

# TCEQ Superfund Sites

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### *Identification Information:*

#### *Citation:*

##### *Citation Information:*

*Originator:* TCEQ

*Publication Date:* 20071018

*Title:* TCEQ Superfund Sites

*Geospatial Data Presentation Form:* vector digital data

*Online Linkage:*  [<http://www.tceq.state.tx.us/gis/sites.html>](http://www.tceq.state.tx.us/gis/sites.html)

#### *Description:*

##### *Abstract:*

This layer contains all sites in the State of Texas that have been designated as Superfund cleanup sites; it includes both Federal and State sites. Federal Superfund sites have a Hazardous Ranking System (HRS) score of 28.5 or above, and are placed on the U.S. Environmental Protection Agency (US-EPA) National Priorities List (NPL). NPL sites are eligible for cleanup at Federal expense if the responsible parties cannot be identified or no longer exist. Remediation at State Superfund sites must be provided in the following sequence: first, by responsible party funding; second, with the aid of Federal funds; and third, if necessary, with State funds from the Hazardous and Solid Waste Remediation Fee Fund. Sites that were once designated as Superfund sites but have since been removed from the active list are still included in the coverage, but have been given a Status of "deleted".

##### *Purpose:*

The TCEQ Superfund Sites layer is used to identify the geographic location of Federal and State Superfund sites within the State of Texas. This data layer can be used for a variety of purposes, including: the plotting of Superfund sites on maps; utilization by field personnel; and performing spatial analysis on how the sites

affect their surroundings.

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* October 18, 2007

*Time\_of\_Day:* unknown

*Currentness\_Reference:* ground condition

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* Quarterly

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -106.466419

*East\_Bounding\_Coordinate:* -93.740232

*North\_Bounding\_Coordinate:* 36.400405

*South\_Bounding\_Coordinate:* 26.112481

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* Remediation

*Theme\_Keyword:* Superfund

*Place:*

*Place\_Keyword:* Texas

*Stratum:*

*Stratum\_Keyword:* Waste

*Temporal:*

*Access\_Constraints:* None.

*Use\_Constraints:*

Acknowledgment of the Texas Commission on Environmental Quality in products derived from this dataset would be appreciated.

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Timothy G. Dobbs, P.G.

*Contact\_Organization:* Texas Commission on Environmental Quality

*Contact\_Position:* GIS Coordinator, Remediation Division

*Contact\_Voice\_Telephone:* 512-239-2499

*Contact\_Facsimile\_Telephone:* 512-239-2469

*Contact\_Electronic\_Mail\_Address:* tdobbs@tceq.state.tx.us

*Hours\_of\_Service:*

8:00 AM to 5:00 PM Monday through Friday, excluding Texas and Federal holidays

*Contact\_Instructions:* Leave Voice Mail or E-mail message.

*Browse\_Graphic:*

*Browse\_Graphic\_File\_Type:* GIF

*Security\_Information:*

*Security\_Classification\_System:* None

*Security\_Classification:* Unclassified

*Security\_Handling\_Description:* None

*Native\_Data\_Set\_Environment:*

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog  
9.2.4.1420

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*Data\_Quality\_Information:*

*Attribute\_Accuracy:*

*Attribute\_Accuracy\_Report:*

QA/QC testing has been performed by staff at TCEQ. No significant attribute errors have been found.

*Logical\_Consistency\_Report:* None

*Completeness\_Report:* This dataset is 100% complete at time of posting.

*Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy\_Report:*

All coordinates were acquired using Color IR aerial imagery or Global Positioning System (GPS) equipment.

*Quantitative\_Horizontal\_Positional\_Accuracy\_Assessment:*

*Horizontal\_Positional\_Accuracy\_Value:* 10

*Horizontal\_Positional\_Accuracy\_Explanation:* Coordinate acquired using one-meter Color IR aerial imagery.

*Lineage:*

*Source\_Information:*

*Source\_Citation:*

*Citation\_Information:*

*Originator:* USGS

*Publication\_Date:* 2004

*Publication\_Time:* Unknown

*Title:* DDNAIP2004

*Edition:* USGS Digital Orthophoto Quarter Quads

*Geospatial\_Data\_Presentation\_Form:* raster digital data

*Source\_Scale\_Denominator:* 12,000

*Type\_of\_Source\_Media:* SID-compressed image file

*Source\_Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* 2004

*Source\_Currentness\_Reference:* publication date

*Process\_Step:*

*Process\_Description:*

The original Superfund sites coverage that was created in September 1994. Later converted sfund.dt from a "|" delimited file to a database file (dbf). Using the NADCON utility (web-based application maintained by NGS), the coordinates for all points derived from USGS Topo maps from transformed from NAD27 to NAD83. For the points derived from GPS or DOQQs, the original coordinates were preserved. A new field called "datum" was added to differentiate between the points collected from NAD27 sources and the points collected from NAD83 sources. For five, more recent, sites for which the location method was unknown, a datum of NAD83 was assumed.

A point layer was created using the "Add Event Theme" function of ArcView. This was converted to a shape file, then projected from geographic (NAD83) to TSMS using the TCEQ Tools extension. Finally, the "Shapearc" command was issued in ArcInfo, the new coverage was built (using BUILD POINT), and the projection information was assigned using PROJECTDEFINE

*Process\_Date:* 19991222

*Process\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Mike Meed

*Contact\_Organization:* TCEQ

*Contact\_Voice\_Telephone:* 512-239-3509

*Contact\_Facsimile\_Telephone:* 512-239-0888

*Contact\_Electronic\_Mail\_Address:* mmeed@tceq.state.tx.us

*Process\_Step:*

*Process\_Description:*

Beginning in June of 2005, the Superfund Sites layer was maintained using ArcGIS 9x. New coordinates and associated attribute information were received from the Remediation Team and entered into the database file (dbf) of the previous version of the superfund layer. The Add XY function of ArcGIS was used to create the new point theme and then exported as a shapefile. Also beginning on this date, the superfund layer was no longer projected to TSMS. It will remain Geographic DD83 from this point on. During this phase, the US\_Congress, TX\_House, and TX\_Senate district numbers were updated using the spatial join feature of ArcGIS Desktop. Also, new metadata (xml & html) was created using ArcCatalog. This replaced the older html version which had been maintained in Wordpad.

*Process\_Date:* 20050601

*Process\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Greg Smithhart

*Contact\_Organization:* TCEQ

*Contact\_Position:* GIS Data Manager

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* PO Box 13087, MC-197

*City:* Austin

*State\_or\_Province:* TX

*Postal\_Code:* 78711-3087

*Country:* USA

*Contact\_Voice\_Telephone:* 512-239-0859

*Contact\_Facsimile\_Telephone:* 512-239-0888

*Contact\_Electronic\_Mail\_Address:* gsmithha@tceq.state.tx.us

*Hours\_of\_Service:* M-F, 8-5

*Cloud\_Cover:* None

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*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* Entity point

*Point\_and\_Vector\_Object\_Count:* 148

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Geographic:*

*Latitude\_Resolution:* 0.000000

*Longitude\_Resolution:* 0.000000

*Geographic\_Coordinate\_Units:* Decimal degrees

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* North American Datum of 1983

*Ellipsoid\_Name:* Geodetic Reference System 80

*Semi-major\_Axis:* 6378137.000000

*Denominator\_of\_Flattening\_Ratio:* 298.257222

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* Superfund\_Point

*Entity\_Type\_Definition:* ArcView database file

*Entity\_Type\_Definition\_Source:* Environmental Systems Research Institute, Inc.

*Attribute:*

*Attribute\_Label:* FID

*Attribute\_Definition:* Internal feature number.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* COUNTY

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* GIN

*Attribute:*

*Attribute\_Label:* FID\_1

*Attribute:*

*Attribute\_Label:* SITE\_ID

*Attribute:*

*Attribute\_Label:* SITE\_NUM

*Attribute:*

*Attribute\_Label:* NAME

*Attribute:*

*Attribute\_Label:* CITY

*Attribute:*

*Attribute\_Label:* HRS

*Attribute:*

*Attribute\_Label:* STATUS

*Attribute:*

*Attribute\_Label:* ST\_FED

*Attribute:*

*Attribute\_Label:* REGION

*Attribute:*

*Attribute\_Label:* BASIN  
*Attribute:*  
*Attribute\_Label:* OBJECTID  
*Attribute:*  
*Attribute\_Label:* LAT  
*Attribute:*  
*Attribute\_Label:* REPLAT  
*Attribute:*  
*Attribute\_Label:* REPLON  
*Attribute:*  
*Attribute\_Label:* DATUM  
*Attribute:*  
*Attribute\_Label:* LOCMETH  
*Attribute:*  
*Attribute\_Label:* LOCACC  
*Attribute:*  
*Attribute\_Label:* LOCDESC  
*Attribute:*  
*Attribute\_Label:* COLLORG  
*Attribute:*  
*Attribute\_Label:* COLLNAME  
*Attribute:*  
*Attribute\_Label:* EPA\_TXID  
*Attribute:*  
*Attribute\_Label:* US\_HOUSE  
*Attribute:*  
*Attribute\_Label:* TEX\_HOUSE  
*Attribute:*  
*Attribute\_Label:* TEX\_SENATE  
*Attribute:*  
*Attribute\_Label:* LONG\_  
*Attribute:*  
*Attribute\_Label:* HORZ\_DATE

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*Distribution\_Information:*

*Resource\_Description:* Downloadable Data

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 0.004

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20080206

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* TCEQ

*Contact\_Person:* Greg Smithhart

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* TCEQ

*Address:* P.O. Box 13087

*City:* Austin

*State\_or\_Province:* Texas

*Postal\_Code:* 78711-3087

*Country:* USA

*Contact\_Voice\_Telephone:* 512-239-0859

*Contact\_Facsimile\_Telephone:* 512-239-0888

*Contact\_Electronic\_Mail\_Address:* gsmithha@tceq.state.tx.us

*Hours\_of\_Service:*

8:00 AM to 5:00 PM Monday through Friday, excluding Texas and Federal holidays.

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile