FACT SHEET

Geospatial Data – Registered Petroleum Facilities Data

Overview

This DEQ data layer consists of Aboveground Storage Tank (AST) /Underground Storage Tanks (UST) facilities registered with DEQ by tank owners/operators. The DEQ Petroleum Storage Tank Program provides various customer services to the Virginia community and other interested parties that includes graphical information and other pertinent information for petroleum registered facilities.

Dataset Description and Purpose

DEQ's Petroleum Tank Program develops regulations and coordinates the statewide effort to maintain compliance with the AST/UST registration requirements. Tank owners/operators are required to register regulated AST/UST tanks to DEQ. The information is entered into the DEQ's environmental CEDS database as Petroleum Registered Tank Facilities. The DEQ staff conducts AST/UST compliance inspections of regulated tanks in a cooperative effort with the regulated community to protect human health and the environment.

The Petroleum Registered Facilities data layer is governed and managed by the Petroleum Tank program. GIS coordinates are determined by 911 addresses or other location information that is confirmed by DEQ staff as facility registration documents are reviewed. Pertinent information such as facility name/ID, address fields, facility type, status, and other information about the registered tanks.

The map, Petroleum Registered Facilities, can be used to determine where DEQ regulated petroleum facilities are registered in Virginia. It is not a complete map because physical location information may be difficult to determine for some of the registered facilities due to the age of closed facilities.

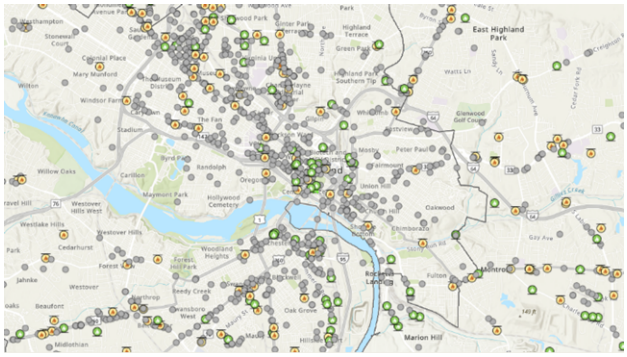
The data layer is updated daily by DEQ staff and it contains pertinent information related to the petroleum registered facilities and tanks.

Resource Constraints / Use Limitations

There are no constraints or limitations on the use of this dataset. Please be aware of the below Data Disclaimer and the Data Quality sections.

Data Disclaimer

This geographic information system (GIS) data is made available as a public service. This dataset is to be used for reference purposes only and Virginia Department of Environmental Quality, is not responsible for any inaccuracies herein contained. No responsibility is assumed for damages or other liabilities due to the accuracy, availability, use or misuse of the information herein provided. GIS information is in the public domain and may be copied without permission; citation of the source is suggested.



Data Contact:

Organization: Virginia Department of Environmental Quality

Name: Amy Harshman

Phone: 804-774-8978

Address: 1111 East Main Street, Suite 1400, Richmond, VA 23219

Email: Amy.Harshman@deq.virginia.gov

Dataset Credits:

Office of Spill, Response, and Remediation

Virginia Department of Environmental Quality

Additional Map Credits: VGIN, ESRI, etc.

The information contained within this geospatial dataset is for reference purposes only and is not to be construed or used as a "legal description" or for legal purposes. This information is believed to be accurate, but accuracy is not guaranteed. Information drawn from this dataset must be used in consultation with appropriate federal, state, or local resource management officials. Any errors or omissions should be reported to Virginia Department of Environmental Quality via email, or via the contact listed within this Fact Sheet.

Data Quality

Data is reviewed and updated when tank owners submit a Registration Form or DEQ staff conduct a facility inspection. The accuracy depends solely on the data submitted by the tank owner/operator or observation and documentation obtained by DEQ staff during inspections. DEQ strives to have the most accurate data possible and when inconsistencies appear, we attempt to contact the responsible party and update our data. If any data is found to be incorrect in this GIS layer, please contact the DEQ staff listed on this Fact Sheet and we will investigate.

Spatial Reference Information

EPSG 3857: WGS 84 / Web Mercator – Spherical Mercator: https://epsg.io/3857

Data Dictionary / Field Information

Registered Tank Facilities (points)		
Field Name	**Type**	**Field Summary**
Shape	Geometry	
TANK_FAC_ID CEDS_FAC_ID	Text	Unique facility identification number
CEDSFacilityID	Text	Unique CEDS facility identification number
TANK_FAC_NAME	Text	Registered facility name or actual facility name found at the time of inspection
FACILITY_TYPE	Text	Type of facility (gas station, federal, commercial, etc)
REGISTERED_ADDRESS1	Text	Physical 911 address of facility or reported address
REGISTERED_ADDRESS2	Text	Facility address - second line
REGISTERED_CITY	Text	City of facility location
REGISTERED_STATE	Text	State of facility location
REGISTERED_ZIP_CODE	Text	5 digit zip code of facility
FACILITY_PHONE	Text	Phone number of the facility
DEQ_REGION	Text	DEQ region where the facility is located
FEDERALLY_REGULATED	Text	Indicates if the tank is also federally regulated
FACILITY_ACTIVE	Text	Indicates if the facility contains in use tanks or temporarily out of use USTs
AST_CAPACITY	Number	The volume of the aboveground storage tank
RBIS_INSPECTION_YEAR	Number	Predicted DEQ inspection year
RBIS_RISK_RANK	Text	Facility risk rank
NUMBER_ACTIVE_UST	Number	Calculated value of active USTs located at the facility (includes temporarily out of use tank)
NUMBER_INACTIVE_UST	Number	Calculated value of closed USTs
NUMBER_ACTIVE_AST	Number	Calculated value of active ASTs located at the facility
NUMBER_INACTIVE_AST	Number	Calculated value of closed ASTs
LATITUDE	Float	The latitude of the facility based upon geocoding
LONGITUDE	Float	The longitude of the facility based upon geocoding

Registered Tank Details (related table)		
Field Name	**Type**	**Field Summary**
TANK_NUMBER	Number	DEQ assigned tank number (not a unique identification number)
FEDERALLY_REGULATED_TANK	Text	Y/N if tank is federally regulated
TANK_STATUS	Text	The operational state of the tank
TANK_INSTALLATION_DATE	Date	The date the tank initially contained a regulated substance
TANK_CAPACITY	Integer	The volume of the tank
TANK_CONTENTS	Text	The stored substance
OTHER_TANK_CONTENTS	Text	Description of the stored substance
DATE_CLOSED	Date	The date the tank was permanently closed
LAST_USED_DATE	Date	Date the tank was last in use
TANK_TYPE	Text	Indicates whether the tank is underground or aboveground
TANK_ID	Text	Unique tank identification number
TANK_FACILITY_ID	Text	Associated CEDS Facility ID
ACTIVE_TANK	Text	Indicates whether the tank is in use
TANK_OWNER_ID	Text	Unique owner identification number
OWNER_NAME	Text	Registered tank owner or owner reported at time of inspection
OWNER_ADDRESS_1	Text	Tank owner's mailing address
OWNER_ADDRESS_2	Text	Tank owner's mailing address – line 2
OWNER_CITY, OWNER_STATE , OWNER_ZIP_CODE,	Text	Tank owner's mailing city, state, and zip code
OWNER_PHONE	Text	Tank owner's phone number
UST_PIPING_TYPE	Text	The piping system used to transfer fuel from a UST to a dispenser
UST_SPILL_DEVICE_INSTALLED	Text	Indicates if a spill prevention device is installed on a UST
UST_OVERFILL_TYPE	Text	Indicates the type of overfill prevention device installed on a UST
UST_OVERFILL_DEVICE_INSTALLED	Text	Indicates if an overfill prevention device is installed on a UST
PIPE_DETAILS	Text	Piping material of construction
TANK_DETAILS	Text	Tank material of construction
TANK_RELEASE_DETECT	Text	The method used to monitor the tank for leaks
PIPE_RELEASE_DETECT	Text	The method used to monitor the piping for leaks
OTHER_DETAILS	Text	The containment, foundation, and piping placement details for ASTs