

# Important Safety Message

*for your community\**

*\*Please share this with others in your organization.*



**24-Hour Emergency Number: 800-786-7440**



**Sunoco Logistics**

Sunoco Pipeline L.P.

**Non-Emergency Number: 877-795-7271**

**Website: [www.sunocologistics.com](http://www.sunocologistics.com)**

You are receiving this brochure because a Sunoco Pipeline L.P. pipeline is located in your community. Our underground pipelines provide a safe and efficient method of transporting a variety of products, including crude oil, gasoline, diesel fuel, kerosene, heating oil, jet fuel, butane, ethane, propane, and natural gas.

## Petroleum Pipelines In Your Community

There are almost 200,000 miles of petroleum pipelines in the United States. According to National Transportation Safety Board statistics, pipelines are the safest method of transporting petroleum products. Pipelines transport two-thirds of all the crude oil and refined products in the United States. Pipelines are made of steel, covered with a protective coating and buried underground. They are tested and maintained through the use of cleaning devices, diagnostic tools, and cathodic protection. Since Americans consume over 700 million gallons of petroleum products per day, pipelines are an essential component of our nation's infrastructure.

### Keeping you safe

Maintaining safe pipeline operations is critical in all areas where we operate. In high population and environmentally sensitive areas known as High Consequence Areas, we perform additional inspections and analyses as part of our Integrity Management Program (IMP). Additional information on our IMP efforts is available on our website: [www.sunocologistics.com](http://www.sunocologistics.com).

## What do pipelines transport, and what are the potential hazards?

Many pipelines transport petroleum products and natural gas. Some pipelines transport other hazardous products such as chemicals, highly volatile liquids, anhydrous ammonia, or carbon dioxide. Exposure to these products can be harmful if inhaled, and can cause eye and skin irritation, and difficulty in breathing.

Fortunately, pipeline accidents are extremely rare, but they can occur. Natural gas and petroleum products are flammable and potentially hazardous under certain conditions. Pipeline companies undertake many prevention and safety measures to ensure the integrity of their pipeline systems.

Additional information on the pipelines in your community is available by contacting Sunoco Logistics at 877-795-7271 or from [www.sunocologistics.com](http://www.sunocologistics.com).

## Planning, Zoning and Property Development

It is crucial to coordinate with pipeline operators to take the location of pipelines into consideration in land use plans, zoning, and property development activities. Developments can make use of pipeline easements as open spaces and greenway connectors. Pipeline depth is a crucial consideration during development planning to ensure costs for lowering or relocation are identified. Changes to the topography on either side of the pipeline may impose unacceptable stresses on the pipeline. Pipeline operators would like to coordinate the development of site plans where large numbers of people congregate, including schools, churches, etc.

## Call before you dig

One easy phone call to 811 starts the process to have your underground pipelines and utility lines marked. When you call 811 from anywhere in the country, your call will be routed to your state One Call Center, who will contact underground facility owners in the area. So you can dig safely, Sunoco Pipeline personnel will contact you if one of our pipelines are in the area of the planned excavation. More information about 811 is at [www.call811.com](http://www.call811.com).



## How emergency responders are trained in case of a pipeline incident

- **Secure the area around the leak to a safe distance.** Because vapors from the products carried in pipelines can migrate great distances, it is important to remove all ignition sources from the area. Keep in mind, Highly Volatile Liquid (HVL) vapors are heavier than air and can collect in low areas such as ditches, sewers, etc. If safe, evacuating people from homes, businesses, schools and other places of congregation, as well as controlling access to the site may be required in some incident scenarios. Sheltering in place may be the safest action if the circumstances make going outdoors dangerous.
- If the pipeline leak is not burning **DO NOT** cause any open flame or other potential source of ignition such as an electrical switch, vehicle ignition, light a match, etc. **DO NOT** start motor vehicles or electrical equipment. **DO NOT** ring doorbells. Knock with your hand to avoid potential sparks from door knockers. **DO NOT** drive into a leak or vapor cloud at any time.
- If the pipeline leak is burning attempt to control the spread of the fire, but **DO NOT** attempt to extinguish a petroleum product or natural gas fire. When extinguished, petroleum products, gas and vapor could collect and explode if reignited by secondary fire.
- **DO NOT** attempt to operate any pipeline valves yourself. You may inadvertently route more product to the leak or cause a secondary incident.
- **Establish a incident command post.** Work with pipeline representatives as you develop a plan to address the emergency. The pipeline operator will need to know:
  - Your contact information and the location of the emergency
  - Size, characteristics and behavior of the incident, and if there are any primary or secondary fires
  - The time of the incident
  - Any injuries or deaths
  - The proximity of the incident to any structures, buildings, etc.
  - Any environmental concerns such as bodies of water, grasslands, endangered wildlife and fish, etc.
- **Evacuate or shelter in place.** Depending on the level of chemical, natural gas, or product, and whether or not the product was released, or other variables, it may be necessary to evacuate the public or have the public shelter in place. Evacuation route and the location of the incident will determine which procedure is required, but both may be necessary. Evacuate people upwind of the incident. Involving the pipeline company may be important in making this decision.

## What does the pipeline company do if a leak occurs?

In order to prepare for the event of a leak, pipeline companies regularly communicate, plan and train with local emergency personnel such as fire and police departments. Upon the notification of an incident or leak, either by the pipeline company's internal control center or by phone, the pipeline operator will immediately dispatch trained personnel to assist public safety officials in their response to the emergency. Pipeline operators will also take steps to minimize the amount of product that leaks out and to isolate the pipeline.

### The pipeline company's control center may:

- *Stop or reduce the flow of product*
- *Dispatch pipeline emergency response personnel and equipment to the emergency site*
- *Inform you of any special precautionary recommendations*
- *Act as a liaison between emergency response agencies and pipeline company personnel*
- *Help bring the emergency to conclusion as quickly and safely as possible*

## How would you recognize a pipeline leak?

- **Sight:** Liquid pools, discolored or abnormally dry soil/vegetation, continuous bubbling in wet or flooded areas, an oily sheen on water surfaces, and vaporous fogs or blowing dirt around a pipeline area can all be indicative of a pipeline leak. Dead or discolored plants in an otherwise healthy area of vegetation or frozen ground in warm weather are other possible signs.
- **Sound:** Volume can range from a quiet hissing to a loud roar depending on the size of the leak and pipeline system.
- **Smell:** An unusual smell, petroleum odor, or gaseous odor will sometimes accompany pipeline leaks.



**Know what's below.  
Call before you dig.**

## How to know where pipelines are located

Pipeline markers are important for the safety of the general public and provide emergency responders with critical information. Most pipelines are underground, where they are more protected from the elements and minimize interference with surface uses. Even so, pipeline rights-of-way are clearly identified by pipeline markers along pipeline routes that identify the approximate—NOT EXACT—location of the pipeline. Every pipeline marker contains information identifying the company that operates the pipeline, the product transported, and a phone number that should be called in the event of an emergency. **Markers do not indicate pipeline burial depth, which will vary.** Markers are typically seen where a pipeline intersects a street, highway or railway. For any person to willfully deface, damage, remove, or destroy any pipeline marker is a federal crime.

Pipeline Markers



**Pipeline Marker** — This marker is the most commonly seen. It contains Sunoco Pipeline information, type of product, and our emergency contact number. Size, shape and color may vary.

**Aerial Marker** — These skyward facing markers are used by patrol planes that monitor pipeline routes.

**Casing Vent Marker** — This marker indicates that a pipeline (protected by a steel outer casing) passes beneath a nearby roadway, rail line or other crossing.

## Maintaining safety and integrity of pipelines

Pipeline operators invest significant time and capital maintaining the quality and integrity of their pipeline systems. Active pipelines are monitored 24 hours a day via staffed control centers. Pipeline companies also utilize aerial surveillance and on-ground observers to identify potential dangers. Control center personnel continually monitor the pipeline system and assess changes in pressure and flow. They notify field personnel if there is a possibility of a leak. Automatic shut-off valves may be utilized to isolate a leak.

Gas transmission and hazardous liquid pipeline operators have developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). IMPs have been implemented for areas designated as “high consequence areas” in accordance with federal regulations. Additional information about our IMP is on our website at [www.sunocologistics.com](http://www.sunocologistics.com).

## How can you help?

While incidents involving pipeline facilities are very rare, awareness of the location of the pipeline, the potential hazards, and what to do if a leak occurs can help to minimize the impact of a pipeline release. A leading cause of pipeline incidents is unauthorized excavation near pipelines. Pipeline operators are responsible for the safety and security of their respective pipelines. To help maintain the integrity of pipelines and their rights-of-way, it is essential that pipeline and facility neighbors protect against unauthorized excavations or other destructive activities. Here's what you can do to help:

- **Become familiar with the pipelines and pipeline facilities in the area (marker signs, fence signs at gated entrances, etc).**
- **Record the operator name, contact information and any pipeline information from nearby marker/facility signs and keep in a permanent location near the telephone.**
- **Be aware of any unusual or suspicious activities or unauthorized excavations taking place within or near the pipeline right-of-way or pipeline facility; report any such activities to the pipeline operator and the local law enforcement.**

All damages to underground gas or hazardous liquid pipeline facilities are required by law to be reported to the operator. Excavators must notify the pipeline company through the One-Call Center immediately but not later than two hours following the damage incident.

## Emergency Response Plans for Gas and Hazardous Liquid Pipeline Operators

Federal regulations for both gas and hazardous liquid pipelines require operators to have written procedures for responding to emergencies involving their pipeline facility. Because pipelines are often located in public space, the regulations further require that operators include procedures for planning with emergency and other public officials to ensure a coordinated response. Please call 877-795-7271 to contact Sunoco Logistics for information on the pipeline in your community.

Each operator shall establish written procedures to minimize the hazard resulting from a gas pipeline emergency. At a minimum, the procedures must provide for the following:

- *Receiving, identifying, and classifying notices of events which require immediate response by the operator.*
- *Establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials.*
- *Prompt and effective response to a notice of each type of emergency, including the following:*
  - *Gas detected inside or near a building.*
  - *Fire located near or directly involving a pipeline facility.*
  - *Explosion occurring near or directly involving a pipeline facility.*
  - *Natural disaster.*
- *The availability of personnel, equipment, tools, and materials, as needed at the scene of an emergency.*
- *Actions directed toward protecting people first and then property.*
- *Emergency shutdown and pressure reduction in any section of the operator's pipeline system necessary to minimize hazards to life or property.*
- *Making safe any actual or potential hazard to life or property.*
- *Notifying appropriate fire, police, and other public officials of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency.*
- *Safely restoring any service outage.*
- *Determining which facilities are located in high consequence areas*
- *Each operator shall establish and maintain liaison with appropriate fire, police, and other public officials to:*
  - *Learn the responsibility and resources of each government organization that may respond to a gas pipeline emergency;*
  - *Acquaint the officials with the operator's ability in responding to a gas pipeline emergency;*
  - *Identify the types of pipeline emergencies of which the operator notifies the officials; and*
  - *Plan how the operator and officials can engage in mutual assistance to minimize hazards to life or property.*

Reference 49 CFR 192.605, 192.615 and 195.402

## What is a right-of-way and can I build or dig on it?

Sunoco Pipeline works diligently to establish written agreements, or easements, with landowners to allow for ease of construction and maintenance when they cross private property. Rights-of-way are often recognizable as corridors that are clear of trees, buildings or other structures except for the pipeline markers. A right-of-way may not have markers clearly present and may only be indicated by cleared corridors of land, except where farmland or crops exist. County Clerk or Recorder of Deeds offices may also have records of the pipeline easements.

Encroachments upon the pipeline right-of-way inhibit the pipeline operator's ability to reduce the chance of third-party damage, provide right-of-way surveillance and perform routine maintenance and required federal/state inspections. In order to perform these critical activities, pipeline maintenance personnel must be able to easily and safely access the pipeline right-of-way, as well as areas on either side of the pipeline. Keeping trees, shrubs, buildings, fences, structures and any other encroachments well away from the pipeline ensures that the pipeline integrity and safety are maintained.

For questions concerning the pipeline or right-of-way or about future property improvements or excavations, please contact us at 877-795-7271.

### Transmission Pipeline Mapping

The National Pipeline Mapping System (NPMS) is a geographic information system created by the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA), Office of Pipeline Safety (OPS) in cooperation with other federal and state governmental agencies and the pipeline industry to provide information about pipeline operators and their pipelines. The NPMS website is searchable by ZIP code or by county and state, and can display a county map that is printable.

Within the NPMS, PHMSA has developed the Pipeline Integrity Management Mapping Application (PIMMA) for use by pipeline operators and Federal, state, and local government officials only. The application contains sensitive pipeline infrastructure information that can be viewed via internet browser. Access to PIMMA is limited to Federal, State, and Local Government officials as well as pipeline operators. PIMMA access cannot be given to any person who is not a direct employee of a government agency.

For a list of pipeline operators with pipelines in your area and their contact information or to apply for PIMMA access, go to [www.npms.phmsa.dot.gov/](http://www.npms.phmsa.dot.gov/).

For more information regarding pipeline safety and an overview of the pipeline industry please visit the following websites:

#### **Pipeline Resources and Information**

- 811 - [www.call811.com](http://www.call811.com)
- Pipeline 101 - [www.pipeline101.com](http://www.pipeline101.com)
- Association of Oil Pipe Lines (AOPL) - [www.aopl.org](http://www.aopl.org)
- American Petroleum Institute (API) - [www.api.org](http://www.api.org)
- Interstate Natural Gas Association of America (INGAA) - [www.ingaa.org](http://www.ingaa.org)
- American Gas Association (AGA) - [www.aga.org](http://www.aga.org)
- Common Ground Alliance (CGA) - [www.commongroundalliance.com](http://www.commongroundalliance.com)
- For more information on the NASFM *Pipeline Emergencies* program - [www.pipelineemergencies.com](http://www.pipelineemergencies.com)

#### **Government/Regulatory Agencies**

- Pipeline Hazardous Materials Safety Administration (PHMSA) - [phmsa.dot.gov](http://phmsa.dot.gov)
- Department of Transportation (DOT) - [www.dot.gov](http://www.dot.gov)

To learn more about Sunoco Pipeline L.P.'s ROW's, or to take our survey, visit our website at: [www.sunocologistics.com](http://www.sunocologistics.com)

**Sunoco Pipeline L.P. operates the Inland and Harbor pipeline systems.**

#### **PRODUCTS THAT MAY BE TRANSPORTED IN YOUR AREA**

<b>PRODUCT</b>	<b>LEAK TYPE</b>	<b>VAPORS</b>
HIGHLY VOLATILE LIQUIDS [SUCH AS: BUTANE, PROPANE, ETHANE, PROPYLENE, AND NATURAL GAS LIQUIDS (NGL)]	Gas	Initially heavier than air, spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.
<b>HEALTH HAZARDS</b>	May be ignited by heat, sparks, or flames and may form combustible mixture with air. Vapors may cause dizziness or asphyxiation and be toxic if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.	
HAZARDOUS LIQUIDS [SUCH AS: CRUDE OIL, DIESEL FUEL, JET FUEL, GASOLINE, AND OTHER REFINED PRODUCTS]	Liquid	Initially heavier than air and spread along ground and collect in low or confined areas. Vapors may travel to source of ignition and flash back. Explosion hazards indoors, outdoors or in sewers.
<b>HEALTH HAZARDS</b>	Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.	

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