

TCEQ Superfund Sites

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Identification Information:

Citation:

Citation Information:

Originator: TCEQ

Publication Date: 20151014

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 14, 2015

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

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

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

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

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

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.004

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