

PHMSA Website and Resources



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U.S. Department of Transportation
**Pipeline and Hazardous Materials
Safety Administration**

"To protect people and the environment by advancing the safe transportation of energy and other hazardous materials that are essential to our daily lives."



Regulatory Relationships



U.S. Congress

- Defines a goal for regulatory reform through directive or law or directly institutes reform through law. Reauthorizes PHMSA.

NTSB (National Transportation Safety Board)

- Insures through accident investigation that congresses intent is being meet and recommends improvements

PHMSA (Pipeline and Hazardous Materials Safety Administration)


- Writes regulations based on reform, participates in industry groups, trains investigators, investigate failures, inspect operators, initiate legal actions and ensures state partners are performing at expected levels.


State Partners

- Granted regulative authority through state program agreements to act as PHMSA representatives.
- PHMSA State Programs ensures that state partners have the tools they need and are performing at an appropriate level

Pipeline Safety Law

- <https://www.law.cornell.edu/uscode/text/49/subtitle-VIII/chapter-601>

 Cornell Law School

 Legal Information Institute

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[§ 60106. State pipeline safety agreements](#)

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[§ 60108. Inspection and maintenance](#)

[§ 60109. High-density population areas and environmentally sensitive areas](#)

[§ 60110. Excess flow valves](#)

[§ 60111. Financial responsibility for liquefied natural gas facilities](#)

(c) RECORDS, REPORTS, AND INFORMATION.—To enable the Secretary to decide whether a person owning or operating a pipeline facility is complying with this chapter and standards prescribed or orders issued under this chapter, the person shall—

- (1) maintain records, make reports, and provide information the Secretary requires; and
- (2) make the records, reports, and information available when the Secretary requests.

The Secretary may require owners and operators of gathering lines to provide the Secretary information pertinent to the Secretary's ability to make a determination as to whether and to what extent to regulate gathering lines.

(d) ENTRY AND INSPECTION.—

An officer, employee, or agent of the Department of Transportation designated by the Secretary, on display of proper credentials to the individual in charge, may enter premises to inspect the records and property of a person at a reasonable time and in a reasonable way to decide whether a person is complying with this chapter and standards prescribed or orders issued under this chapter.



FEDERAL REGISTER

The Daily Journal of the United States Government



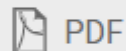
Ⓡ Rule

Pipeline Safety: Unusually Sensitive Areas for the Great Lakes, Coastal Beaches, and Certain Coastal Waters

A Rule by the Pipeline and Hazardous Materials Safety Administration on 12/27/2021



◀ PUBLISHED DOCUMENT: 2021-27751 (86 FR 73173)



PDF



Document
Details



Document
Dates

DOCUMENT HEADINGS

Department of Transportation

Pipeline and Hazardous Materials Safety Administration

49 CFR Part 195

[Docket No. PHMSA-2017-0152; Amdt. No. 195-104]

RIN 2137-AF31

<https://www.federalregister.gov/>



Code of Federal Regulations

A point in time eCFR system



Title 49



Displaying title 49, up to date as of 5/08/2025. Title 49 was last amended 3/20/2025. [view historical versions](#)

Enter a search term or CFR reference (eg. fishing or 1 CFR 1.1)



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▼ Part 195	Transportation of Hazardous Liquids by Pipeline	195.0 – 195.591
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<https://www.ecfr.gov/>

Advancing the Safe Transportation of Energy and Hazardous Materials

FIND OUT MORE ABOUT PHMSA'S MISSION

<https://www.phmsa.dot.gov/>



Regulations

Regulations, interpretations, rules, approvals and permits, and bulletins for pipeline and hazmat safety.



Data & Statistics

PHMSA tracks data on the frequency of failures, incidents and accidents.



Online Services

Access forms for the Operator Registration System, hazmat registration, incident reporting and more.



Research & Development

PHMSA projects to improve the safety and reliability of hazmat transportation by all modes, including pipelines.



Inspections & Enforcement

Incident forms, regional office contacts, and general information on PHMSA enforcement programs.



NTSB Recommendations

Information and updates for PHMSA's responses to recommendations from the National Transportation Safety Board.



Grants

PHMSA offers state grants through several programs and partnerships for pipeline and hazmat safety.



Approvals and Permits

Resources about hazardous materials and pipeline approvals and permits processes, as well as the ability to search existing approvals and permits.

<https://www.phmsa.dot.gov/>

Pipeline Emergency Response Grant (PERG)

Overview

The Pipeline Emergency Response Grant (PERG) program focuses on incidents response activities related to the transportation of gas or hazardous liquids by pipelines in high consequence areas (HCAs). HCAs are defined in section 192.903 and 195.450 of title 49, Code of Federal Regulations. Funding under this award is critical to ensuring the safe transportation of hazardous materials by training emergency responders to respond to pipeline incidents. PHMSA's goal is to ensure that responders who receive training under the grant will have the ability to protect nearby persons, property, and the environment from the effects of pipeline accidents or incidents involving the transportation of hazardous materials.

Award Eligibility

The PERG is open to state, county, and local governments. For-profit entities are not eligible.

Award Funding Information

Funding may be used for training individuals with statutory responsibility to respond to pipeline incidents in HCAs. Applicants must include a plan for training responders in communities who are affected by pipeline incidents.

All training activities must have a pipeline transportation tie-in. Eligible activities include but are not limited to:

- Pipeline emergency response planning, training, and exercises,
- Pipeline Emergency Responder Initiative (PERI) development and training,
- Pipeline leak recognition and release evacuation training,
- Development and maintenance of pipeline training curriculum, and
- Training props, equipment, and supplies.

Subject to the availability of funds, the number of awards will depend on the quality and number of applications received and the dollar amounts requested.

Hazardous Materials Standards
& Rulemaking Overview

Pipeline Standards and
Rulemaking

Interpretations

Notices and Advisory Bulletins
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Notices and Rulemaking Documents

The following PHMSA rules and notices are linked to the Federal Register website. The Federal Register is the Government's official daily publication of rules, proposed rules, and notices of federal action for public participation in the democratic process. You may filter between Rules and Notices using the dropdown. The Topic dropdown will provide you rules associated with that topic while the Agency dropdown will provide you Notices and Rules that mention that subject.

The Federal Register provides notices dating back to 1995. If you need to see notices prior to 1995, please contact the Office of Hazardous Materials Safety or the Office of Pipeline Safety.

Office of Hazardous Materials Safety: 202-366-4488

Office of Pipeline Safety: 202-366-4595

The Federal Register provides rulemaking documents dating back to 1995. If you need to see rulemaking documents prior to 1995, please visit our rulemakings archives:

[Hazardous Materials Safety Rulemaking Archive](#)

[Pipeline Safety Rulemaking Archive](#)

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Related Links

- [Pipeline Replacement Updates](#)
- [Pipeline Technical Resources](#)

Contact Us

Office of Pipeline Safety
U.S. Department of
Transportation, Pipeline and
Hazardous Materials Safety
Administration
1200 New Jersey Avenue, SE
Washington, DC 20590
United States

Email:

phmsa.pipelinesafety@dot.gov



Phone: [202-366-4595](tel:202-366-4595) 📞

Fax: [202-366-4566](tel:202-366-4566) 📠

Business Hours:

9:00am-5:00pm ET, M-F

If you are deaf, hard of
hearing, or have a speech
disability, please dial 7-1-1 to
access telecommunications
relay services.

Pipeline Technical Resources Overview

The Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, provides technical information on selected pipeline safety topics. This information is oriented primarily toward operators to provide information useful for complying with the pipeline safety regulations; however, all stakeholders may find this material informative. This site is updated as needed to reflect new developments or to include information pertinent to these topics.

Alternative MAOP	Low Strength in High Grade Pipe
Cased Crossings and Guided Wave Ultrasonics	Oil Spill Exercise and Response Training Videos
Class Location Special Permits	Operator Qualification
Control Room Management	Pipeline Construction
Gas Distribution Integrity Management Program	Pipeline Materials
Gas Transmission Integrity Management	Public Meetings
Hazardous Liquid Integrity Management	Risk Modeling Group
High Volume Excess Flow Valves	Research and Development (R&D)
Liquefied Natural Gas	Underground Natural Gas Storage
Gas Gathering Regulatory Overview	



Pipeline Technical Resources

[Hazardous Liquid Integrity
Management \(HL IM\) Overview](#)

[HL IM Fact Sheet](#)

[HL IM Key Documents](#)

[HL IM Meetings](#)

[HL IM Notifications](#)

[HL IM Performance Measures](#)

Related Links

- [Frequently Asked Questions](#)

Hazardous Liquid Integrity Management (HL IM)

This site is administered by the Pipeline and Hazardous Materials Safety Administration (PHMSA). It provides information regarding the Pipeline Integrity Management in High Consequence Areas for Hazardous Liquid Operators Rule (see 65 FR 75377 and 67 FR 2136), commonly referred to as the "Liquid IM Rule", or alternatively, the "HL IM Rule."

The HL IM Rule resulted in regulations within 49 CFR Part 195 (§§ 195.450 and 195.452) which specify how pipeline operators must identify, prioritize, assess, evaluate, repair and validate the integrity of hazardous liquid pipelines that could, in the event of a leak or failure, affect High Consequence Areas (HCAs) within the United States. These HCAs include: population areas; areas containing drinking water and ecological resources that are unusually sensitive to environmental damage; and commercially navigable waterways. Operators were given until March 31, 2002 or February 18, 2003, depending on their total pipeline mileage, to develop and implement their IM programs.

For an overview of the progress being made under the hazardous liquid pipeline integrity management (HL IM) regulations, please see the Performance Measures page. There you will find graphs and charts which depict progress and other aspects of operator implementation of the HL IM regulations. You will also find a link to the data provided by pipeline operators in accordance with these regulations.

Other HL IM menu links on the left provide additional information, including an operator IM process flowchart and a fact sheet that summarizes key requirements of the HL IM regulations; details of the HL IM regulations; a glossary of related terminology; FAQs; and, other information useful in more fully understanding these regulations.

HL IM Key Documents

Guidance

- [PHMSA Inspection Reassessment Intervals Guidance for Less than 7 years](#)

Progress Report

- [Hazardous Liquid Integrity Management Progress Report, January 2011](#)

Rule Documents

Please select the document below that suits your needs. The Final Rule (as amended) includes the original rule and the subsequent changes. This version also contains links to related documentation. A pdf version is available for download and printing. The Federal Register notices that published portions of this rule are available for download.

Final Rule (as amended per July 17, 2007 revision)

- [PDF document](#)

Federal Register Notices

- [Integrity management for operators of hazardous liquid pipelines with more than 500 miles of pipeline \(the original rule\)](#)
- [Revised repair criteria and other minor changes](#)
- [Integrity management for operators of hazardous liquid pipelines with less than 500 miles of pipeline](#)
- [Integrity management for operators of hazardous liquid pipelines with less than 500 miles of pipeline \(Final Rule; correction\)](#)
- [Pipeline Safety: Alternative Mitigation Measures for Required Repairs Delayed by a Need To Obtain Permits](#)
- [Pipeline Safety: Stress Corrosion Cracking \(SCC\) Threat to Gas and Hazardous Liquid Pipelines](#)
- [Pipeline Safety: Standards for Direct Assessment of Gas and Hazardous Liquid Pipelines \(October 25, 2005\)](#)
- [Integrity Management Program Modifications and Clarifications \(July 17, 2007\)](#)

INTEGRITY ASSESSMENT INTERVALS

5.1 How often must periodic integrity assessments be performed on pipeline segments that can affect an HCA after the baseline assessment is completed?

Assessments must be performed at intervals determined by the operator based on segment-specific risk factors. Scheduled intervals must be no longer than 5 years (§195.452 (j)(3)) unless an operator has sound technical justification for a longer interval and notifies PHMSA Pipeline Safety of its intent to use the longer interval. Whatever interval is selected must be technically defensible.

Last Revision: 12/19/07

5.2 Does the requirement that an operator establish inspection intervals not to exceed five (5) years mean 5 calendar years (i.e., pipe assessed in 2003 must be re-assessed in 2008) or 5 actual years?

Re-assessments must be conducted within 5 actual years (not to exceed 68 months in certain cases - see FAQ 5.11). For example, a pipe segment assessed on March 23, 2003 has been re-assessed before March 23, 2008.

Last Revision: 12/19/07

Interpretation Request

Office of Pipeline Safety: A written regulatory interpretation, response to a question, or an opinion concerning a pipeline safety issue may be obtained by submitting a written request to the Office of Pipeline Safety (PHP-30), PHMSA, U.S. Department of Transportation, 1200 New Jersey Avenue SE., Washington, DC 20590-0001 or at the email address: pipeline_interp_submittal@dot.gov. In addition to email address, the requestor must include his or her return address and should also include a daytime telephone number. Requests should be submitted at least 120 days before the time the requestor needs a response. Note: electronic submission is provided as alternative to the 49 CFR Part 190.11(b) mail-in requirement.

Interpretation letters under review are available at the [Office of Pipeline Safety's Interpretation Review page](#). To submit comments on an interpretation under review, proceed to the Interpretation Review page, locate the interpretation to comment on, and click the appropriate link to submit a comment on the corresponding interpretation. Comment submissions will be accepted for 30-days after the interpretation letter is posted.

This section of the website below provides the ability to find regulations information including regulations parts, content of sections, and interpretations for regulations sections. A list of parts, identified by the part number and subject is also provided. To browse sections by part, click on the subject link below. You will be taken to the eCFR website to view sections for a part.

The [eCFR](#) is also searchable by keyword and other available options on the [eCFR website](#). To search and browse regulations using the [eCFR website](#), use the link below. For assistance, please send an email to PHMSA.Webmaster@dot.gov.


Search the [eCFR](#)

Interpretations Reference


Keyword


Search Tip: Use quotation marks to search for commonly used phrases, such as "gas transmission" or "cargo tank motor vehicle."


Part/Section #

Topic
- Any - 

Interpretations Reference #

Publish Date From
 
E.g., 02/09/2021

Publish Date To
 
E.g., 02/09/2021

Only Chief Counsel Responses
- Any - 

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Currently Open Recommendations

PHMSA NTSB Safety Recommendations

P-11-009	PG&E Rupture - Immediate 911 Notifications; OAA	26-Sep-11
P-11-010	PG&E Rupture - Equipping SCADA Systems; OAA	26-Sep-11
P-11-011	PG&E Rupture - Installing ACVs or RCVs; OAA	26-Sep-11
P-12-003	Enbridge - Engineering Assessment of Cracks; OUA	25-Jul-12
P-19-14	Require overpressure protection for low pressure natural gas distribution systems that cannot be defeated by a single operator error or equipment failure; OAA	24-Oct-19
P-21-01	Expand incident reporting requirements in 49 CFR Part 191 so that events that may meet the definition of "incident" are immediately reported to the National Response Center even when source of natural gas has not been determined; OAA	February 8, 2021
P-21-02	As of 7/8/22, Evaluate industry's implementation of the gas distribution pipeline integrity management requirements and develop updated guidance for improving their effectiveness; OAA	February 8, 2021
P-21-03	Assist the Railroad Commission of Texas in conducting the audit recommended in Safety Recommendation P-21-4; OAA	February 8, 2021
P-21-18	In collaboration with Coastal and Marine Operators and the Council for Dredging and Marine Construction Safety, develop recommended practices and processes for pipeline operators and dredging companies to obtain and use accurate pipeline location data during planning and one-call locating activities for pipelines both in and near project locations; OAA	21-Dec-21
P-21-19	In collaboration with Coastal and Marine Operators and the Council for Dredging and Marine Construction Safety, develop guidance for 2 excavators to clearly identify proposed dredging boundaries for dredging projects before notifying one-call centers by either physically marking the boundaries where practicable, or identifying the boundary with accurate location data; OAA	21-Dec-21

<https://www.phmsa.dot.gov/phmsa-ntsb-recommendations/phmsa-ntsb-recommendations>

PHMSA Portal Access Page

!!! IMPORTANT ANNOUNCEMENT !!!

The PHMSA Portal has implemented Multi-Factor Authentication (MFA). All external/non-DOT users must now register with Login.gov prior to accessing the PHMSA Portal System. If you have any questions, please email PortalSupport@dot.gov.

Notice to Pipeline Operators: When registering with LOGIN.GOV, please provide the same email address originally used to request an OPID.

Thank you for your continuing support as we work to make PHMSA's Portal System more secure.



PHMSA

Our mission is to protect people and the environment from the risks of hazardous materials transportation. To do this, we establish national policy, set and enforce standards, educate, and conduct research to prevent incidents...[Read more...](#)

PHMSA Portal is a 'One Stop Shop' where industry, modal state and other business partners can access PHMSA services via the internet or intranet, creating a single source for crucial Hazardous Materials and Pipeline Safety data via single sign-on access.

Enrollment

[Operator ID Assignment Request](#)

[Need Help?](#)

[Twitter](#)

PHMSA Portal is used by PHMSA to enable customers to obtain accounts that will allow them to access PHMSA Web applications and services via the internet.

- Please note that PHMSA will only accept Accounts from individuals.
- Currently PHMSA does not have the mechanism to issue accounts to businesses, corporations or other entities.
- To apply for a PHMSA Account, please visit the [Create An Account Page](#).

First Time User? Create an Account

First time users of the PHMSA Pipeline Safety Portal must create an account

[Create Account](#)

If you need help, here is the instruction for [Pipeline](#) and [Hazmat](#)

Sign in with  MyAccess

OR

Sign in with  LOGIN.GOV

Announcements

Announcement Message

No data to display.

System Status

Application Message

No data to display.

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

<https://portal.phmsa.dot.gov/login/pipelinelogin.html>



**GOVERNMENT
OFFICIAL**



**PIPELINE
OPERATOR**



**GENERAL
PUBLIC**



**FIRST-TIME
VISITOR**

PIMMA USER LOGIN

PIMMA IS RESTRICTED TO GOVERNMENT OFFICIALS AND PIPELINE OPERATORS WITH NPMS

ACCOUNTS

[LOGIN](#)

[APPLY FOR
PIMMA ACCESS](#)

[PIMMA
IPHONE APP](#)

[About PIMMA](#)

PUBLIC MAP VIEWER

PIPELINE MAPS FOR THE GENERAL PUBLIC – NO NPMS ACCOUNT REQUIRED

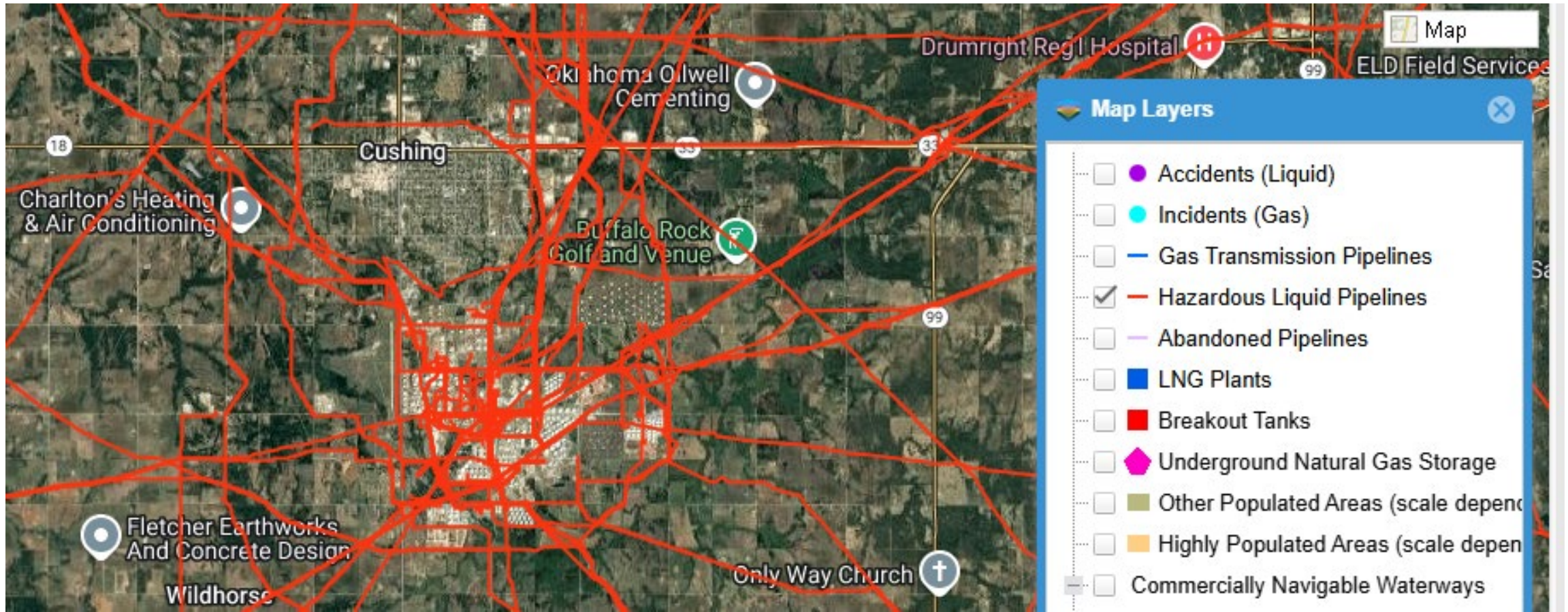
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<https://www.npms.phmsa.dot.gov/>



Thanks!

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