	1938
San Marcos	Hays County	1885	1944
San Saba	San Saba County	1885	1949
Sanderson	Terrell County	1927	1941
Sanger	Denton County	1935	1935
Santa Anna	Coleman County	1921	1942
Schulenburg	Fayette County	1889	1943
Seagraves	Gaines County	1940	1940
Sealy	Austin County	1925	1938
Seguin	Guadalupe County	1885	1945
Seminole	Gaines County	1941	1941
Seymour	Baylor County	1892	1948
Shamrock	Wheeler County	1926	1939
Sherman	Grayson County	1885	1949
Shiner	Lavaca County	1900	1940
Silsbee	Hardin County	1937	1942
Sinton	San Patricio County	1922	1948
Slaton	Lubbock County	1922	1948
Smithville	Bastrop County	1900	1942
Snyder	Scurry County	1911	1942
Somerville	Burleson County	1910	1944
Sonora	Sutton County	1937	1937
Spur	Dickens County	1927	1927

Stamford	Jones County	1908	1943
Stanton	Martin County	1935	1935
Stephenville	Erath County	1885	1949
Sterling City	Sterling County	1927	1927
Straun	Palo Pinto County	1920	1944
Sugerland	Fort Bend County	1913	1940
Sulphur Springs	Hopkins County	1885	1947
Sweetwater	Nolan County	1885	1947
Taft	San Patricio County	1933	1942
Tahoka	Lynn County	1925	1941
Taylor	Williamson County	1885	1947
Teague	Freestone County	1908	1941
Temple	Bell County	1885	1949
Terrell	Kaufman County	1885	1949
Texarkana	Bowie County	1885	1953
Texas City	Galveston County	1912	1950
Texhoma	Sherman and Texas Counties	1922	1930
Thorndale	Milam County	1925	1937
Thornton	Limestone County	1926	1926
Thurber	Erath County	1905	1911
Timpson	Shelby County	1927	1941
Tioga	Grayson County	1914	1922
Toyah	Reeves County	1927	1927
Trinity	Trinity County	1909	1943
Troup	Smith County	1899	1943
Tulia	Swisher County	1921	1936
Tyler	Smith County	1885	1950
Uvalde	Uvalde County	1885	1950
Valley Mills	Bosque County	1909	1932
Van Alstyne	Grayson County	1896	1944
Van Horn	Culberson County	1950	1950
Velasco	Brazoria County	1926	1926
Venus	Johnson County	1925	1939
Vernon	Wilbarger County	1891	1948
Vickery	Dallas County	1922	1922
Victoria	Victoria County	1885	1949
Waco	McLennan County	1885	1952
Waelder	Gonzales County	1922	1943
Walnut Springs	Bosque County	1926	1926
Waxahachie	Ellis County	1885	1959
Weatherford	Parker County	1885	1943
Weimar	Colorado County	1896	1933
Wellington	Collingsworth County	1926	1941
Weslaco	Hidalgo County	1925	1949
West	McLennan County	1900	1941
West Columbia	Brazoria County	1926	1936
Wharton	Wharton County	1894	1942
Whitesboro	Grayson County	1885	1943

Whitewright	Grayson County	1891	1939
Whitney	Hill County	1900	1931
Wichita Falls	Wichita County	1885	1954
Willis	Montgomery County	1912	1926
Wills Point	Van Zandt County	1885	1939
Winnsboro	Wood County	1899	1943
Winters	Runnels County	1917	1939
Wolfe City	Hunt County	1896	1934
Woodville	Tyler County	1904	1938
Wortham	Freestone County	1926	1935
Wylie	Collin County	1901	1934
Yoakum	De Witt and Lavaca Counties	1894	1944
Yorktown	De Witt County	1925	1941
Ysleta	El Paso County	1927	1936