

Pipelines Nearby

Purpose and Scope:

The purpose of the program is to provide approximate pipeline location information along with general hazard recognition and response information for pipelines near a specific location. The program will allow stakeholders, who include: municipalities, businesses, schools, residents, 911 centers, and emergency officials to enter specific location information into a web based application, or use a mobile device, to return information for the five pipelines closest to that specific location.

Program Elements

Members must submit pipeline location information in an electronic format suitable for import into common GIS database applications. The information must be pipeline specific and include:

- Company name
- Product transported or pipeline type (identify one of the following categories):
 1. Odorized Natural Gas
 2. Un-odorized Natural Gas
 3. Petroleum Liquids (includes sweet crude oil)
 4. Petroleum Gas (propane, ethane, butane)
 5. Anhydrous Ammonia
 6. Carbon Dioxide
 7. Ethanol
 8. Sour Natural Gas (H₂S)
 9. Sour Crude Oil (H₂S)
 10. Liquids & Odorized Nat Gas
- Emergency phone number
- Non-emergency phone number

A web application having the capability to interface with various mobile devices such as smart phones and tablet computers will be freely available to all stakeholders.

Specific location information may be entered into the web application by typing in a street address or clicking a point on a map. GPS enabled mobile devices will deliver location coordinates through the mobile-friendly application. When information for a specific location is received in the database, it will render a report containing the following information:

- Product transported (one of the categories above)
- Approximate distance and direction to the pipeline
- Name of the pipeline operator
- Emergency phone number
- Non-emergency phone number
- Common indications of a pipeline leak (see chart on last page)
- Potential hazards associated with a release (see chart on last page)
- Recommended general emergency response actions (see chart on last page)

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Dues

Dues for participation in this program are included in the annual dues for basic membership.

Sign up

Members desiring to participate in this program should email info@pipelineawareness.org and include the pipeline information they would like included in the program. GIS information may be submitted anytime during the year. The centerline information will be imported into a secure database and used only for the purposes of the program. Member centerline information will not be shared with outside parties. Members are responsible for sending updated or revised information as appropriate.

Leak, Hazard, and Emergency Response Information

The indications of a leak, the associated hazards, and the corresponding emergency response actions that will be displayed are contained in the table below.

Pipelines Nearby

Leak, Hazard, and Emergency Response Information

Odorized Natural Gas
 Un-odorized Natural Gas
 Petroleum Liquids
 Petroleum Gas
 Anhydrous Ammonia
 Carbon Dioxide
 Ethanol
 Sour Natural Gas (H2S)
 Sour Crude Oil (H2S)
 Liquids & Odorized Nat Gas

INDICATIONS OF A LEAK

An odor like rotten eggs or a burnt match	X							X	X	X
A loud roaring sound like a jet engine	X	X						X		X
A white vapor cloud that may look like smoke				X	X					
A hissing or whistling noise	X	X		X	X	X	X	X		X
The pooling of liquid on the ground			X				X		X	X
An odor like petroleum liquids or gasoline			X	X					X	X
Fire coming out of or on top of the ground	X	X		X			X	X		X
Dirt blowing from a hole in the ground	X	X		X	X	X		X		X
A sheen on the surface of water			X	X			X		X	X
An area of frozen ground in the summer	X	X		X		X		X		X
An unusual area of melted snow in the winter	X	X		X		X	X	X		X
An area of dead vegetation	X	X	X	X			X	X	X	X
Bubbling in pools of water	X	X		X		X		X		X
An irritating and pungent odor					X			X	X	

HAZARDS OF A RELEASE

Highly flammable and easily ignited by heat or sparks	X	X	X	X			X	X	X	X
Will displace oxygen and can cause asphyxiation	X	X		X	X	X	X	X		X
Vapors are heavier than air and will collect in low areas			X	X	X	X	X		X	X
Contact with skin may cause burns, injury, or frostbite			X	X	X	X	X	X		X
Initial odor may be irritating and deaden the sense of smell								X	X	
Toxic and may be fatal if inhaled or absorbed through skin					X			X	X	
Vapors are extremely irritating and corrosive					X			X	X	
Fire may produce irritating and/or toxic gases	X	X	X	X	X		X	X	X	X
Runoff may cause pollution			X		X		X		X	X
Vapors may form an explosive mixture with air	X	X	X	X			X	X	X	X
Vapors may cause dizziness or asphyxiation without warning	X	X				X		X	X	X

EMERGENCY RESPONSE

Avoid any action that may create a spark	X	X	X	X			X	X	X	X
Do NOT start vehicles, switch lights, or hang up phones	X	X	X	X			X	X	X	X
Evacuate the area on foot in an upwind and uphill direction	X	X	X	X	X	X	X	X	X	X
Alert others to evacuate the area and keep people away	X	X	X	X	X	X	X	X	X	X
From a safe location, call 911 to report the emergency	X	X	X	X	X	X	X	X	X	X
Call the pipeline operator and report the event	X	X	X	X	X	X	X	X	X	X
Wait for emergency responders to arrive	X	X	X	X	X	X	X	X	X	X
Do NOT attempt to close any pipeline valves	X	X	X	X	X	X	X	X	X	X
Take shelter inside a building and close all windows					X			X	X	