

Basic Pipeline Information

Spectra Energy's Express-Platte high pressure crude oil pipeline consist of 1445 miles of pipeline in the U.S. and 272 miles of pipeline in Canada. Spectra Energy's pipelines are typically underground, but they are located aboveground in, pumping stations, valve sites and breakout tanks.

Spectra Energy operates pipelines in your community. Pipeline's are the backbone of our nation's energy transportation infrastructure. According to the National Transportation Safety Board, pipelines are the safest mode of fuel transportation, both for the public and the environment.

Pipelines are constructed in a corridor of land called the **pipeline right-of-way** that includes the land over and around the pipeline, typically 25 feet on each side of the pipeline. Right-of-way agreements limit how the corridor is used to protect the pipeline and allow operators to monitor and inspect the pipeline.

Spectra Energy monitors its pipeline system 24-hours a day from its state-of-the-art System Control Center. We ensure public safety and safe pipeline operations through employee training, aerial patrols of the ROW and adherence to our comprehensive Integrity Management plan and procedures.

There are two primary types of pipelines: gathering, and transmission. Gathering pipelines transport petroleum products from the wellhead and production areas. Transmission pipelines, like those operated by Spectra Energy, transport hazardous liquids to refining and distribution terminals. Transmission pipelines are typically large, high-pressure pipelines.

Locating Pipelines in Your Community

Pipeline markers are located along the right-of-way, at road intersections, waterways, railroad crossings and all aboveground facilities. Markers identify the area, but not the exact location or depth of the pipeline. They specify the type of product transported, the operator's name and emergency contact number.

Spectra Energy crude oil pipelines range in sizes from 20-inches to 24-inches.

The federal government provides access to maps of transmission pipelines in your community through the **National Pipeline Mapping System** at www.npms.phmsa.dot.gov. Government and safety officials can access additional information and download electronic files to import into emergency preparedness GIS mapping systems.

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>



Emergency Contact Number:

When calling a non free number, call collect.

Express - Platte Pipeline System
1-888-449-7539

Know what's below.
Call 811 before you dig.



Examples of Spectra Energy pipeline marker.



PIPELINE SAFETY INFORMATION

for Emergency Response Officials

You have received this brochure because we have identified that you are a emergency responder that may work near Spectra Energy's Express-Platte crude oil pipeline or related facilities. The brochure has been designed to provide you basic information regarding pipelines and how to recognize leaks and respond in the event of a pipeline emergency.

800 Werner Court, Ste 352 Casper, WY 82601
Non-emergency phone number 307-233-6164
Emergency phone number 1-888-449-7539

kdcattellier@spectraenergy.com

For more information please visit:

<http://www.spectraenergy.com/Operations/Crude-Oil-Transportation/ExpressPlatte>

Keep with emergency response training and reference materials.

What Spectra Energy Does if an Emergency Occurs

Spectra Energy facilities are designed to isolate pipeline segments and facilities in the event of an emergency. We have developed a comprehensive Emergency Response 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; e-mailing askspectra@spectraenergy.com; or returning the enclosed card with your comments.

Spectra Energy Cares about Your Safety

We want you to be aware of our pipelines and ask for your help in preventing damage to pipelines. Spectra Energy supports the Nation's Homeland Security efforts and Spectra Energy encourages you to immediately report any suspicious persons and/or activities near the pipeline to your local law enforcement authorities by calling 911.

Spectra Energy Supports the Incident Command System

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. Spectra Energy personnel have been trained in the ICS processes and are made available when needed. More ICS information can be obtained on the FEMA web page <http://www.fema.gov/incident-command-system>.

Working Together to Protect Pipelines & Right-of-Ways

In addition to 24-hour monitoring and on-going safety and security procedures, Spectra Energy relies on you, the local emergency responder, to notify Spectra Energy when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety. We support your enforcement of "Call Before You Dig" requirements in states where they apply.

Excavation activity is the most common cause of serious pipeline damage. In most states, residents, excavators and farmers are required by law to call 811 or their local One-Call center at least two or three working days before starting an excavation project to have underground utilities marked. Refer to your state-specific One-Call laws for more information.

Additionally, some emergencies may require excavation and/or use of heavy equipment that could damage underground utilities. Call 811 to identify and notify utilities in the area that may be impacted by these emergency activities.

Unauthorized use, such as building or planting, in the pipeline right-of-way is known as encroachment. Spectra Energy regularly conducts maintenance to trim trees and remove shrubs or structures within the ROW that prohibit the company from clearly viewing the pipeline corridor during aerial or foot patrols and regular maintenance activities.

Please contact us at 1-800-700-8666 if you know of places where trees, plants or structures are located on the pipeline right-of-way or if you see individuals digging in areas where underground utilities are not marked with flags, stakes, or other acceptable methods.

Signs of a Pipeline Leak or Rupture

The following are indications of a possible pipeline leak:

- Brown or discolored vegetation amid healthy plants
- Colorful sheens on water surfaces
- Fire at or below ground level
- Stains or pools of hydrocarbons not usually present in the right-of-way
- Bubbles coming from bodies of water
- Distinctive petroleum type odors

Pipeline Incident Response Tactics

The list below summarizes emergency response tactics to implement when you respond to a pipeline incident.

1. Assess the situation

- Approach with caution from upwind location.
- Isolate and secure the area.
- Implement Incident Command System ICS.
- Identify hazards.
- Identify and contact the pipeline operator using the emergency number listed on the pipeline marker.

2. Protect people, property & the environment

- Eliminate ignition sources.
- Establish isolation zones and set up barriers.
- Rescue and evacuate people (if needed).
- Stage apparatus and equipment based on atmospheric monitoring and weather conditions.
- If liquid products are involved, use appropriate defensive Hazardous Waste Operations & Emergency Response (HAZWOPER) procedures such as installing dikes and dams, if trained and equipped.
- Control fires, vapor and leaks. Do not extinguish burning fires. Protect exposures and coordinate isolation operations with pipeline personnel.
- Do not operate (open or close) valves or other pipeline equipment.
- Employ containment techniques if personnel are trained, equipped and it is safe to do so.
- Designate a safe location for bystanders and the media.

3. Call for assistance as needed

- Contact your local emergency response organization and/or national resources if needed.

Refer to the DOT Emergency Response Guidebook at www.phmsa.dot.gov/hazmat/library/erg for additional information.

Additional Information:

National Pipeline Mapping System

www.npms.phmsa.dot.gov

NASFM's "Pipeline Emergencies"

www.pipelineemergencies.com

DOT Emergency Response Guidebook

www.phmsa.dot.gov/hazmat/library/erg

Spectra Energy Public Awareness

<http://www.spectraenergy.com/Operations/Crude-Oil-Transportation/ExpressPlatte>.

Potential Hazards Associated With Pipeline Leaks or Spills

The following chart outlines potential hazards associated with the release of specific products that may be transported by Spectra Energy:

Product	Description	Fire Hazard	Health Hazard	Response (Extinguishing Method)
Crude and 3 crude oil types listed transported by Express Platte – Heavy	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam
Crude – Sour	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam
Crude – Sweet	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam