Metadata:

Identification_Information:

Citation:

Citation_Information:

Originator: U.S. Dept. of Transportation - Pipeline and Hazardous Materials Safety Administration

Publication_Date: 20260716

Title: National Pipeline Mapping System - Breakout Tanks

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract: The National Pipeline Mapping System (NPMS) includes a geographic information system (GIS) dataset containing the location and selected attributes of gas transmission and hazardous liquid pipelines, liquefied natural gas (LNG) plants and breakout tanks (BOT) under jurisdiction of the Pipeline and Hazardous Materials Safety Administration (PHMSA). Effective October 1, 2015 pipeline and LNG plant data is collected annually from pipeline operators as required by 49 CFR §§ 191.29 and 195.61. Effective March 31, 2023 BOT data is collected annually from operators as required by 49 CFR §§ 195.61. This metadata is for the breakout tanks dataset. The NPMS breakout tanks dataset contains spatial data for breakout tanks subject to regulations from the Pipeline and Hazardous Materials Safety Administration (PHMSA).

Distribution of NPMS data in GIS format is handled for PHMSA by the National Repository and is limited to pipeline or facilities operators and local, state, tribal, and federal government officials and is subject to data access limitations and agreements. Fulfillments of data requests will include data only for the area of jurisdiction of the person requesting the data (data requests are fulfilled per county/counties, state, or the entire U.S.). Instructions for requesting NPMS data in a GIS format are outlined on the NPMS website at www.npms.phmsa.dot.gov.

Purpose: The National Pipeline Mapping System (NPMS) datasets are used to support the assessment of risk associated with the nation's hazardous liquid and gas pipeline infrastructure.

Supplemental_Information: Distribution Liability: Due to security issues, NPMS data can only be released to pipeline operators and certified local, state, tribal, and federal government officials. Use at your own risk. NPMS data have been compiled by the United States Department of Transportation, Pipeline and Hazardous Materials Safety Administration as part of the NPMS. The data is compiled from annual contributions made by the pipeline operators and is processed by private contractors. Neither the United States Government nor any party involved in the creation and compilation of NPMS data guarantees the accuracy or completeness of the product. NPMS data should be considered no more accurate than ±500 feet and must never be used as a substitute for contacting the appropriate local "one-call" center prior to digging.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20041203

Ending_Date: 20260716

Currentness_Reference:

The NPMS breakout tank dataset represents breakout tank data submitted to PHMSA by regulated operators in order to stay in compliance with 49 CFR §§ 195.61. Operators may choose to make an updated data submission every year to account for changes in operational status (date received recorded in SUB_DATE attribute field), or to review their previous NPMS submission and confirm that it still accurately represents operations as of the previous year (date confirmed recorded in REVIS_DATE attribute field). Data submissions acceptable for use in the NPMS are due each year on March 15 for gas transmission pipelines and LNG plants, and June 15 for hazardous liquid pipelines and breakout tanks. To align with operator submitted Annual Reports to PHMSA, NPMS submissions always represent operations as of December 31 of the year prior to the dataset's last update.

Operator submission data undergoes significant quality checks and processing prior to incorporation into the NPMS database and these activities are performed continually throughout the year, which means any version of the NPMS breakout tank dataset will contain data submissions representing operations during more than one year. PHMSA publishes an updated NPMS breakout tank dataset with all recently-processed and incorporated annual data submissions to its map viewers approximately every two-to-three months; during this same timeframe, the GIS-formatted data used for fulfilling data requests (such as the data for which this metadata applies) is updated as well. The final annual update which incorporates all acceptable NPMS data submissions received during a calendar year is generally available the following March, but outdated data from non-compliant operators may be retained in the dataset rather than removed during enforcement procedures. You can view the NPMS Submission and Compliance Status for any gas transmission or hazardous liquid pipeline operator from the operator's dashboard by going to the public PHMSA Portal Operator Search at https://portal.phmsa.dot.gov/analytics/saw.dll?Portalpages.

Status:

Progress: In work

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -157.890988

East_Bounding_Coordinate: -65.998645

North_Bounding_Coordinate: 70.289562

South_Bounding_Coordinate: 18.422423

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Breakout Tanks, Hazardous Liquid

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Categories

Theme_Keyword: transportation

Access_Constraints: None

Use_Constraints: The NPMS breakout tank GIS data is Controlled Unclassified Information (CUI). It is available to breakout tank operators and local, state, tribal, and federal government officials by request. Requests for GIS data from the NPMS should follow instructions on the NPMS website at www.npms.phmsa.dot.gov. Breakout tank operators will only be provided data they contributed, while government officials will be provided data for their area of jurisdiction at a county, state, or federal level. Several considerations govern the display of static maps containing data derived from the NPMS. Static maps that are accessible/distributed outside of your governmental agency are restricted to displaying NPMS data for a single county and at a scale no larger than 1:24,000. Static maps distributed within your agency or displayed on websites with restricted access for government employees may display NPMS data at a scale larger than 1:24,000 and may include data for more than one county; however, such maps must be marked with the text "CUI". NPMS GIS data may not be included on a web, tablet, or mobile application or viewer unless consent is obtained from PHMSA's GIS Manager. U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration thanks government officials for exercising good judgment and recognizing that maintaining the security of NPMS data promotes public safety. This NPMS data is confidential and protected from FOIA disclosure due to the security sensitive nature of the data. It is not to be shared with anyone without express permission from U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA). By using this data, you agree to the following: I understand that PHMSA's National Pipeline Mapping System (NPMS), established pursuant to 49 U.S.C. 60132, is a Federal information system that contains sensitive information, access to which is restricted by Federal law (44 U.S.C. 3545(f) and FIPS PUB 200, Sec. 3). I understand that the NPMS information system remains under the exclusive control of PHMSA and that PHMSA's granting of conditional access to NPMS does not render the NPMS or any information contained therein Federal or State property or permit it to be integrated into the Federal or State records

system. PHMSA may revoke my NPMS privilege at any time and any records or information obtained from NPMS must be returned to PHMSA upon request. I understand that any requests by third parties for access to the NPMS information system or records derived from NPMS must be referred to the PHMSA Associate Administrator for Pipeline Safety. Notwithstanding the above, if any record derived from NPMS should ever be deemed subject to Federal or State public records laws for whatever reason, the record will be protected to the fullest extent permitted by law.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Dept. Of Transportation - Pipeline and Hazardous Materials Safety Administration

Contact_Person: Leigha Gooding

Contact_Position: GIS Manager

Contact_Address:

Address_Type: mailing and physical

Address: 1200 New Jersey Ave., S.E. E21-106

City: Washington

State_or_Province: DC

Postal_Code: 20590

Country: US

Contact_Voice_Telephone: 202-441-9086

Contact_Electronic_Mail_Address: leigha.gooding@dot.gov

Hours_of_Service: 8am - 5pm EST

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Dept. Of Transportation - Pipeline and Hazardous Materials Safety Administration

Contact_Person: Nathaniel Thompson

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical

Address: 1200 New Jersey Ave., S.E. E21-106

City: Washington

State_or_Province: DC

Postal_Code: 20590

Country: US

Contact_Voice_Telephone: 202-843-3818

Contact_Electronic_Mail_Address: nathaniel.thompson@dot.gov

Native_Data_Set_Environment: Esri ArcGIS Pro 3.5.6

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: The NPMS National Repository checks all entities and their attribute data for compliance with NPMS data standards.

Quantitative_Attribute_Accuracy_Assessment:

Attribute_Accuracy_Explanation: During the submission review stage, NPMS National Repository GIS analysts review attributes to ensure valid values and combinations as well as logical compliance with PHMSA information collections, including certain elements on Annual Reports to PHMSA.

Logical_Consistency_Report: During the submission processing stage, operator submissions are subject to thorough review to ensure attribute values logically align with breakout tank feature geometries, operational changes identified since the previous year, and with other records held at and submitted to PHMSA, such as National Registry Notifications, Annual Reports, and Inspection records. Each incoming breakout tank feature is matched and compared to its existing counterpart tank from the previous year to identify and review every change. Every divestiture, acquisition, or removal of a tank is validated through communication with stakeholders and corroboration though other records. If National Repository GIS analysts identify any logical inconsistencies, they document the discrepancy, provide artifacts and contact the operator to request clarifications or corrections not only to their NPMS submission data, but also across other PHMSA records as necessary. NPMS Submissions are not accepted by PHMSA and incorporated into the NPMS database, and operators do not meet compliance with the NPMS related federal safety regulations, until they resolve all issues identified by National Repository GIS analysts. The National Repository is also responsible for ensuring that all geospatial data are complete and correctly projected to the proper geodetic datum. Positional accuracy of +/- 500 feet is the maximum discrepancy permitted per the NPMS National Data Standards.

Completeness_Report: The NPMS breakout tank dataset contains breakout tanks under jurisdiction of the Pipeline and Hazardous Materials Safety Administration (PHMSA) per 49 CFR §§ 195.61 and submitted by operators to the NPMS. National Repository GIS analysts verify each submitted dataset for completeness according to NPMS standards and by validating certain attributes against separate reporting methods. The repository checks to ensure that all submissions include the required geospatial data, attribute data, metadata and contact information appropriate for use in the NPMS.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Publication_Date: 20260716

Title: National Pipeline Mapping System Breakout Tanks

Type_of_Source_Media: onLine

Source_Citation_Abbreviation: NPMS Breakout Tanks

Source_Contribution: NPMS breakout tank data is submitted to PHMSA's NPMS National Repository by pipeline operators subject to 49 CFR §§ 195.61.

Process_Step:

Process_Description:

The NPMS data compilation process begins when a facility operator submits data to the National Repository. In total there are four major steps in the NPMS process that prepares this data file:

1. Operator Submission. The process starts when an operator prepares required NPMS submission components appropriate for use in the NPMS based on the NPMS national standards, and submits them through the Operator Submission and Validation Environment (OSAVE; https://www.npms.phmsa.dot.gov/AboutOSAVE.aspx). A valid submission consists of geospatial data, attribute information that can either be included as part of the geospatial data or submitted as a separate table, and metadata information that provides detailed information from the operator to communicate information about the operator and the data so that the National Repository GIS analyst knows what to expect when reviewing the submission.

2. Submission Review and Processing. National Repository GIS analysts collect and review the components of every incoming submission through OSAVE; store the files together in a dedicated submission folder; log the submission and critical details about the submission into the submission

tracking database; and review related notes, submission metadata, operator compliance and error history, and PHMSA inspection and reporting records to build a custom QC routine aimed to identify key changes expected in this operator's submission. Depending on the incoming data file format, additional processing may be necessary to prepare required GIS data formats, apply correct projections and transformations, integrate the attributes with the spatial features and load the submission into a staging database. In addition to performing the custom QC routines, many standardized QC routines confirm each NPMS breakout tank data submission meets all NPMS national standards, logical expectations, and that all changes are validated and corroborated with records. Additional data fields and spatial analysis are performed during these steps. Errors or concerns are thoroughly documented and delivered to the pipeline operator for resolution, often including inspection staff from federal or state level pipeline safety agencies. Once all issues are resolved or clarified the data submission is ready for incorporation activities into the Linear Referencing System (LRS) database.

3. LRS Database Incorporation. Once the National Repository GIS analyst is satisfied that the incoming operator data submission meets all standards as outlined in 49 CFR §§ 195.61 and is accurate, it is incorporated into the national NPMS LRS database. Data is loaded into this database as soon as it is deemed complete. Newly-uploaded data becomes available in GIS format and viewable on NPMS Public Map Viewer (https://www.npms.phmsa.dot.gov/AboutPublicViewer.aspx) every 2-3 months as exports from the LRS database are created. This metadata document is updated each time data is exported from the database so the user can always identify the timeliness of data in their NPMS BOT Facility GIS data request.

4. Fulfilling the NPMS GIS Data Request. Once National Repository GIS analysts receive a complete and verified data request per the instructions available on the NPMS website at www.npms.phmsa.dot.gov, they use attribute selections to extract the pipeline segments that PHMSA can release, based on the requester’s validated area of jurisdiction (for local, state, tribal or federal government applicants) or operations (for tank operators). Based on the request, that data is compiled in an Esri Shapefile or File Geodatabase format with metadata and documentation regarding data use restrictions. Data is delivered to applicants through a secure FTP sent to their government or operator email address. While waiting for a data request to be fulfilled, anyone can use the NPMS Public Map Viewer (https://www.npms.phmsa.dot.gov/AboutPublicViewer.aspx) to view breakout tanks on a map showing one county at a time, scales no larger than 1:24,000, and elimination of sensitive attributes. Users cannot download NPMS GIS data from the Public Map Viewer or any NPMS web mapping application.

Process_Date: 20260716

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Dept. of Transportation - Pipeline and Hazardous Materials Safety Administration

Contact_Address:

Address_Type: physical

Address: 1200 New Jersey Ave., S.E.

City: Washington

State_or_Province: DC

Postal_Code: 20590

Contact_Voice_Telephone: 202-441-9086

Contact_Electronic_Mail_Address: npms@dot.gov

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: 8596

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 8.9831528411952133e-09

Longitude_Resolution: 8.9831528411952133e-09

Geographic_Coordinate_Units: Decimal Degrees

Geodetic_Model:

Horizontal_Datum_Name: D North American 1983

Ellipsoid_Name: GRS 1980

Semi-major_Axis: 6378137.0

Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: NPMS Breakout Tanks

Entity_Type_Definition: Points representing breakout tanks

Entity_Type_Definition_Source: Breakout Tank Attribute Table

Attribute:

Attribute_Label: REVIS_CD

Attribute_Definition: Revision Code. Identifies the type of revision that applied to this breakout tank during submission processing. NPMS National Repository GIS Analysts use this attribute value to verify changes to the national breakout tank dataset.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: C, J, E, Q, B, N

Enumerated_Domain_Value_Definition: J=a new addition to the NPMS for this OPID this year, due to a tank that is new to the NPMS reporting requirement, E=a new addition to the NPMS for this OPID this year, to correct an error in not submitting previously, Q=a new addition to the NPMS for this OPID this year, due to an acquisition/transfer from another operator/OPID, B=spatial and/or attribute modification to a breakout tank point location included in the previous NPMS submittal for this OPID, or N=no change to the matching breakout tank included in the previous breakout tank NPMS submittal for this OPID.

Enumerated_Domain_Value_Definition_Source: NPMS

Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: SHAPE

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: Esri

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: TANK_ID

Attribute_Definition: Tank ID. Identifier for a specific breakout tank within a functional grouping of tanks.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 20 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: CNSTR_YEAR

Attribute_Definition: Construction year. 4-digit year in which the breakout tank was constructed

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 0000-9999

Enumerated_Domain_Value_Definition: Any real 4 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: COMMODITY2

Attribute_Definition: Secondary Commodity Code. Abbreviation for the secondary commodity stored in the tank.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: CRD, PRD, AA, LPG, NGL, OHV, CO2, ETH

Enumerated_Domain_Value_Definition: CRD=crude oil, PRD=non-HVL petroleum product, AA=anhydrous ammonia, LPG=liquefied petroleum gas, NGL=natural gas liquids, OHV=other HVLs, CO2=carbon dioxide, ETH=fuel grade ethanol

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: OPID

Attribute_Definition: Operator ID. Accounting number assigned by the PHMSA to the company that operates the breakout tank. This value can be used to access other records from the PHMSA website about this pipeline operator.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 00001 - 99999

Enumerated_Domain_Value_Definition: Any number 5 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: REVIS_DATE

Attribute_Definition: Revision Date. Use this field to determine the currentness of the breakout tank. For example, if the Revision Date reflects 2021, the breakout tank data reflects operations in the field as of December 31, 2020. More specifically, the Revision Date identifies the date in which the NPMS National Repository received the breakout tank data submission or a confirmation that no changes are necessary to the existing data in order to reflect operations as of December 31 of the previous year (referred to as a no change notification). If the operator submits new data for the year, this date will be the same as the Submission Date value. If an operator submits a notification of no change for the pipeline rather than new data, the date will reflect the receipt of the notification while the Submission Date will reflect the last date the data changed through a data submission.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Date

Enumerated_Domain_Value_Definition: N/A

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: COMMODITY3

Attribute_Definition: Tertiary Commodity Code. Abbreviation for the tertiary commodity stored in the tank.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: CRD, PRD, AA, LPG, NGL, OHV, CO2, ETH

Enumerated_Domain_Value_Definition: CRD=crude oil, PRD=non-HVL petroleum product, AA=anhydrous ammonia, LPG=liquefied petroleum gas, NGL=natural gas liquids, OHV=other HVLs, CO2=carbon dioxide, ETH=fuel grade ethanol

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: SUB_DATE

Attribute_Definition: Submission Date. Identifies the date in which the NPMS National Repository received the breakout tank data submission. Data reflects operations in the field as of December 31 of the previous year. For example, a submission received during 2021 reflects operations in the field as of December 31, 2020.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Date

Enumerated_Domain_Value_Definition: N/A

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: FAC_NAME

Attribute_Definition: The operators name for a functional grouping of tanks.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 40 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: FRP_SEQ

Attribute_Definition: Facility Response Plan Number. Tracking number assigned by PHMSA corresponding to the facility response plan (FRP) for the tank/tank farm. The FRP number is usually maintained by the operators Environmental Health and Safety contact or an operations manager.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 25 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: QUALITY_CD

Attribute_Definition: Quality Code. Operator's estimate of the positional accuracy of the submitted breakout tank data.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: A, B, C, D, E

Enumerated_Domain_Value_Definition: A=less than 5 feet, B=5-25 feet, C=25.01-50 feet, D=50.01-100 feet, E=100.01 or greater.

Enumerated_Domain_Value_Definition_Source: NPMS

Attribute:

Attribute_Label: SUBMIT_ID

Attribute_Definition: Submission ID. Internal tracking value used by NPMS National Repository GIS Analysts to reflect which breakout tank data submission included this breakout tank. The Submission ID value is a combination of the submitting pipeline operator's Operator ID value, and a unique identifier for that year's data submission.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 12 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: ABAND_OPID

Attribute_Definition: Abandoned OPID. OPID for previous operator of an abandoned breakout tank where OPID = 99999 and Operator Name = "ABANDONED". In other words, the operator that operated the breakout tank prior to its abandonment and that reported the breakout tank as abandoned to PHMSA.

Attribute_Definition_Source: PHMSA

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 00001-99999

Enumerated_Domain_Value_Definition: Any number 5 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: OPER_NM

Attribute_Definition: Operator Name. Name of the company that physically operates the breakout tank. This is the company name associated with this OPID in PHMSA records.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 100 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: SOLD_OPID

Attribute_Definition: Sold OPID. OPID for previous operator on a sold breakout tank where OPID = 88888 and Operator Name = "SOLD - PENDING NEW OPERATOR SUBMISSION". When a breakout tank is included in the NPMS as sold (OPID = 88888 and Operator Name = "SOLD - PENDING NEW OPERATOR SUBMISSION"), a new operator for the breakout tank has not yet been identified or the new operator's data has not yet been processed.

Attribute_Definition_Source: PHMSA

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 00001-99999

Enumerated_Domain_Value_Definition: Any string 5 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: OBJECTID

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: TANKSIZE

Attribute_Definition: Nominal Size of Breakout Tank. Nominal size of the tank in thousands of barrels (e.g. a tank that holds 50,000 barrels is reported as 50). All tanks that hold less than 1000 bbls are reported as TANKSIZE 1, otherwise size of the tank is rounded to the nearest thousand.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 0000-9999

Enumerated_Domain_Value_Definition: Any positive number with up to 8 decimal places

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: STATUS_CD

Attribute_Definition: Status Code. Identifies the current operational status of the breakout tank.

Attribute_Definition_Source: Operator

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: AF, AU, PA

Enumerated_Domain_Value_Definition: AF=active filled (stored a commodity), AU=active unfilled (option when a breakout tank is not permanently abandoned in place, but also did not store a commodity), PA=permanently abandoned in place in accordance with federal regulations.

Enumerated_Domain_Value_Definition_Source: NPMS

Attribute:

Attribute_Label: COMMODITY

Attribute_Definition: Primary commodity/ stored liquid. Abbreviation for the primary commodity stored in the tank.

Attribute_Definition_Source: PHMSA

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: CRD, PRD, AA, LPG, NGL, OHV, CO2, ETH, NONE

Enumerated_Domain_Value_Definition: CRD=crude oil, PRD=non-HVL petroleum product, AA=anhydrous ammonia, LPG=liquefied petroleum gas, NGL=natural gas liquids, OHV=other HVLs, CO2=carbon dioxide, ETH=fuel grade ethanol, and NONE=the tank did not store a commodity during the reporting year

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: OS_FIPS

Attribute_Definition: County FIPS code. Identifies the county by the 5-digit Federal Information Processing Standard (FIPS) code for the county and state in which the breakout tank is located. The first two digits represent the state; the last 3 represent the county. County FIPS code determined by NPMS National Repository GIS Analysts through an intersection with the US Census Bureau's County TIGER/Shapefile. A breakout tank that is located in state waters is assigned the FIPS code of the county in which the tank would be located if the county boundaries were extended through the state waters. A breakout tank that is located in federal waters is assigned an internal 5-digit code representing the specific body of water (see domain value definition list).

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 5-digit text value established by U.S. government

Enumerated_Domain_Value_Definition: Refer to the internet, such as EPA's Envirofacts, for information regarding specific FIPS code values. For breakout tanks located in federal waters the internally representative FIPS values are 99001 = Alaska Area; 99002 = Atlantic Ocean; 99003 = Gulf of America; 99004 = Hawaii Area; 99005 = Pacific Ocean.

Enumerated_Domain_Value_Definition_Source: NPMS

Attribute:

Attribute_Label: OS_ST_FIPS

Attribute_Definition: Offshore State FIPS Code. Identifies the state by the 2-digit Federal Information Processing Standard (FIPS) code for the state in which the breakout tank is located. State FIPS code determined by NPMS National Repository GIS Analysts through an intersection with the US Census Bureau’s County TIGER/Shapefile. A breakout tank that is located in state waters is assigned that state’s 2-digit FIPS Code. A breakout tank that is located in federal waters is assigned the internal code 99.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 2-digit text value established by U.S. government

Enumerated_Domain_Value_Definition: Refer to the internet, such as EPA's Envirofacts, for information regarding specific FIPS code values

Enumerated_Domain_Value_Definition_Source: NPMS

Attribute:

Attribute_Label: OS_ST_ABBR

Attribute_Definition: State Abbreviation. Identifies the two-character abbreviation of the state in which the breakout tank is located. State abbreviation determined by NPMS National Repository GIS Analysts through an intersection with the US Census Bureau's County TIGER/Shapefile. A breakout tank that is located in state waters is assigned that state's abbreviation. A breakout tank that is located in federal waters is assigned the internal abbreviation "FW."

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Free text

Enumerated_Domain_Value_Definition: Any string 2 characters in length

Enumerated_Domain_Value_Definition_Source: PHMSA

Attribute:

Attribute_Label: DATE_MOD

Attribute_Definition: Internal tracking of the NPMS National Layer 'as of' date and time.

Attribute_Definition_Source: NPMS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: MM/DD/YYYY HH:MM:SS AM/PM

Enumerated_Domain_Value_Definition: Any date and time

Enumerated_Domain_Value_Definition_Source: NPMS

Metadata_Reference_Information:

Metadata_Date: 20260804

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Dept. Of Transportation - Pipeline and Hazardous Materials Safety Administration

Contact_Person: Nathaniel Thompson

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical

Address: 1200 New Jersey Ave., S.E.

City: Washington

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