Warning signs of a liquids pipeline release

- Dead or discolored vegetation
- Sheens on water or flat surfaces
- Pools of liquid not usually present along the right of way (ROW)
- Vapor cloud or mist

Video 1: Pipeline Overview

- More than two million miles of pipelines deliver oil, oil products and natural gas
- Pipelines are an important part of our nation's infrastructure
- Operators have numerous programs to ensure the safety of the network
- Every day, operators are committed to monitoring and safely operating their pipelines

Video 2: Natural Gas Pipelines & Hazards of Natural Gas

Typical warning signs of a natural gas pipeline release

- Whistling or hissing sound
- Distinctive, strong odor, often compared to rotten eggs (some lines may be unodorized)
- Dense fog, mist or white cloud
- Bubbling in water, ponds or creeks
- Dust or dirt blowing up from the ground
- Discolored or dead vegetation above the pipeline right of way
- Loud roaring or explosive sound
- Very large flames and loud roaring noise

Video 3: Liquids Pipelines & Hazards of Liquids

Warning signs of a liquids pipeline release

- Dirt being blown into the air
- Fire coming from the ground
- Presence of construction equipment near the ROW
- Distinctive hydrocarbon odor
- Hissing or roaring sound
WHAT TO DO IF THERE IS A PIPELINE EMERGENCY

• Immediately evacuate the area
• Do not start or turn off motor vehicles or electrical equipment
• Move far enough away from the noise until you can have a normal conversation
• Discourage others from entering the area
• From this safe location, call 911 (if they have not already been contacted)
• Notify the operator of the pipeline
• Do not attempt to operate any pipeline valves or equipment

Video 4: Preparation & Resources

Preparing and planning in advance of pipeline emergency is critical to safe and effective response.

• Know the pipeline operators and how to contact them
• Know the type of pipeline, product transported and associated risks
• Know the route of pipelines and facility locations within your jurisdiction

Educate yourself with free training and resources

• Online training at pipelines.training
• Maps of pipelines at npms.phmsa.dot.gov
Video 5: Emergency Response Roles

- **9-1-1 dispatcher:** Gathers and relays critical information
- **Firefighter:** Secures the area
- **Pipeline operator:** Controls release of product
- **Law enforcement:** Assists in site security and evacuation
- **Emergency medical services:** Provides medical aid
- **Emergency management:** Coordinates community response

Video 6: Incident Management Best Practices

*Effective incident management tools*

- Emergency Response Guidebook (ERG) [phmsa.dot.gov](http://phmsa.dot.gov)
- Incident Command Structure/National Incident Management System (ICS/NIMS) [training.fema.gov](http://training.fema.gov)

Watch the Shoulder to Shoulder video series at [shoulder2shoulder.tv](http://shoulder2shoulder.tv)

[ingaa.org/emergencyresponse](http://ingaa.org/emergencyresponse)  
[aopli.org/emergencyresponse](http://aopli.org/emergencyresponse)  
[api.org](http://api.org)  
[phmsa.dot.gov](http://phmsa.dot.gov)