

Underground Storage Tanks

Shapefile



Tags

environment, storage tank, groundwater, underground storage tank, UST, New Hampshire, NH

Summary

Coverage was created for source water protection, inspection prioritization, and remediation investigation purposes for New Hampshire Department of Environmental Services (NHDES). The purpose of the UST program is to prevent and minimize contamination of the land and waters of the state due to the storage and handling of heating oils, hazardous substances, lubricating oils, motor fuels, other petroleum and petroleum contaminated liquids.

Description

This dataset is a point database representing locations of underground storage tank facilities regulated by NHDES.

Credits

NHDES

Use limitations

User is required to read metadata completely before using the data. The information provided in this coverage is a subset of spatial databases developed by the New Hampshire Department of Environmental Services (NHDES). Development of these databases is an ongoing project. They may not contain all existing and potential sites, stations, or threats. The NHDES is not responsible for the use or interpretation of this information, or for any inaccuracies in the site names, tax map and lot information, or locations. All information is subject to verification. These data are to be used for planning purposes only. Distribution is discouraged.

Extent

West -72.584317 **East** -70.677487
North 45.089212 **South** 42.695822

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE environment

* CONTENT TYPE Downloadable Data
 EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS New Hampshire, NH

THEME KEYWORDS environment, storage tank, groundwater

THESAURUS ▶

TITLE ISO 19115 Topic Category

[Hide Thesaurus ▲](#)

THEME KEYWORDS underground storage tank, UST

[Hide Topics and Keywords ▲](#)**Citation** ▶

TITLE Underground Storage Tanks

ALTERNATE TITLES UST

PUBLICATION DATE 2006-09-28 00:00:00

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)**Resource Details** ▶

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.2.0.3348

CREDITS

NHDES

ARCGIS ITEM PROPERTIES

* NAME Underground_Storage_Tank_Sites

* SIZE 0.209

* LOCATION file://

\\granite\apps\des\GIS\Core_GIS_Datasets\Facilities_and_Structures\Underground_Storage_Tank_Sites.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)**Extents** ▶

EXTENT

DESCRIPTION

Ground conditions. The dataset is continuously updated as new tanks are registered with NHDES.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

WEST LONGITUDE -72.584317

EAST LONGITUDE -70.677487

NORTH LATITUDE 45.089212

SOUTH LATITUDE 42.695822

EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 1990-01-01 00:00:00

ENDING DATE 2014-02-01 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 747230.424523

* EAST LONGITUDE 1239747.500510

* SOUTH LATITUDE 72779.368135

* NORTH LATITUDE 943807.744841

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME New Hampshire Department of Environmental Services
 INDIVIDUAL'S NAME Matthew Jones
 CONTACT'S POSITION Oil Compliance and Enforcement Subsection Chief
 CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE (603) 271- 2986
 FAX 603-271-2181

ADDRESS

TYPE

DELIVERY POINT 29 Hazen Drive, PO Box 95
 CITY Concord
 ADMINISTRATIVE AREA NH
 POSTAL CODE 03301
 COUNTRY US
 E-MAIL ADDRESS matthew.jones@des.nh.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

User is required to read metadata completely before using the data. The information provided in this coverage is a subset of spatial databases developed by the New Hampshire Department of Environmental Services (NHDES). Development of these databases is an ongoing project. They may not contain all existing and potential sites, stations, or threats. The NHDES is not responsible for the use or interpretation of this information, or for any inaccuracies in the site names, tax map and lot information, or locations. All information is subject to verification. These data are to be used for planning purposes only. Distribution is discouraged.

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS restricted
 USE CONSTRAINTS restricted

OTHER CONSTRAINTS

NHDES is not responsible for the use or interpretation of this information. Not intended for legal purposes.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected
 * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
 * PROJECTION NAD_1983_StatePlane_New_Hampshire_FIPS_2800_Feet

*** COORDINATE REFERENCE DETAILS**

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102710
 X ORIGIN -17463700
 Y ORIGIN -48257000
 XY SCALE 137246076.82899535
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.0032808333333333331
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 3437
 WELL-KNOWN TEXT PROJCS["NAD_1983_StatePlane_New_Hampshire_FIPS_2800_Feet",GEOGCS
 ["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
 ["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
 ["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER
 ["False_Easting",984250.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-
 71.66666666666667],PARAMETER["Scale_Factor",0.9999666666666667],PARAMETER
 ["Latitude_Of_Origin",42.5],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",3437]]

REFERENCE SYSTEM IDENTIFIER

VALUE 3437
 CODESPACE EPSG
 VERSION 7.4.1

[Hide Spatial Reference ▲](#)**Spatial Data Properties ►**

VECTOR ►

*** LEVEL OF TOPOLOGY FOR THIS DATASET** geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME Underground_Storage_Tank_Sites
*** OBJECT TYPE** point
*** OBJECT COUNT** 7831

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME Underground_Storage_Tank_Sites
*** FEATURE TYPE** Simple
*** GEOMETRY TYPE** Point
*** HAS TOPOLOGY** FALSE
*** FEATURE COUNT** 7831
*** SPATIAL INDEX** FALSE
*** LINEAR REFERENCING** FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)**Data Quality ►**

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►

MEASURE DESCRIPTION

Periodically locations are checked for accuracy by comparing database town location versus coverage location. Checks are also made against other coverages of similar nature (such as other facility type coverages) which have facility overlap.

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ▶

MEASURE DESCRIPTION

Newer facilities are likely not shown in the dataset since they may not be located yet by GIS field staff. There may not be a location for each individual tank on the site if the tanks were close together (< 50'). In that case, only one point was generated. A facility may not be included in the coverage if it deactivated all its tanks before it could be located. Additional tanks added to a facility after its original tanks were located may not have been located and therefore would not be shown in the coverage.

NHDES registration of USTs are only required of underground storage tank systems that store motor fuels or a regulated substance other than heating oil having a total storage capacity of more than 110 gallons, and non-residential tank systems having an on-premise use heating oil storage capacity of more than 1,100 gallons.

[Hide Data quality report - Completeness omission ▲](#)

[Hide Data Quality ▲](#)

Lineage ▶

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2005-06-24 00:00:00

DESCRIPTION

In the past, before GPS was common, locations were developed by locating tank locations on topographic maps, transferring the locations to mylar, and then digitizing them. Others were copied from other coverages which held the same facilities. The method now used predominantly is to locate the tanks using global positions system (GPS) technology and differentially correcting the data.

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME New Hampshire Department of Environmental Services

CONTACT INFORMATION ▶

PHONE

VOICE (603) 271-3503

ADDRESS

TYPE

DELIVERY POINT 29 Hazen Drive, PO Box 95

CITY Concord

ADMINISTRATIVE AREA NH

POSTAL CODE 03302

COUNTRY US

[Hide Contact information ▲](#)

ORDERING PROCESS

TERMS AND FEES No fee for standard export

INSTRUCTIONS

Most coverages are available through ftp site (see Online Linkage). To address homeland security concerns, access to some of these datasets is available only to users who present a valid personal identification number (PIN) and password. These datasets have an access constraint set to Upon NHDES Approval. Users can apply for a PIN and password using the OneStop Data Retrieval

Registration Form (<https://www2.des.state.nh.us/onestopdataproviders/registrationform.aspx?Id=NEW>). Applicants should be very specific when providing information on the registration form to enable NHDES personnel to determine their eligibility. For more information on what criteria is necessary to receive a PIN/password please visit <http://des.nh.gov/organization/commissioner/pip/factsheets/co/documents/co-14.pdf>. Once the applicant has been provided a PIN/Password, the applicant shall be the sole responsible party for the information they receive using the PIN/Password that has been issued to said party. The applicant shall be responsible for the accuracy of the information submitted in a request for a PIN and Password that will allow said applicant to access certain information held by the Department of Environmental Services. The applicant shall understand by submitting a registration form, said applicant shall be responsible for the PIN and Password they receive and for any and all information collected using the PIN and Password, and that NO LIABILITY IS INCURRED BY THE STATE by reason of providing the requested access.

Hide Distributor ▲

DISTRIBUTION FORMAT

NAME Shapefile

TRANSFER OPTIONS

TRANSFER SIZE 0.127

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [Underground_Storage_Tank_Sites](#) ►

* TYPE Feature Class

* ROW COUNT 7831

FIELD FID ►

* ALIAS FID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

FIELD Shape ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 0

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD MASTERID ►

- * ALIAS MASTERID
- * DATA TYPE Double
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

FIELD DESCRIPTION

A number field showing the NH Department of Environmental Services master (universal) ID for the facility.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Unique identifier set by NHDES.

[Hide Field MASTERID ▲](#)

FIELD SITE_NO ►

- * ALIAS SITE_NO
- * DATA TYPE Double
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

[Hide Field SITE_NO ▲](#)

FIELD FACILITY_N ►

- * ALIAS FACILITY_N
- * DATA TYPE String
- * WIDTH 7
- * PRECISION 0
- * SCALE 0

[Hide Field FACILITY_N ▲](#)

FIELD FACILITY ►

- * ALIAS FACILITY
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Text field representing the facility (site) name.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

The name as registered with NHDES.

[Hide Field FACILITY ▲](#)

FIELD ADDRESS ►

- * ALIAS ADDRESS
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

A text field holding the address of the facility.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

The address as registered with NHDES.

Hide Field ADDRESS ▲

FIELD TOWN ►

* ALIAS TOWN

* DATA TYPE String

* WIDTH 40

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

A text field displaying the town where the facility is located.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Town the facility is in as registered with NHDES.

Hide Field TOWN ▲

FIELD FACILITY_T ►

* ALIAS FACILITY_T

* DATA TYPE String

* WIDTH 30

* PRECISION 0

* SCALE 0

Hide Field FACILITY_T ▲

FIELD GIS_TYPE ►

* ALIAS GIS_TYPE

* DATA TYPE String

* WIDTH 15

* PRECISION 0

* SCALE 0

Hide Field GIS_TYPE ▲

FIELD TANK_NO ►

* ALIAS TANK_NO

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

Hide Field TANK_NO ▲

FIELD COLL_METHO ►

* ALIAS COLL_METHO

* DATA TYPE String

* WIDTH 20

* PRECISION 0
* SCALE 0

[Hide Field COLL_METHO ▲](#)

FIELD LONGITUDE ►

* ALIAS LONGITUDE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

[Hide Field LONGITUDE ▲](#)

FIELD LATITUDE ►

* ALIAS LATITUDE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

[Hide Field LATITUDE ▲](#)

[Hide Details for object Underground_Storage_Tank_Sites ▲](#)

OVERVIEW DESCRIPTION ►

ENTITY AND ATTRIBUTE OVERVIEW

Underground storage tank locations. Data primarily contains facility ID, name and address, number of active tanks at the facility and tax map/lot information.

[Hide Overview Description ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME dataset

LAST UPDATE 2014-02-11

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-18 15:34:14

AUTOMATIC UPDATES

LAST UPDATE 2016-02-18 15:34:14

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Christopher Dunbar
ORGANIZATION'S NAME New Hampshire Department of Environmental Services
CONTACT'S POSITION Business System Analysis

CONTACT INFORMATION ►

PHONE

VOICE 603-271-8740

ADDRESS

TYPE

DELIVERY POINT 29 Hazen Drive, PO Box 95

CITY Concord

ADMINISTRATIVE AREA NH

POSTAL CODE 03302

COUNTRY US

E-MAIL ADDRESS christopher.dunbar@oit.nh.gov

Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY annually

Hide Metadata Maintenance ▲

FGDC Metadata (read-only) ▼