

## 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 member pipelines near a specific location. The program will allow stakeholders, who include: municipalities, businesses, schools, residents, 911 centers, and emergency officials to enter location information into a web based application, or use a mobile device, and receive information for the five member pipelines closest to a specific location. The application can be accessed at: [www.pipelinesnearby.org](http://www.pipelinesnearby.org)

### **Program Elements**

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

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 the following information:

- Product transported
- 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)

### **Sign up**

Members must submit pipeline location information in an electronic format suitable for import into common GIS applications. The information for each pipeline must include the product transported, identified with one of the following categories:

- Odorized Natural Gas
- Un-odorized Natural Gas
- Odorized Petroleum Gas
- Un-odorized Petroleum Gas (includes liquefied propane, ethane, butane, etc.)
- Petroleum Liquids (includes sweet crude oil)
- Anhydrous Ammonia
- Carbon Dioxide
- Ethanol
- Hydrogen Gas
- Sour Gas (H<sub>2</sub>S)
- Sour Crude Oil (H<sub>2</sub>S)
- Liquids & Odorized Nat Gas

## **Pipelines Nearby**

Members desiring to participate in the program should send the information they would like included in the program to: [admin@pipelineawareness.info](mailto:admin@pipelineawareness.info). GIS information may be submitted anytime during the year. The centerline information will be imported into a secure database and only used for the purposes of the program. Member information will not be shared with outside parties and will be handled in accordance with the *Confidential Member Information Policy* posted on the Association's web site.

Members are responsible for submitting updated or revised information as appropriate.

### **Dues**

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

### **Leak, Hazard, and Emergency Response Information**

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

## Pipelines Nearby

### Leak, Hazard, and Emergency Response Information

Odorized Natural Gas  
Un-odorized Natural Gas  
Odorized Petroleum Gas  
Un-odorized Petroleum Gas  
Petroleum Liquids  
Anhydrous Ammonia  
Carbon Dioxide  
Ethanol  
Hydrogen Gas  
Sour Gas (H<sub>2</sub>S)  
Sour Crude Oil (H<sub>2</sub>S)  
Liquids & Odorized Nat Gas

#### INDICATIONS OF A LEAK

An odor like rotten eggs or a burnt match	X		X							X	X	X
A loud roaring sound like a jet engine	X	X	X	X		X	X		X	X		X
A white vapor cloud that may look like smoke			X	X		X	X					
A hissing or whistling noise	X	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			X	X
Fire coming out of or on top of the ground	X	X	X	X					X	X		X
Dirt blowing from a hole in the ground	X	X	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		X	X		X
An unusual area of melted snow in the winter	X	X	X	X			X		X	X		X
An area of dead vegetation	X	X	X	X	X	X	X	X	X	X	X	X
Bubbling in pools of water	X	X	X	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	X	X
Will displace oxygen and can cause asphyxiation	X	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	X	X
Contact with skin may cause burns, injury, or frostbite			X	X	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	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	X	X
Vapors may cause dizziness or asphyxiation without warning		X		X			X		X	X	X	
Is lighter than air - can migrate underground and into enclosed spaces	X	X							X			X

#### EMERGENCY RESPONSE

Avoid any action that may create a spark	X	X	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	X	X
Evacuate the area on foot in an upwind and/or uphill direction	X	X	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	X	X
From a safe location, call 911 to report the emergency	X	X	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	X	X
Wait for emergency responders to arrive	X	X	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	X	X
Take shelter inside a building and close all windows						X	X			X	X	