



In case of an emergency,  
call toll-free 24 hours a day.  
**1-800-231-7794**



## Signs of a Natural Gas Pipeline Leak

*Any one of the following could be a sign of a leak:*

- Blowing or hissing sound
- Gaseous or “rotten egg” odor
- Flames, if a leak has ignited
- Dead or discolored vegetation in an otherwise green area
- Dust blowing from a hole in the ground
- Continuous bubbling in wet or flooded areas
- Disturbance on the surface of streams, rivers or other waterways

## Hazards Associated with a Natural Gas Pipeline Leak or Rupture

- Dizziness or suffocation if leak occurs in a confined space
- Ignition/fire if ignition source is present during leak which may result in burns
- Potential explosion if the natural gas is mixed with air
- Projectiles ejected from the force of escaping gas

## What to Do If You Suspect a Pipeline Leak

*Your personal safety should be your first concern:*

- Evacuate the area and try to prevent anyone from entering.
- Abandon any equipment being used in or near the area.
- Avoid any open flames.
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers and two-way radios).
- Do not start or turn off motor vehicles or electrical equipment.
- If you suspect natural gas has leaked into a building, evacuate immediately. Do not turn lights on or off, use the phone or do anything that could produce a spark.
- Call **911** from a safe location or contact your local fire department or law enforcement personnel.
- Notify Spectra Energy by calling the toll-free emergency number (below) or the emergency number listed on the pipeline marker.
- Do not attempt to extinguish a natural gas fire.
- Do not attempt to operate any pipeline valves.

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## INGAA

Interstate Natural Gas Association of America (INGAA) member companies, including Spectra Energy, have committed to improve the safety performance of their natural gas pipelines. INGAA has 25 member companies which operate 200,000 miles of interstate transmission pipelines across the United States. INGAA member companies are implementing processes and technologies to improve response time for isolation of pipeline segments when incidents occur to enhance protection of people and property adjacent to those pipelines. INGAA members have also initiated new ways to engage emergency responders in the vicinity of the pipelines. You can get more information about INGAA by visiting their website at [www.ingaa.org](http://www.ingaa.org).

## How to Contact Us

If you need general information or have a *non-emergency question*, please call us toll-free at **1-888-293-7867**, email us at [askspectra@spectraenergy.com](mailto:askspectra@spectraenergy.com) – or write to us at:

Operational Compliance Department  
Spectra Energy  
P.O. Box 1642  
Houston, TX 77251-1642

## Frequently Asked Questions

Answers to frequently asked questions (FAQ) can be found on our website at: <http://www.spectraenergy.com/Pipeline-FAQ> or contact us and we'll send you a printed version.

CONNECT WITH US



## PIPA

The Pipeline and Informed Planning Alliance (PIPA) is a stakeholder initiative supported by the U.S. Department of Transportation (DOT) to improve the safety of communities that surround large-diameter high-pressure transmission pipelines.

For more information about PIPA recommended practices visit:  
<http://primis.phmsa.dot.gov/comm/pipa/landuseplanning.htm>.



For more information, visit [www.spectraenergy.com](http://www.spectraenergy.com)



# Pipeline Safety

*You have received this brochure because we have identified you as an emergency responder with responsibilities in the vicinity of Spectra Energy's natural gas pipelines or related facilities. This document has been designed to provide basic pipeline safety information, such as how to identify a leak, what to do in case of a leak or natural gas fire, how to determine where our pipelines are located, and how to contact Spectra Energy in an emergency or to obtain additional information. Please share this important information with other emergency responders with whom you work.*

Texas Eastern Transmission, LP | Algonquin Gas Transmission, LLC  
East Tennessee Natural Gas, LLC | Maritimes & Northeast Pipeline, L.L.C.  
Ozark Gas Transmission, L.L.C. | Ozark Gas Gathering, L.L.C.  
Egan Hub Storage, LLC | Moss Bluff Hub, LLC | Bobcat Gas Storage  
Saltville Gas Storage Company L.L.C. | Big Sandy Pipeline, LLC  
Steckman Ridge, LP | Dauphin Island Gathering Partners (DIGP)







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### Pipeline Emergency Guides

Spectra Energy is committed to providing information that will help emergency responders near our pipeline facilities respond to events associated with unintended natural gas releases. The company has developed an emergency guide that includes facility maps, pipeline data, contact information, emergency response procedures and priorities, discussion of the incident command system, locating pipelines, natural gas properties, and pipeline operations. If you have not yet received a copy of the guide, contact us by calling **1-888-293-7867** or emailing [askspectra@spectraenergy.com](mailto:askspectra@spectraenergy.com).

### Pipeline Emergency Training Material

“Pipeline Emergencies” is an award winning training curriculum that provides information on how to safely and effectively respond to pipeline incidents. The material was developed by emergency response and industry experts in partnership with the National Association of State Fire Marshalls and the U.S. Department of Transportation. Request the materials in book or DVD format at [www.pipelineemergencies.com](http://www.pipelineemergencies.com) or by calling **1-202-737-1226 (ext. 4)**.

### What Spectra Energy Does if an Emergency Occurs

Spectra Energy facilities are designed to isolate pipeline segments in the event of an emergency. We have developed a comprehensive Crisis Management Plan to assure an effective response to pipeline emergencies. Our personnel are trained to work in cooperation with emergency responders to manage these events. For more information about Spectra Energy’s emergency preparedness program in your area and how to access the local Spectra Energy emergency response plan, contact us by calling **1-888-293-7867** or emailing [askspectra@spectraenergy.com](mailto:askspectra@spectraenergy.com).



### Spectra Energy Supports the ICS

We consider the *Incident Command System* (ICS) to be paramount to organizing and coordinating response to emergency events, and that pre-established organizational structure, duties, and procedures among the various stakeholders responding to these events are important. Many Spectra Energy personnel have been trained in the ICS processes and will be made available should they be needed. More ICS information can be obtained on the FEMA web page at <http://www.training.fema.gov/EMIWeb/IS/ICSResource/index.htm>.

### Properties of Natural Gas

- **Lighter than Air** – 40 percent lighter than air
- **Composition** – Mostly methane and small amounts of ethane
- **Hazardous Material** – Due to its flammability
- **Flammable** – Approximately 5 -15 percent gas-to-air mix is the flammable range.
- **Odorless** – Natural gas is odorless in its natural state. The smell of rotten egg often associated with natural gas is normally due to an odorant that is added in some pipelines and distribution systems.
- **Combustion Products** – No significant harmful compounds as a result of combustion. However, incomplete combustion may produce carbon monoxide.
- **Ignition Temperature** – The ignition temperature is nearly 1,200 degrees Fahrenheit. Static electricity, pilot lights, matches, and sparks from telephones, electric motors and internal combustion engines can easily reach this temperature.
- **Asphyxiant** – Natural gas can displace oxygen in an enclosed space, resulting in the potential for suffocation.
- **Non-Toxic**



Because of its high energy value and low environmental emissions when burned, it is increasingly a fuel of choice for heating homes, generating electricity and fueling industry. In fact, natural gas provides a quarter of all energy consumed in the U.S., making it a vital component of our domestic energy supply. And, as a clean, abundant, efficient and versatile resource, natural gas will increasingly be a fuel of choice for the future. Natural gas produces 45 percent less carbon dioxide (CO2) than coal and 30 percent less than oil when burned. That’s an important distinction as we tackle the dual challenge of meeting increased energy demand while reducing the amount of carbon released into the environment.

### Pipeline Location and Markers

Pipeline markers like these are used to indicate the approximate location of a natural gas pipeline and to provide contact information. Aerial patrol planes also use the markers to identify the pipeline route. Markers should never be removed or relocated by anyone other than a pipeline operator.

Spectra Energy pipelines range in diameter from 2-inch to 42-inch.

To find out where Spectra Energy pipelines are located in your area and what the diameters are, visit our website at: <http://www.spectraenergy.com/Locator/US>, contact a Spectra Energy representative at **1-888-293-7867**, or email [askspectra@spectraenergy.com](mailto:askspectra@spectraenergy.com).

You can also find out which pipelines are in your area by going to the National Pipeline Mapping System website at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov).



### Spectra Energy Reliability

Spectra Energy operates more than 19,000 miles of high-pressure natural gas transmission pipelines in North America. Our pipelines cross North America for long distances (much like interstate highways), transporting natural gas to industrial facilities, power plants and local distribution companies. Local distribution companies then deliver the natural gas to homes and businesses.

We monitor our pipelines in many ways, including round-the-clock electronic monitoring, regular air and ground surveillance, and during routine operation and maintenance. In addition, Spectra Energy applies rigorous integrity management practices to all its facilities, regardless of whether or not those facilities are located within high consequence areas as defined by the federal regulations.

We work hard to maintain the integrity of our pipeline systems and keep them safe from security threats. We stay in touch with industry and government organizations to monitor potential threats and study new technologies that will help keep our facilities as safe and secure as possible.

For more information about Spectra Energy’s integrity management program in your area, visit our website at <http://www.spectraenergy.com/Integrity-Management> or contact us by calling **1-888-293-7867** or emailing [askspectra@spectraenergy.com](mailto:askspectra@spectraenergy.com).

Emergency responders like you can help us to maintain a safe, secure and reliable pipeline system. *If you observe any unusual or suspicious activity near our pipeline facilities, or in the unlikely event an emergency occurs, please call us immediately using the toll-free emergency number listed in the above left corner.*

### Integrity Management and High Consequence Areas

The objective of Spectra Energy integrity management program is to improve pipeline safety through a systematic approach involving data gathering, risk assessment, integrity assessments, prevention and mitigation. The U.S. Department of Transportation has developed specific High Consequence Area (HCAs) regulations for the operations and maintenance of natural gas transmission pipelines. These regulations are more rigorous than those for non-HCA locations and focus integrity management activities on populated areas and areas where it would be difficult to evacuate people. In most all cases, Spectra Energy applies the more rigorous requirements to the operation of all its pipeline facilities, not just the HCAs.

